

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
 Data File : BM048222.D
 Acq On : 24 Oct 2024 18:27
 Operator : RC/JU
 Sample : P4368-07
 Misc : LOD-MDL-WATER-08 ng
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 24 23:58:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	202686	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	812489	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	512546	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	1024738	20.000	ng	0.00
76) Chrysene-d12	21.333	240	985684	20.000	ng	0.00
86) Perylene-d12	24.286	264	1094292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1503223	124.667	ng	0.00
7) Phenol-d6	6.898	99	1960106	124.822	ng	0.00
23) Nitrobenzene-d5	8.875	82	1302510	90.516	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	798921	127.346	ng	0.00
45) 2-Fluorobiphenyl	12.986	172	2935457	87.884	ng	0.00
79) Terphenyl-d14	19.733	244	3773259	78.121	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	42142	8.538	ng	98
3) Pyridine	3.610	79	97465	7.434	ng	98
4) n-Nitrosodimethylamine	3.516	42	46669	8.383	ng	# 97
6) Aniline	7.051	93	136973	10.508	ng	98
8) 2-Chlorophenol	7.287	128	111305	8.497	ng	97
9) Benzaldehyde	6.863	77	91097m	11.808	ng	
10) Phenol	6.928	94	131873	8.347	ng	98
11) bis(2-Chloroethyl)ether	7.145	93	104103	8.273	ng	95
12) 1,3-Dichlorobenzene	7.610	146	126187	8.355	ng	98
13) 1,4-Dichlorobenzene	7.751	146	128848	8.398	ng	98
14) 1,2-Dichlorobenzene	8.069	146	121525	8.195	ng	98
15) Benzyl Alcohol	7.963	79	78995	7.885	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.240	45	161888	8.795	ng	98
17) 2-Methylphenol	8.169	107	82146	7.825	ng	98
18) Hexachloroethane	8.792	117	45101	8.020	ng	94
19) n-Nitroso-di-n-propyla...	8.528	70	80088	8.061	ng	98
20) 3+4-Methylphenols	8.504	107	108180	7.439	ng	97
22) Acetophenone	8.540	105	169301	8.538	ng	# 99
24) Nitrobenzene	8.916	77	119514	8.016	ng	99
25) Isophorone	9.445	82	213151	8.081	ng	98
26) 2-Nitrophenol	9.634	139	50194	7.291	ng	93
27) 2,4-Dimethylphenol	9.698	122	48270	5.779	ng	96
28) bis(2-Chloroethoxy)met...	9.928	93	134622	8.066	ng	99
29) 2,4-Dichlorophenol	10.175	162	91446	7.611	ng	97
30) 1,2,4-Trichlorobenzene	10.375	180	110022	7.996	ng	98
31) Naphthalene	10.557	128	342084	8.073	ng	99
32) Benzoic acid	9.792	122	44040	4.737	ng	96
33) 4-Chloroaniline	10.681	127	120369	8.758	ng	98
34) Hexachlorobutadiene	10.845	225	66521	7.800	ng	97
35) Caprolactam	11.457	113	26601	6.816	ng	91
36) 4-Chloro-3-methylphenol	11.810	107	92167	7.348	ng	98
37) 2-Methylnaphthalene	12.175	142	224599	7.933	ng	99
38) 1-Methylnaphthalene	12.398	142	214744	7.649	ng	100
40) 1,2,4,5-Tetrachloroben...	12.551	216	121696	8.307	ng	99
41) Hexachlorocyclopentadiene	12.527	237	27120	5.471	ng	99
43) 2,4,6-Trichlorophenol	12.798	196	73285	7.538	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	79088	7.295	ng	99
46) 1,1'-Biphenyl	13.192	154	310499	8.485	ng	98
47) 2-Chloronaphthalene	13.233	162	231906	8.037	ng	99
48) 2-Nitroaniline	13.445	65	57390	7.333	ng	93
49) Acenaphthylene	14.086	152	363477	8.635	ng	99
50) Dimethylphthalate	13.822	163	279095	7.976	ng	99
51) 2,6-Dinitrotoluene	13.939	165	55428	7.100	ng	92
52) Acenaphthene	14.427	154	215151	8.044	ng	97
53) 3-Nitroaniline	14.280	138	53778	7.304	ng	100
54) 2,4-Dinitrophenol	14.492	184	24077	5.277	ng	90
55) Dibenzofuran	14.763	168	352467	8.294	ng	98
56) 4-Nitrophenol	14.604	139	37970	5.778	ng	85
57) 2,4-Dinitrotoluene	14.739	165	69846	6.775	ng	92
58) Fluorene	15.410	166	274832	8.179	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	73160	8.141	ng	99
60) Diethylphthalate	15.186	149	272647	7.696	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	137844	8.204	ng	95
62) 4-Nitroaniline	15.439	138	47185	6.192	ng	93
63) Azobenzene	15.698	77	254186	8.005	ng	99
65) 4,6-Dinitro-2-methylph...	15.504	198	36951	6.215	ng	98
66) n-Nitrosodiphenylamine	15.621	169	229949	8.174	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	83190	8.007	ng	97
68) Hexachlorobenzene	16.415	284	99444	7.969	ng	98
69) Atrazine	16.574	200	77180	9.805	ng	98
70) Pentachlorophenol	16.768	266	56050	6.842	ng	98
71) Phenanthrene	17.151	178	428710	8.449	ng	99
72) Anthracene	17.239	178	394877	8.039	ng	99
73) Carbazole	17.515	167	378969	7.870	ng	97
74) Di-n-butylphthalate	18.074	149	450407	7.515	ng	100
75) Fluoranthene	19.162	202	476454	7.871	ng	100
77) Benzidine	19.356	184	125406	11.024	ng	98
78) Pyrene	19.527	202	503143	7.626	ng	99
80) Butylbenzylphthalate	20.427	149	196442	7.120	ng	99
81) Benzo(a)anthracene	21.315	228	507419	8.056	ng	100
82) 3,3'-Dichlorobenzidine	21.245	252	173560	8.044	ng	99
83) Chrysene	21.374	228	501269	8.291	ng	99
84) Bis(2-ethylhexyl)phtha...	21.239	149	302722	7.550	ng	100
85) Di-n-octyl phthalate	22.350	149	477040	6.869	ng	99
87) Indeno(1,2,3-cd)pyrene	27.597	276	597865	8.262	ng	100
88) Benzo(b)fluoranthene	23.350	252	499829	7.966	ng	98
89) Benzo(k)fluoranthene	23.415	252	518125	8.541	ng	100
90) Benzo(a)pyrene	24.144	252	456057	8.361	ng	98
91) Dibenzo(a,h)anthracene	27.650	278	496334	8.237	ng	99
92) Benzo(g,h,i)perylene	28.638	276	478599	7.756	ng	97

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

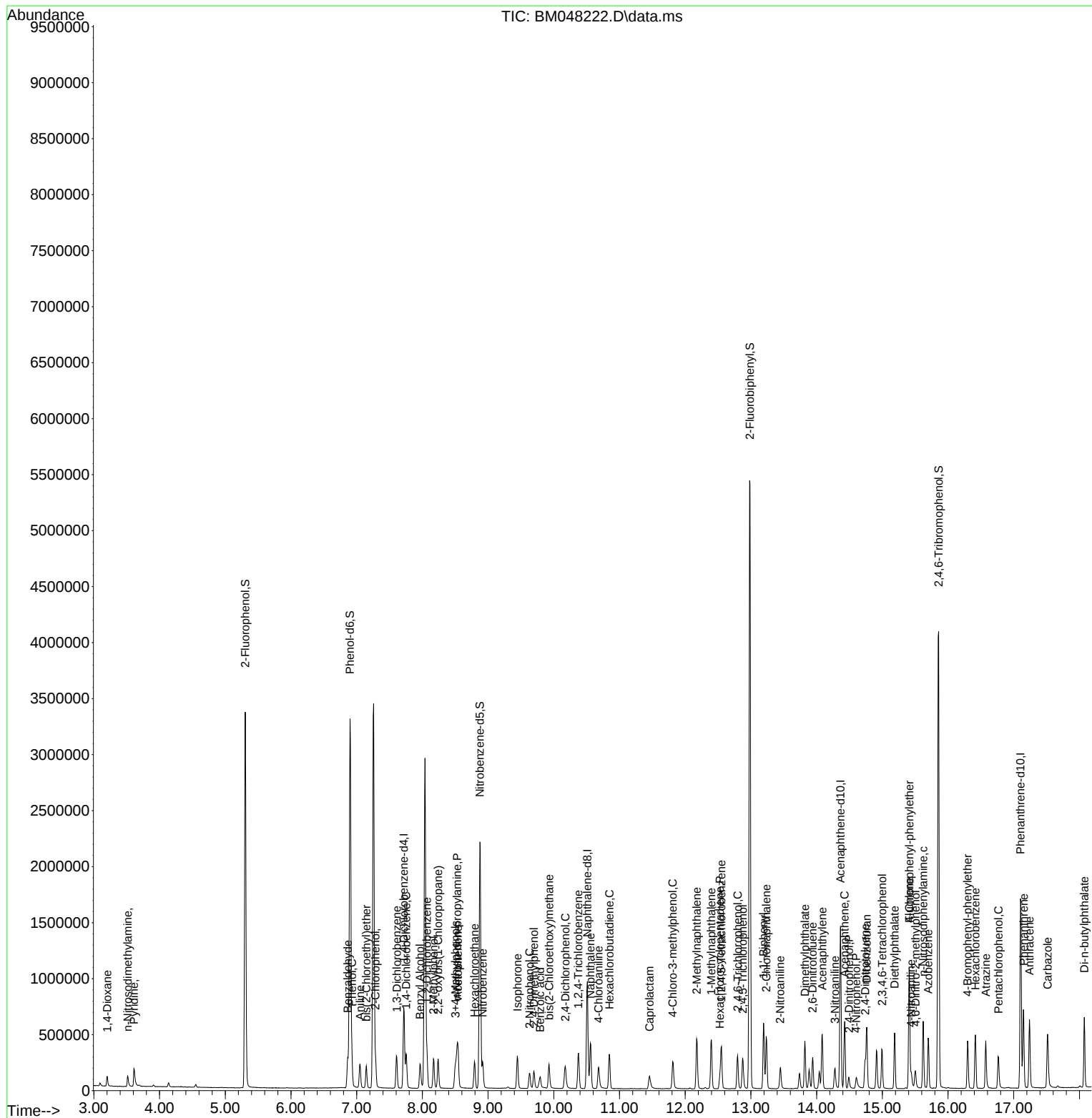
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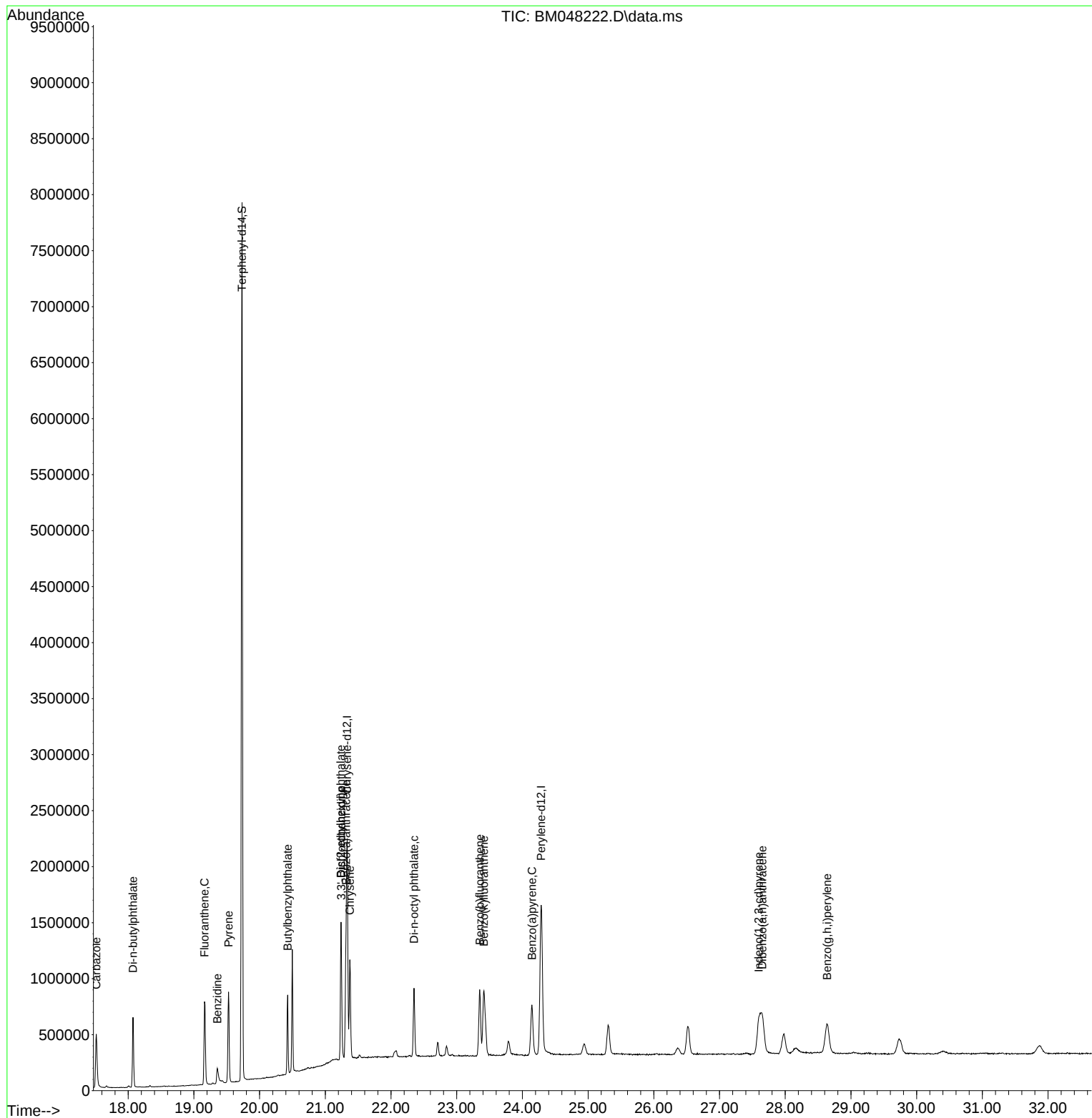
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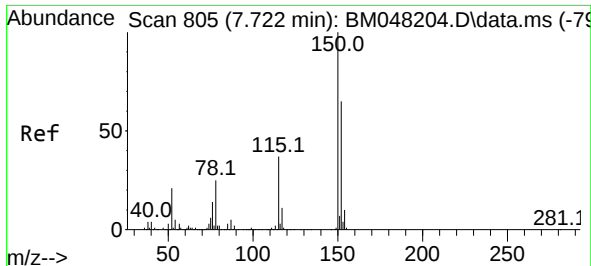
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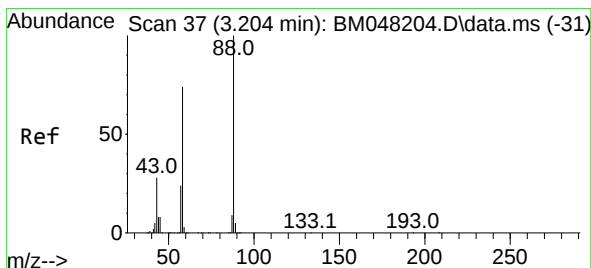
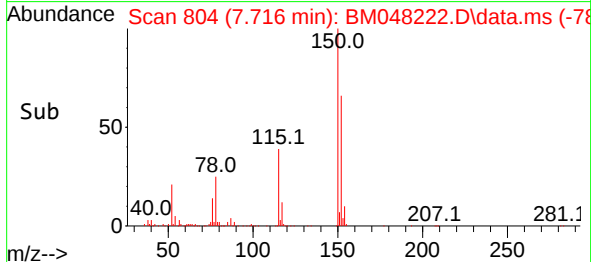
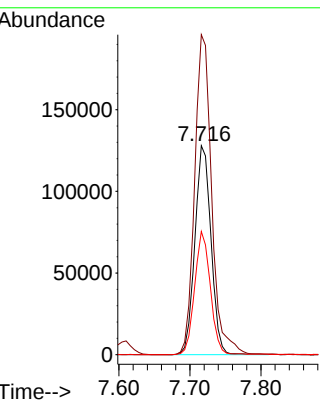
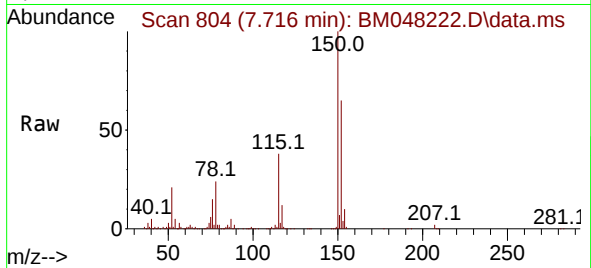
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM048222.D
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BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:152 Resp: 202680
Ion Ratio Lower Upper
152 100
150 153.1 123.0 184.6
115 58.9 45.8 68.6

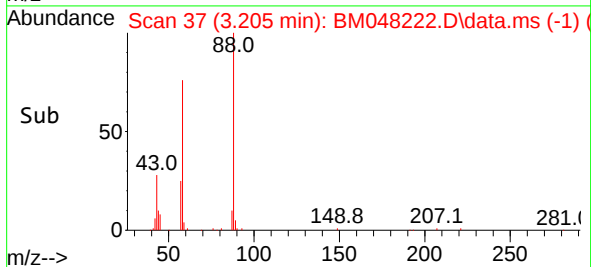
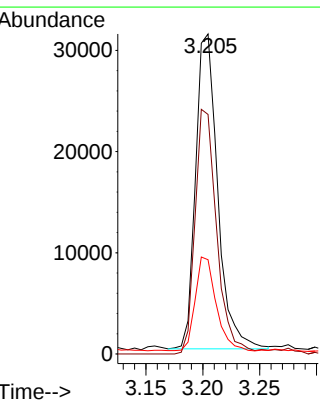
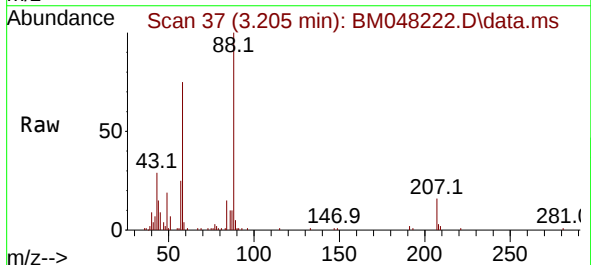
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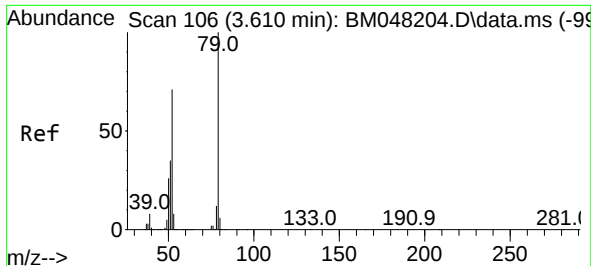
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#2
1,4-Dioxane
Concen: 8.538 ng
RT: 3.205 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

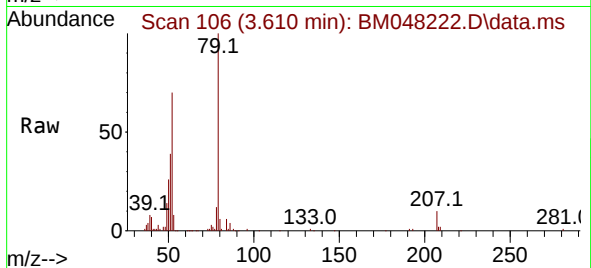
Tgt Ion: 88 Resp: 42142
Ion Ratio Lower Upper
88 100
58 76.5 59.7 89.5
43 28.4 22.6 33.8





#3
Pyridine
Concen: 7.434 ng
RT: 3.610 min Scan# 106
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

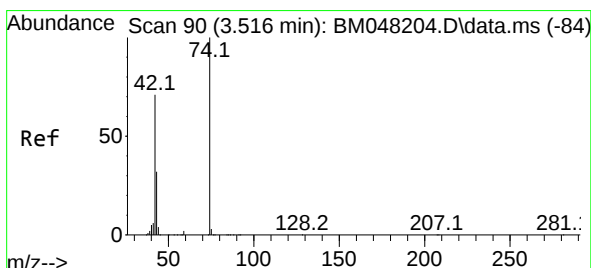
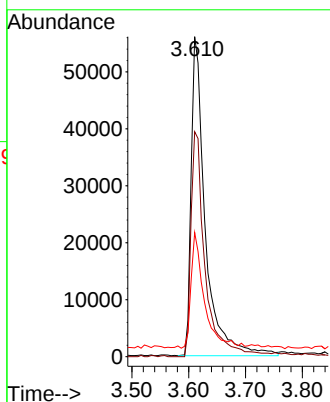
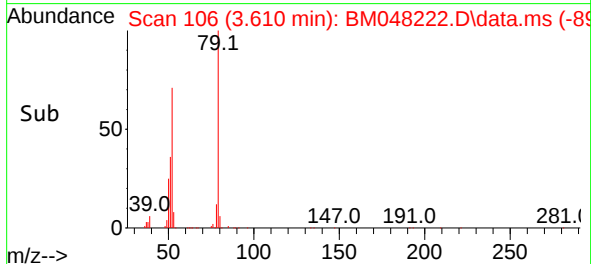
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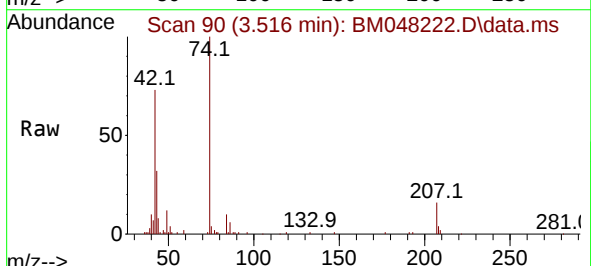
Tgt Ion: 79 Resp: 9746
Ion Ratio Lower Upper
79 100
52 70.3 56.5 84.7
51 38.8 28.5 42.7

Manual Integrations
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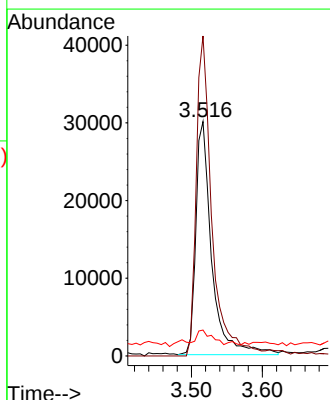
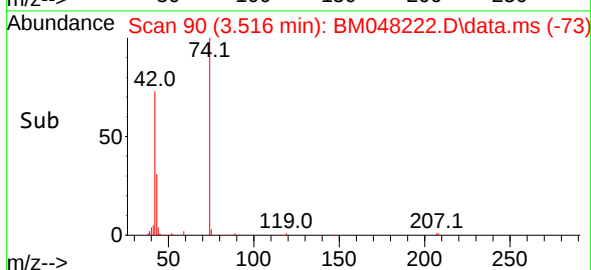
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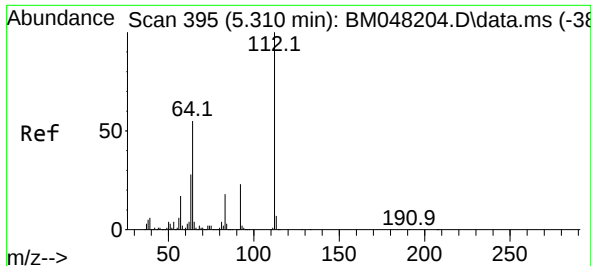


#4
n-Nitrosodimethylamine
Concen: 8.383 ng
RT: 3.516 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27



Tgt Ion: 42 Resp: 46669
Ion Ratio Lower Upper
42 100
74 136.5 111.8 167.6
44 11.0 6.0 9.0





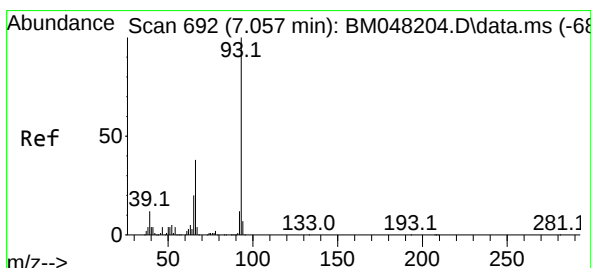
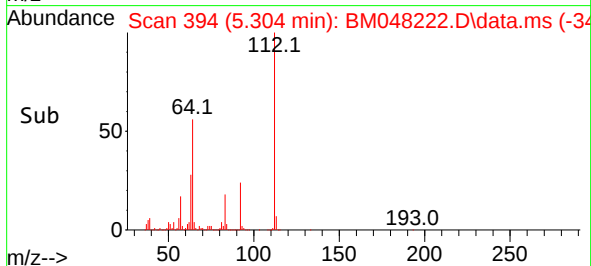
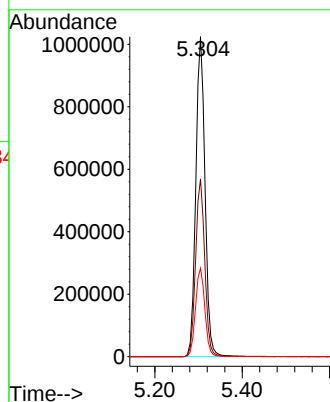
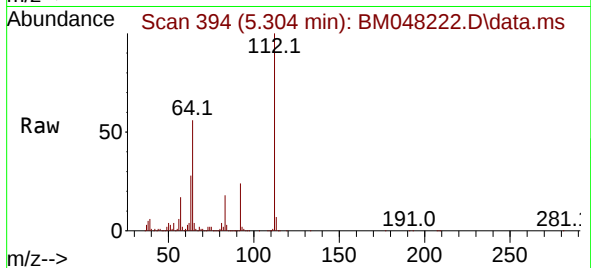
#5
2-Fluorophenol
Concen: 124.667 ng
RT: 5.304 min Scan# 394
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

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

Tgt Ion:112 Resp: 150322
Ion Ratio Lower Upper
112 100
64 55.5 44.2 66.2
63 27.7 22.7 34.1

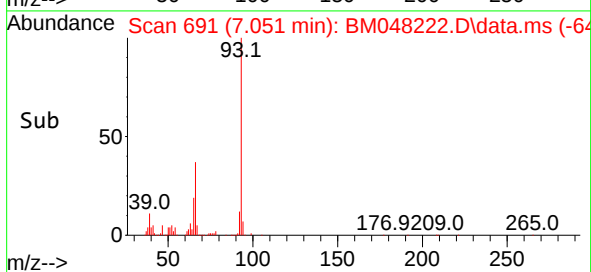
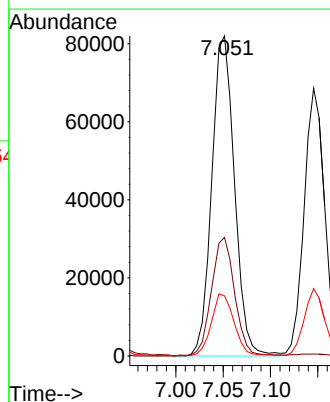
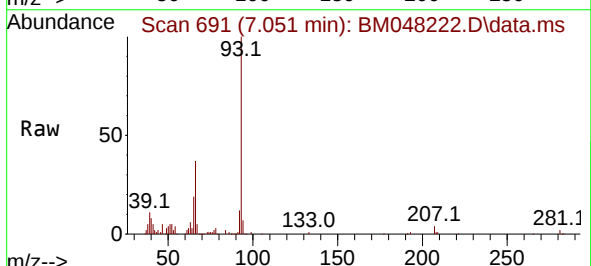
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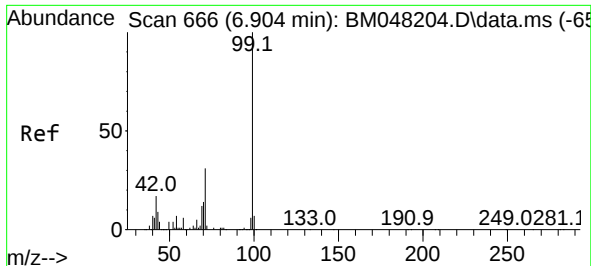
Reviewed By :Yogesh Patel 10/25/2024
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#6
Aniline
Concen: 10.508 ng
RT: 7.051 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

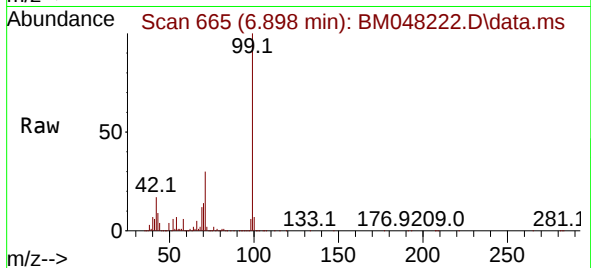
Tgt Ion: 93 Resp: 136973
Ion Ratio Lower Upper
93 100
66 37.1 30.2 45.2
65 18.8 16.2 24.2





#7
Phenol-d6
Concen: 124.822 ng
RT: 6.898 min Scan# 601
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

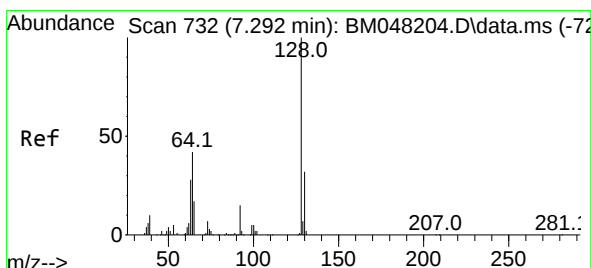
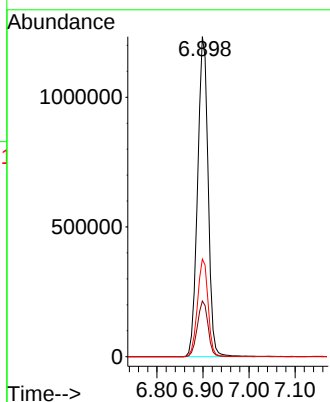
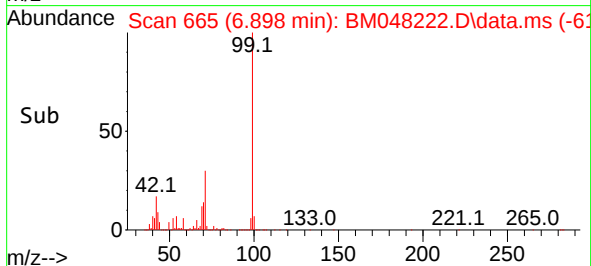
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 99 Resp: 1960100
Ion Ratio Lower Upper
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42 17.4 13.8 20.8
71 30.5 24.9 37.3

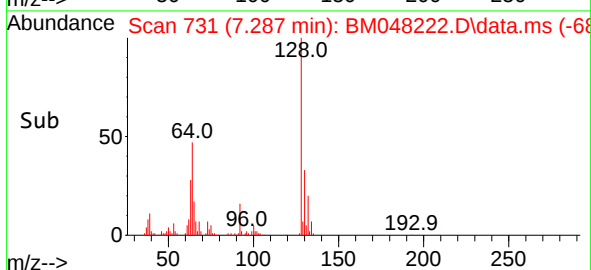
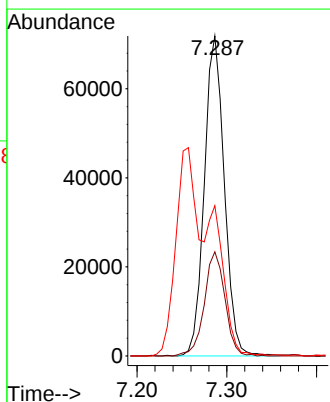
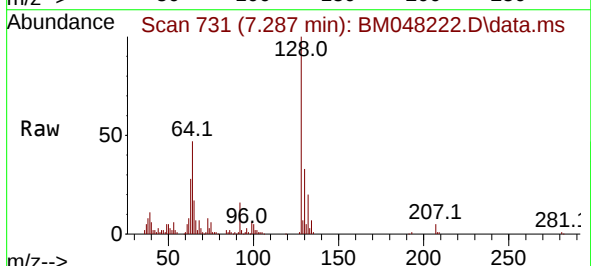
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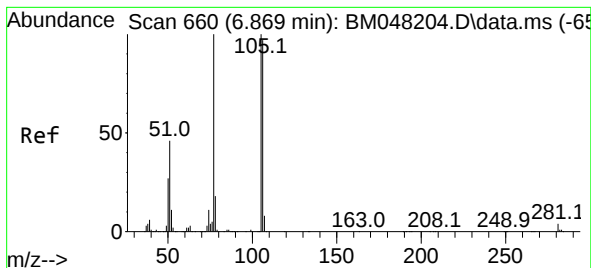
Reviewed By :Yogesh Patel 10/25/2024
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#8
2-Chlorophenol
Concen: 8.497 ng
RT: 7.287 min Scan# 731
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 111305
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 47.0 23.8 63.8





#9

Benzaldehyde

Concen: 11.808 ng m

RT: 6.863 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM048222.D

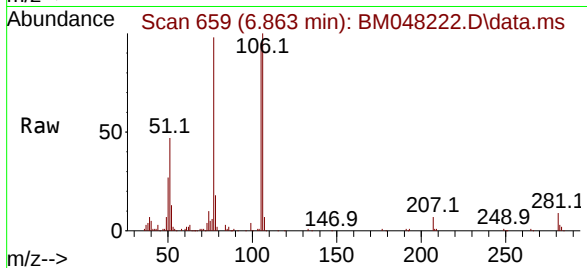
Acq: 24 Oct 2024 18:27

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



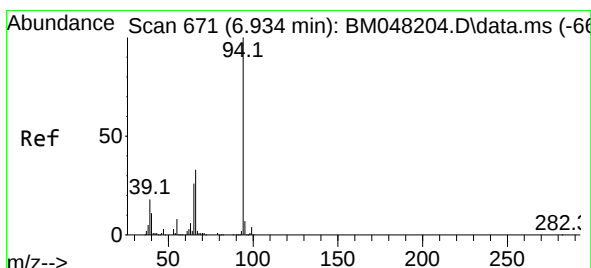
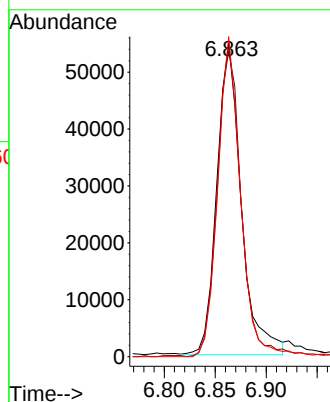
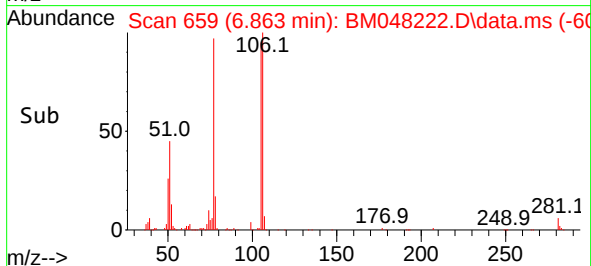
Tgt Ion:	77	Resp:	9109
Ion	Ratio	Lower	Upper
77	100		
105	97.5	79.6	119.6
106	102.1	77.0	117.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#10

Phenol

Concen: 8.347 ng

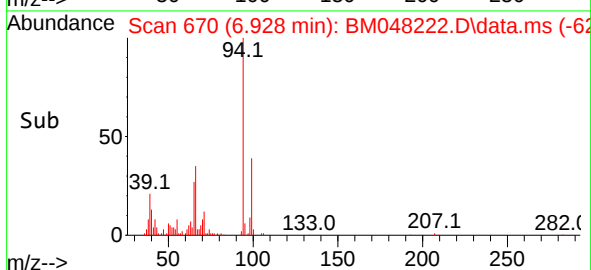
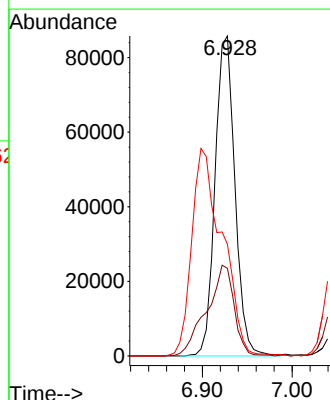
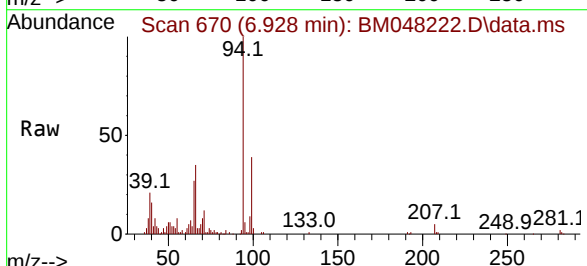
RT: 6.928 min Scan# 670

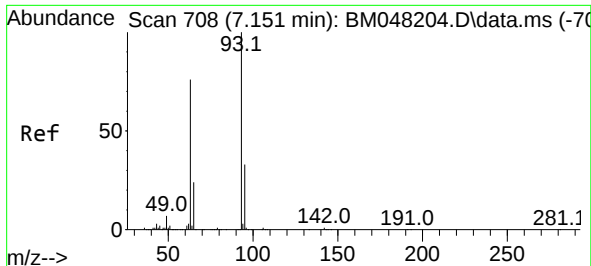
Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

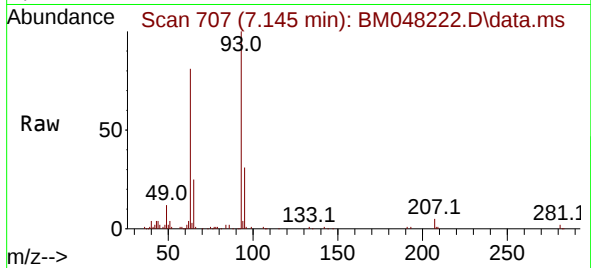
Tgt Ion:	94	Resp:	131873
Ion	Ratio	Lower	Upper
94	100		
65	27.4	6.5	46.5
66	34.9	13.6	53.6





#11
bis(2-Chloroethyl)ether
Concen: 8.273 ng
RT: 7.145 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

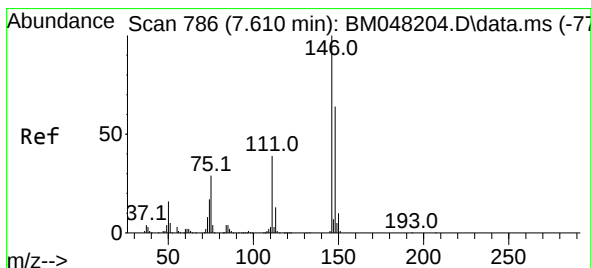
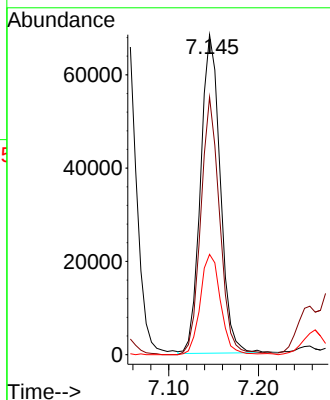
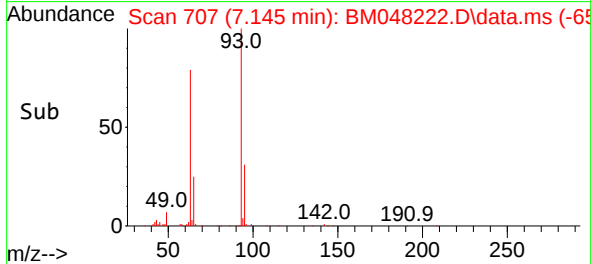
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 93 Resp: 10410
Ion Ratio Lower Upper
93 100
63 80.5 55.3 95.3
95 31.4 12.4 52.4

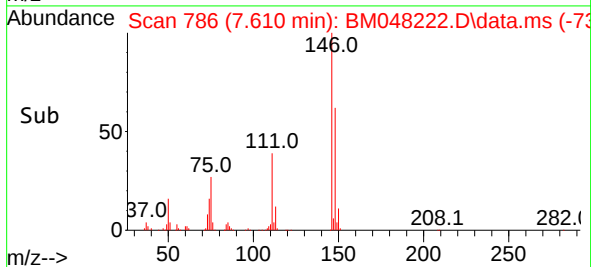
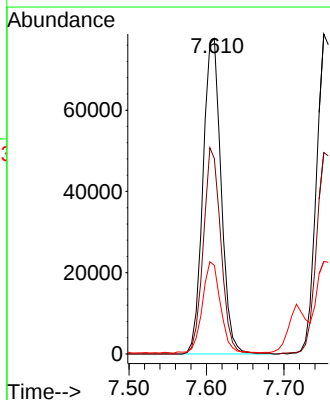
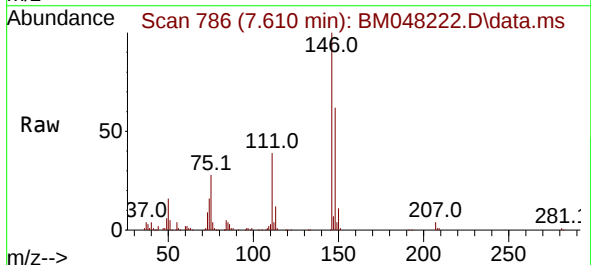
Manual Integrations
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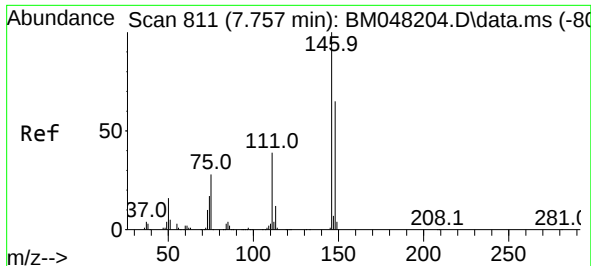
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#12
1,3-Dichlorobenzene
Concen: 8.355 ng
RT: 7.610 min Scan# 786
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

Tgt Ion:146 Resp: 126187
Ion Ratio Lower Upper
146 100
148 61.9 51.0 76.6
75 28.1 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 8.398 ng

RT: 7.751 min Scan# 811

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:146 Resp: 12884

Ion Ratio Lower Upper

146 100

148 63.0 51.7 77.5

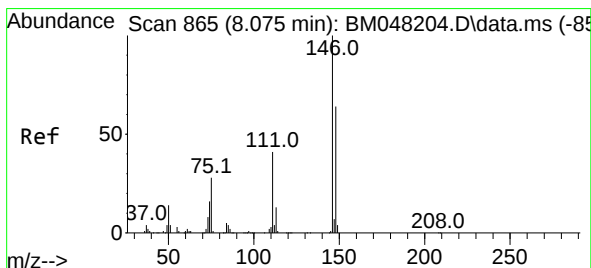
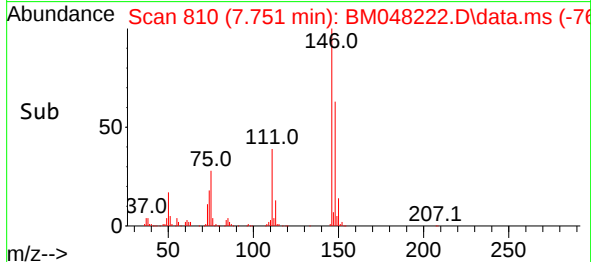
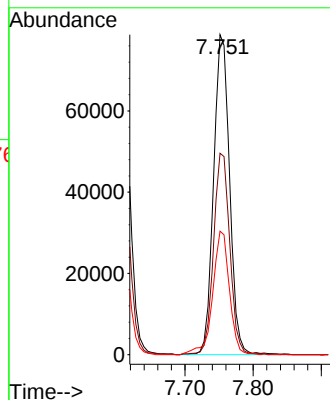
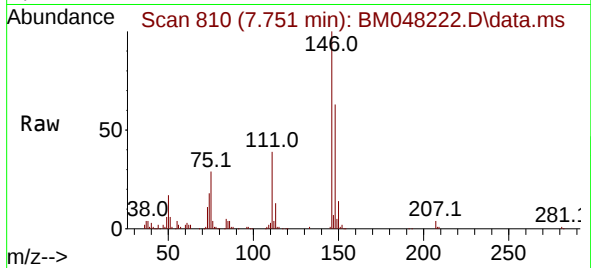
111 38.6 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#14

1,2-Dichlorobenzene

Concen: 8.195 ng

RT: 8.069 min Scan# 864

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

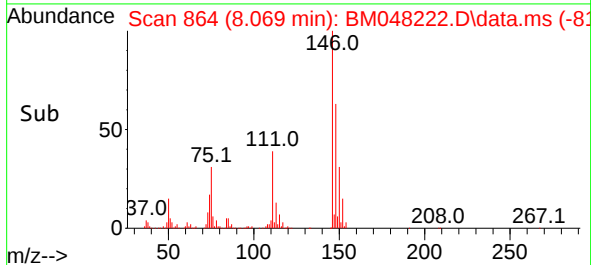
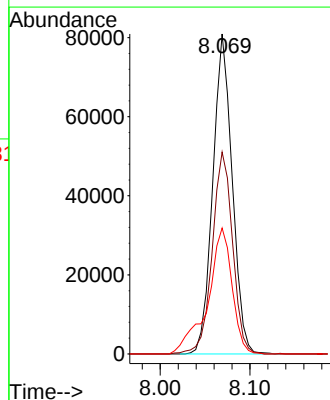
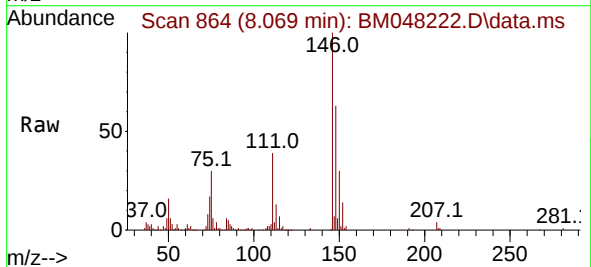
Tgt Ion:146 Resp: 121525

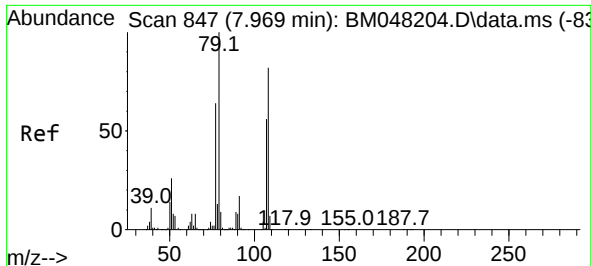
Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

111 39.4 32.7 49.1





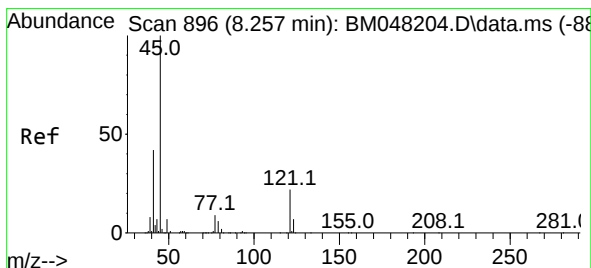
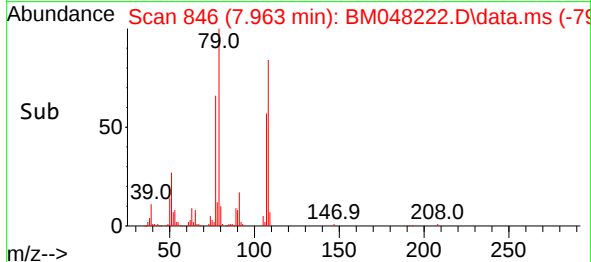
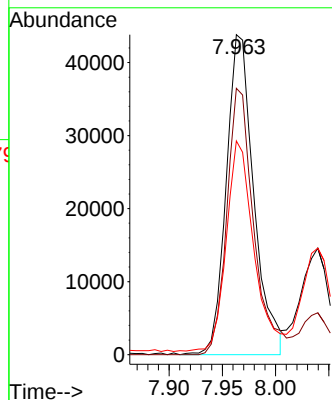
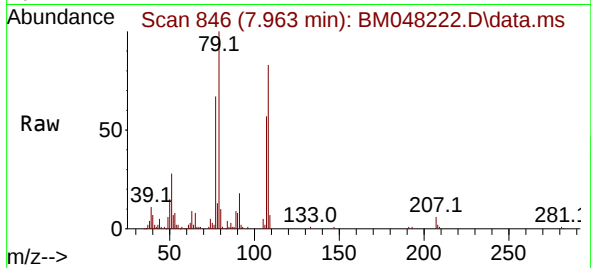
#15
Benzyl Alcohol
Concen: 7.885 ng
RT: 7.963 min Scan# 846
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

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

Tgt Ion: 79 Resp: 7899
Ion Ratio Lower Upper
79 100
108 83.3 65.2 97.8
77 66.8 51.4 77.2

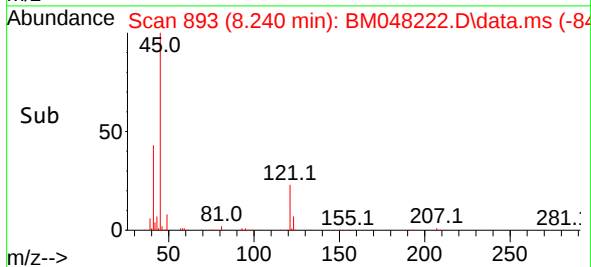
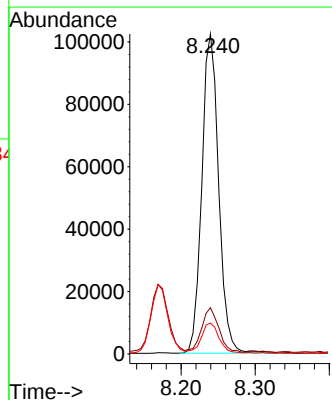
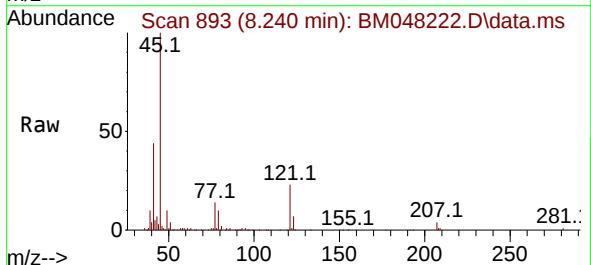
Manual Integrations
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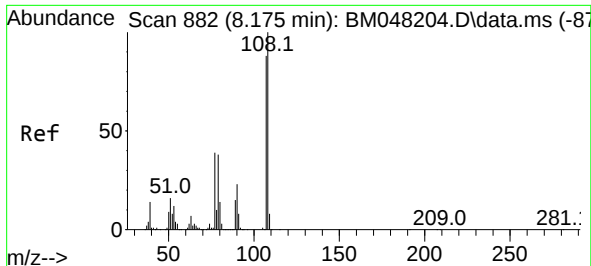
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.795 ng
RT: 8.240 min Scan# 893
Delta R.T. -0.017 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

Tgt Ion: 45 Resp: 161888
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.2
79 9.7 0.0 30.7





#17

2-Methylphenol

Concen: 7.825 ng

RT: 8.169 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM048222.D

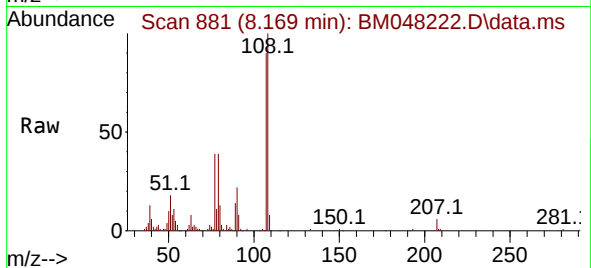
Acq: 24 Oct 2024 18:27

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



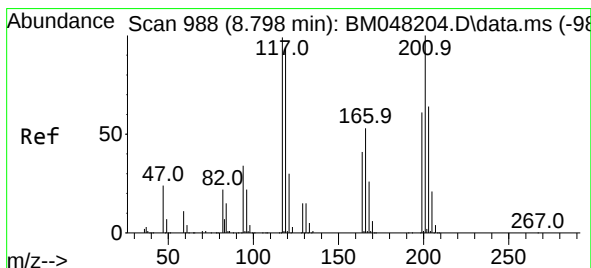
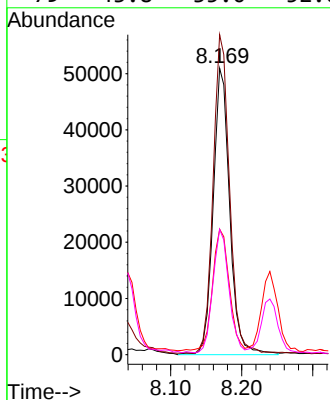
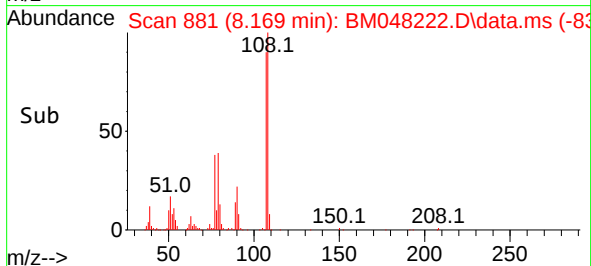
Tgt Ion:	107	Resp:	82140
Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.3	136.9
77	43.8	36.2	54.2
79	43.8	35.0	52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#18

Hexachloroethane

Concen: 8.020 ng

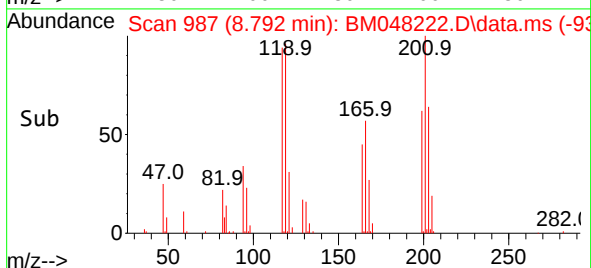
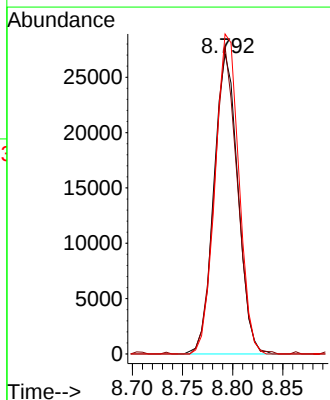
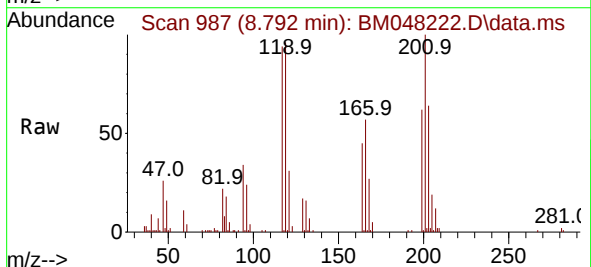
RT: 8.792 min Scan# 987

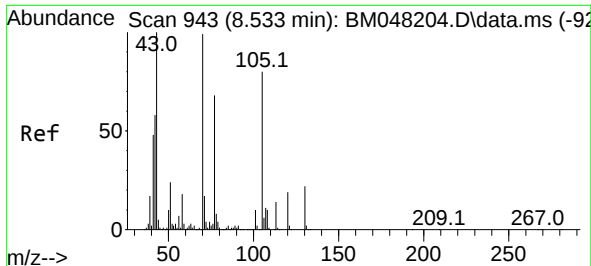
Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

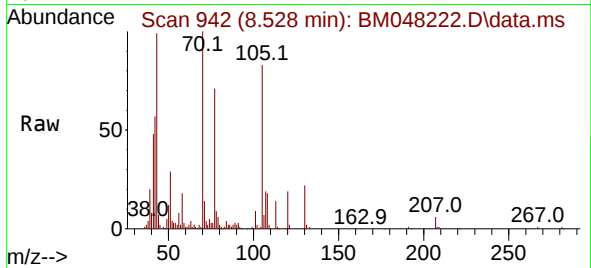
Tgt Ion:	117	Resp:	45101
Ion	Ratio	Lower	Upper
117	100		
119	102.4	76.5	114.7
201	106.7	80.9	121.3





#19
n-Nitroso-di-n-propylamine
Concen: 8.061 ng
RT: 8.528 min Scan# 943
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

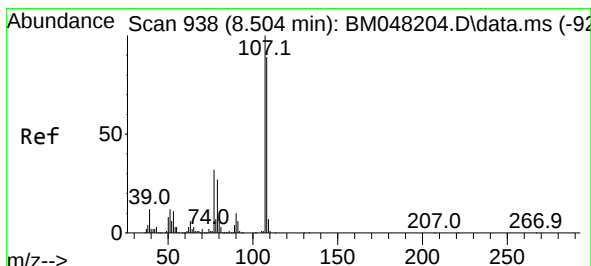
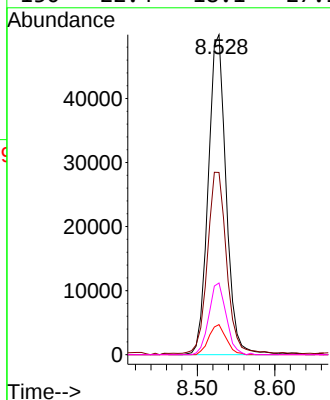
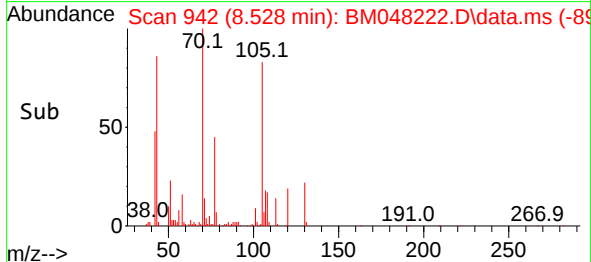
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 70 Resp: 8008
Ion Ratio Lower Upper
70 100
42 57.0 47.0 70.6
101 9.4 7.8 11.6
130 22.4 18.1 27.1

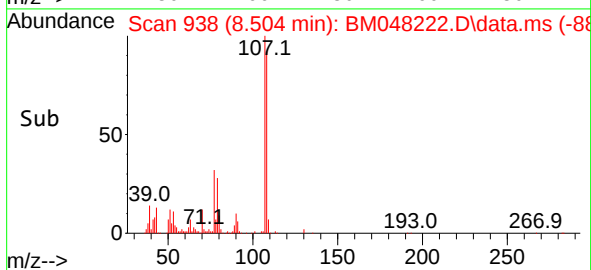
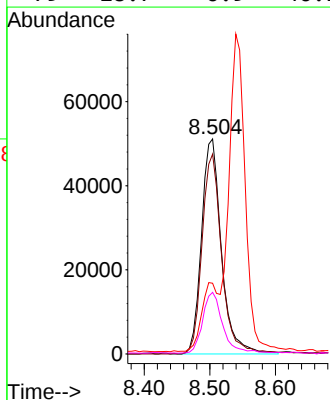
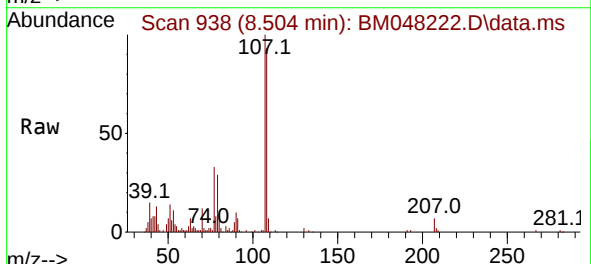
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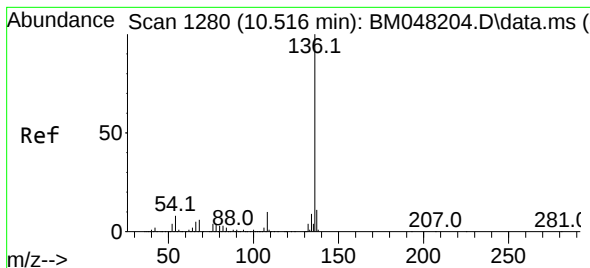
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#20
3+4-Methylphenols
Concen: 7.439 ng
RT: 8.504 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

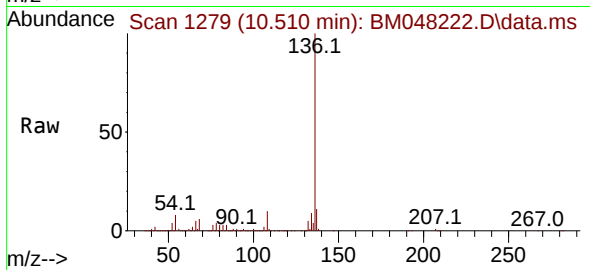
Tgt Ion:107 Resp: 108180
Ion Ratio Lower Upper
107 100
108 92.9 69.0 109.0
77 32.9 12.3 52.3
79 28.7 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

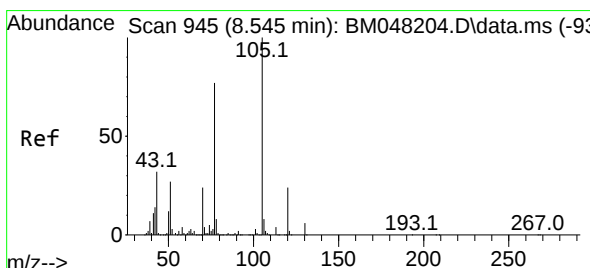
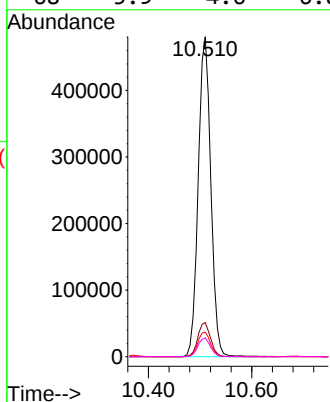
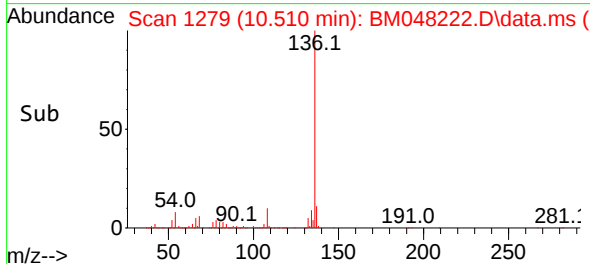
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:136 Resp: 812489
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.6 6.5 9.7
68 5.9 4.6 6.8

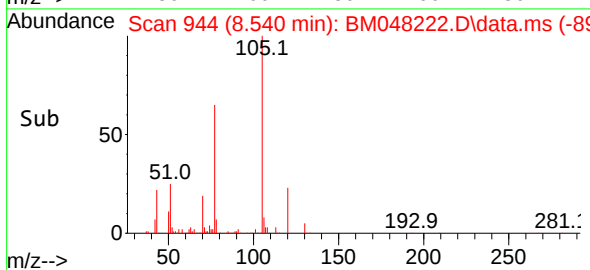
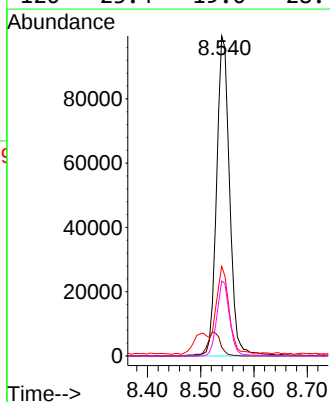
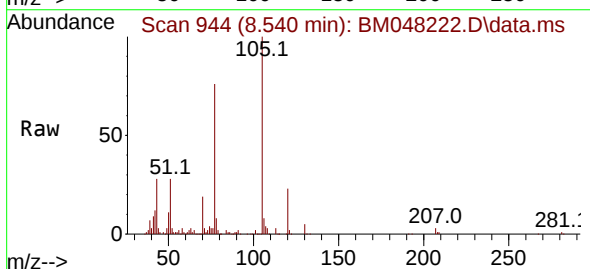
Manual Integrations
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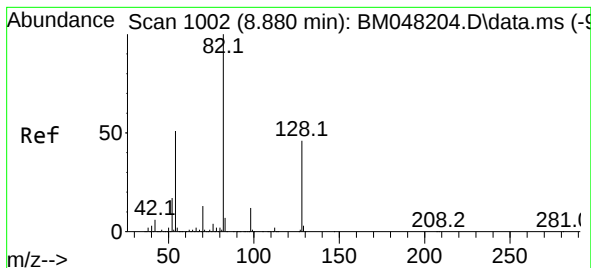
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#22
Acetophenone
Concen: 8.538 ng
RT: 8.540 min Scan# 944
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

Tgt Ion:105 Resp: 169301
Ion Ratio Lower Upper
105 100
71 2.8 3.4 5.0#
51 27.9 21.7 32.5
120 23.4 19.0 28.4





#23

Nitrobenzene-d5

Concen: 90.516 ng

RT: 8.875 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 82 Resp: 1302510

Ion Ratio Lower Upper

82 100

128 44.5 36.6 54.8

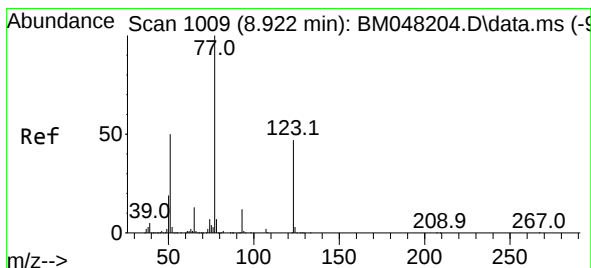
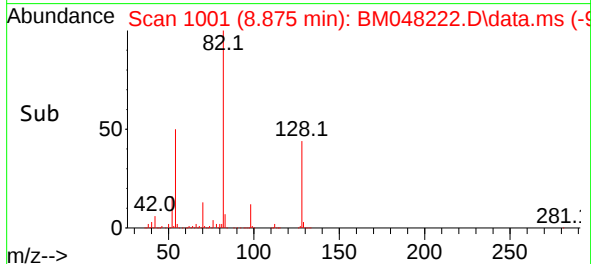
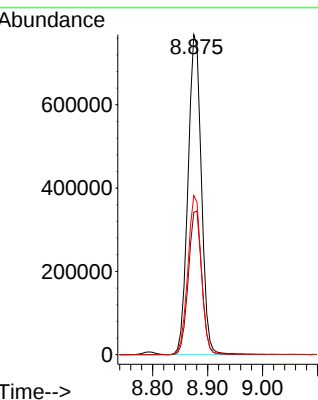
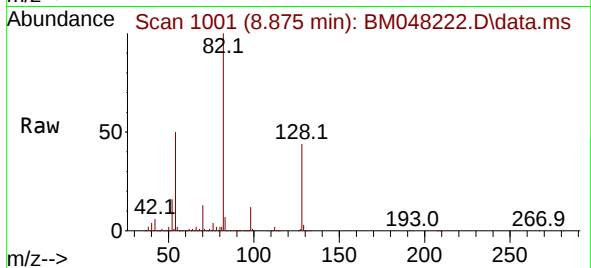
54 49.7 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#24

Nitrobenzene

Concen: 8.016 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

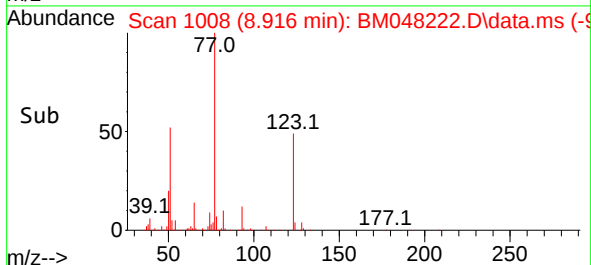
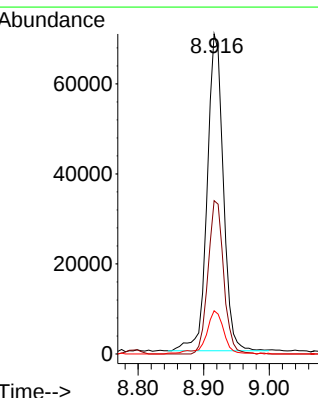
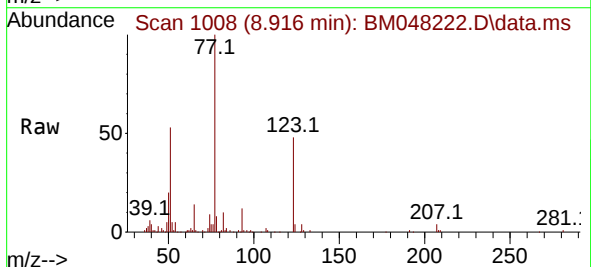
Tgt Ion: 77 Resp: 119514

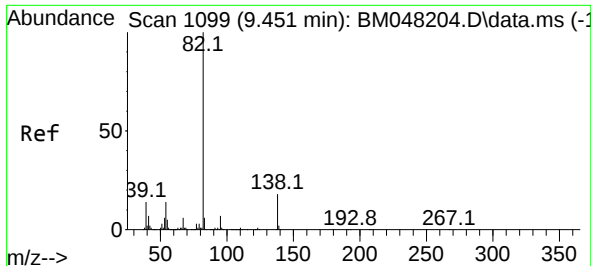
Ion Ratio Lower Upper

77 100

123 47.9 37.8 56.6

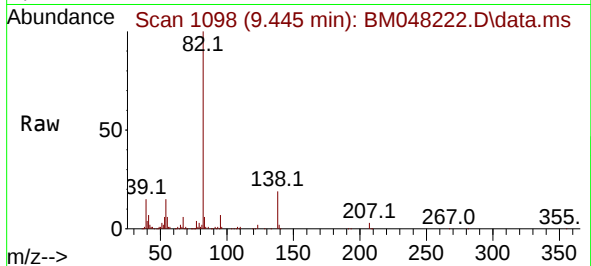
65 13.5 10.4 15.6





#25
Isophorone
Concen: 8.081 ng
RT: 9.445 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

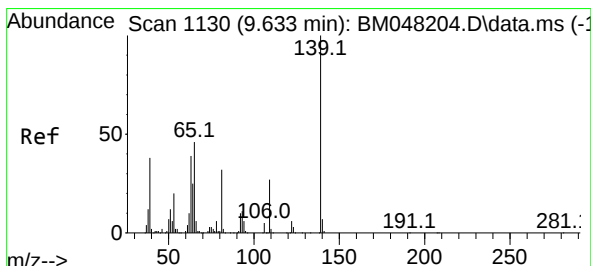
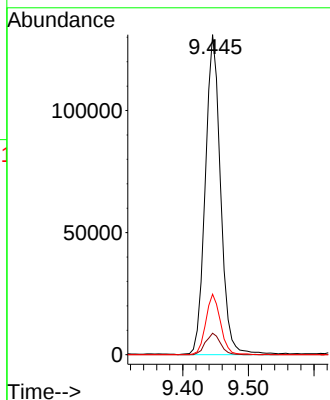
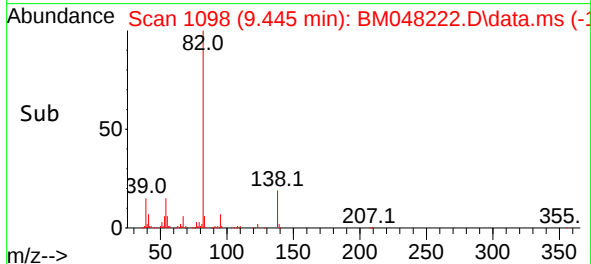
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 82 Resp: 21315
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.9 14.3 21.5

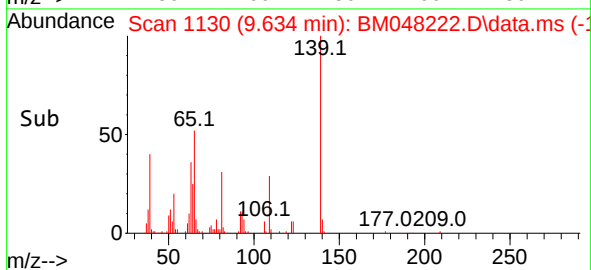
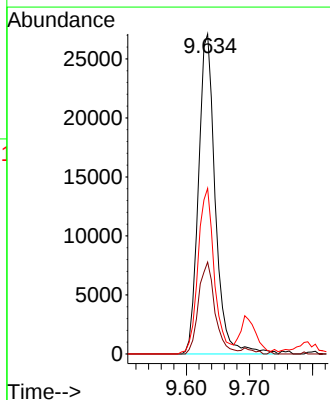
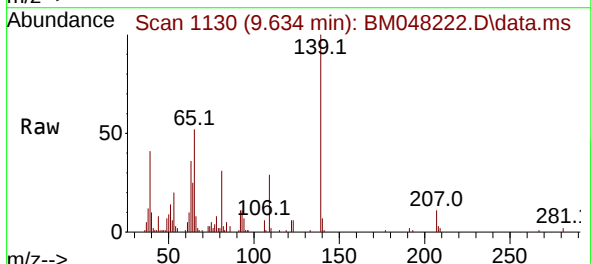
Manual Integrations
APPROVED

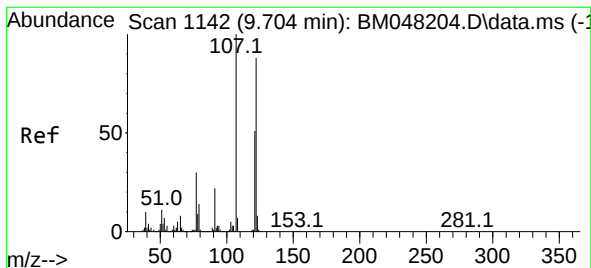
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#26
2-Nitrophenol
Concen: 7.291 ng
RT: 9.634 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

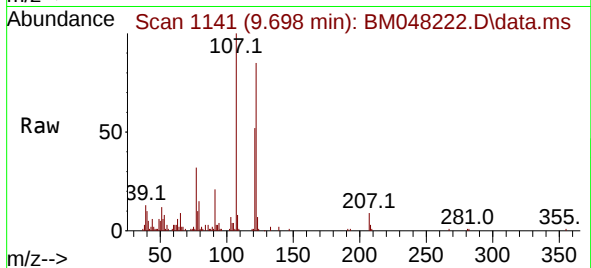
Tgt Ion:139 Resp: 50194
Ion Ratio Lower Upper
139 100
109 28.7 21.2 31.8
65 51.7 36.8 55.2





#27
2,4-Dimethylphenol
Concen: 5.779 ng
RT: 9.698 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

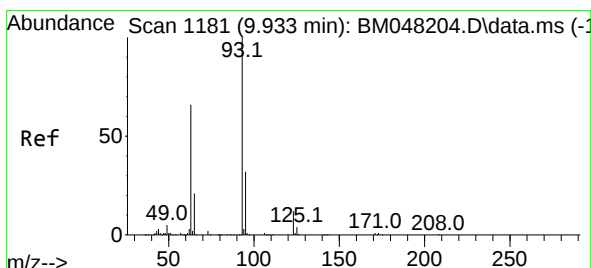
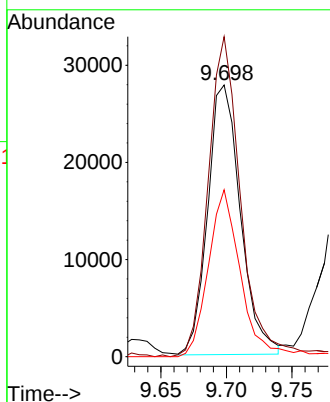
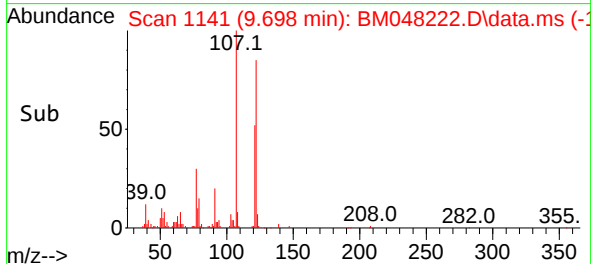
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:122 Resp: 48270
Ion Ratio Lower Upper
122 100
107 117.8 91.0 136.6
121 61.4 46.1 69.1

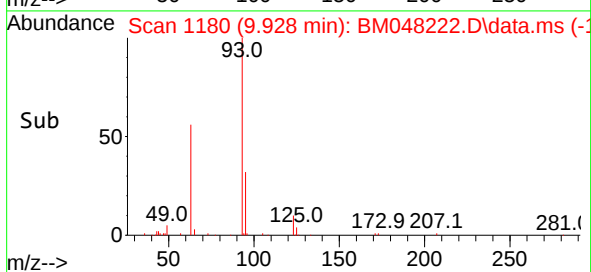
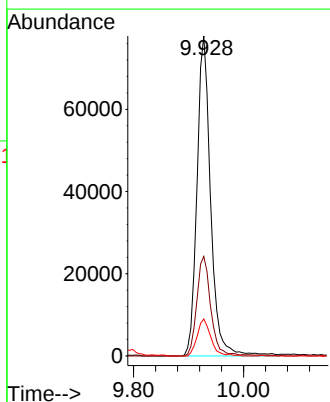
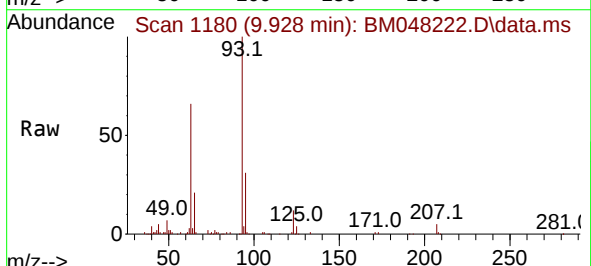
Manual Integrations
APPROVED

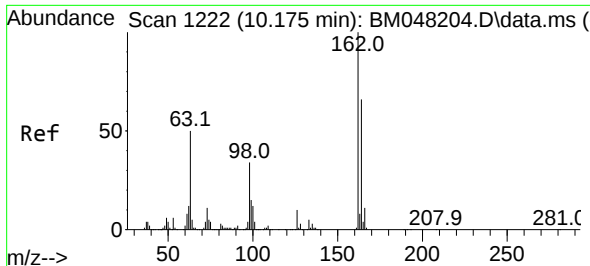
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#28
bis(2-Chloroethoxy)methane
Concen: 8.066 ng
RT: 9.928 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

Tgt Ion: 93 Resp: 134622
Ion Ratio Lower Upper
93 100
95 31.1 25.3 37.9
123 11.6 9.8 14.6





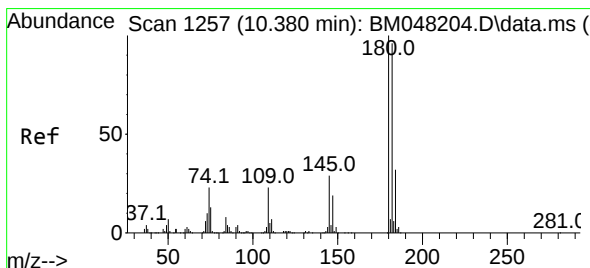
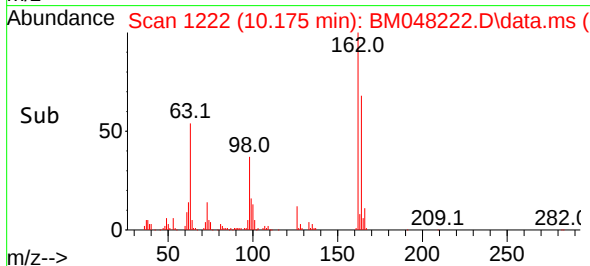
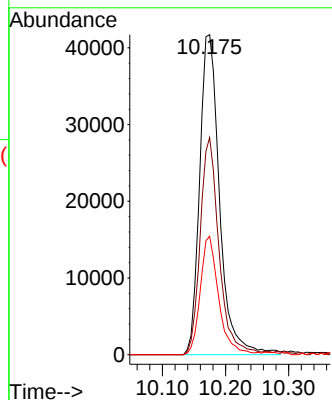
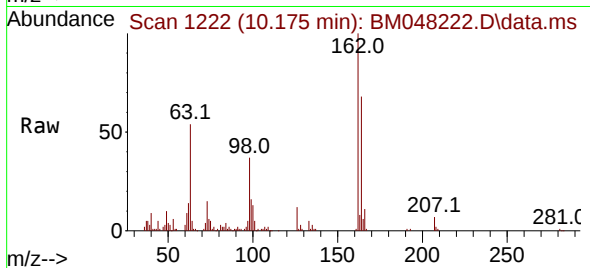
#29
2,4-Dichlorophenol
Concen: 7.611 ng
RT: 10.175 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

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

Tgt Ion:162 Resp: 91440
Ion Ratio Lower Upper
162 100
164 67.8 46.0 86.0
98 37.0 14.4 54.4

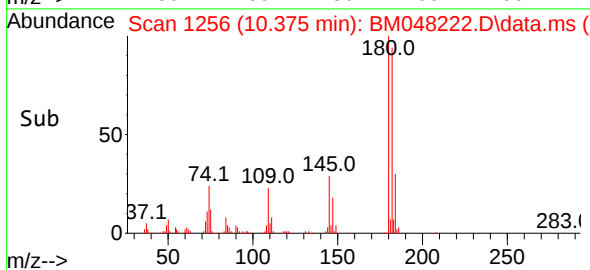
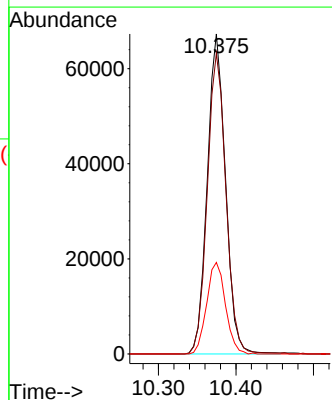
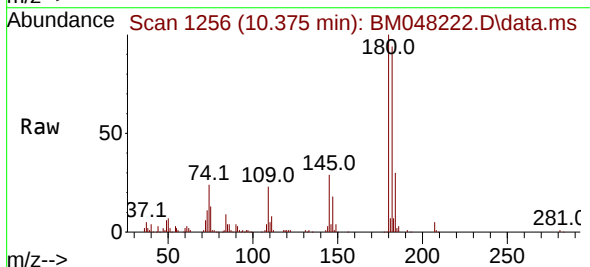
Manual Integrations
APPROVED

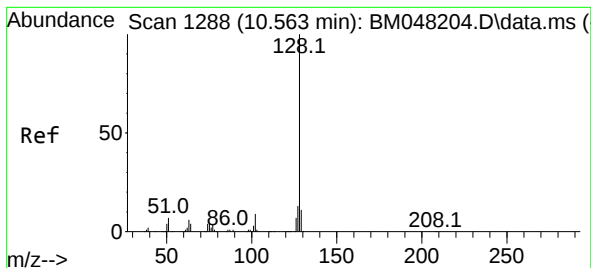
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#30
1,2,4-Trichlorobenzene
Concen: 7.996 ng
RT: 10.375 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

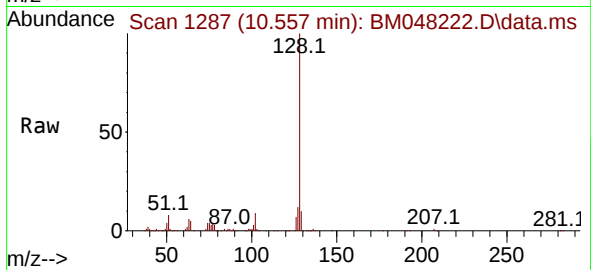
Tgt Ion:180 Resp: 110022
Ion Ratio Lower Upper
180 100
182 94.0 76.6 115.0
145 28.6 23.4 35.2





#31
Naphthalene
Concen: 8.073 ng
RT: 10.557 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

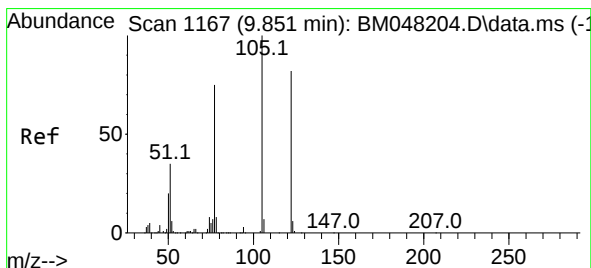
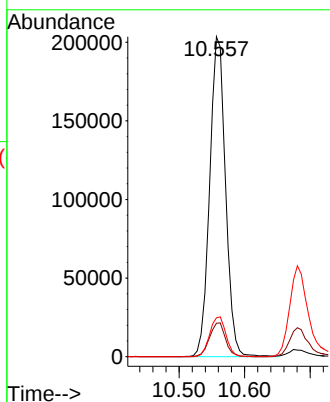
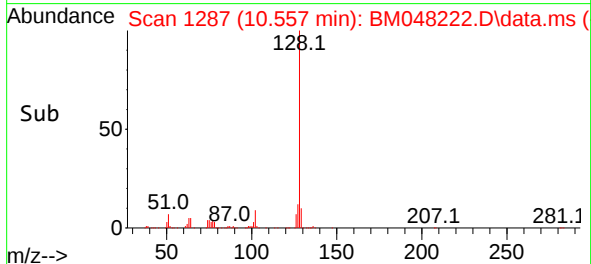
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:128 Resp: 342084
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.2 10.2 15.2

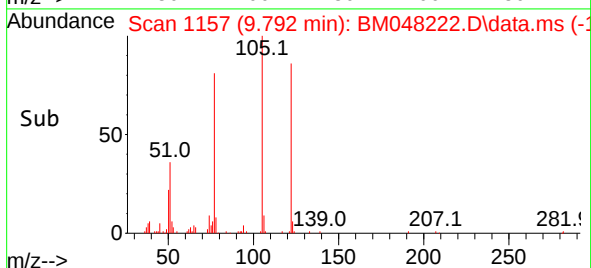
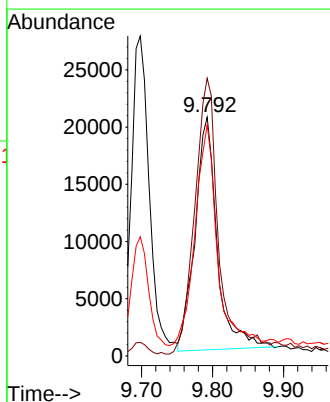
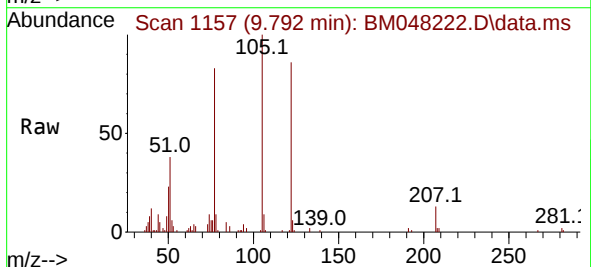
Manual Integrations
APPROVED

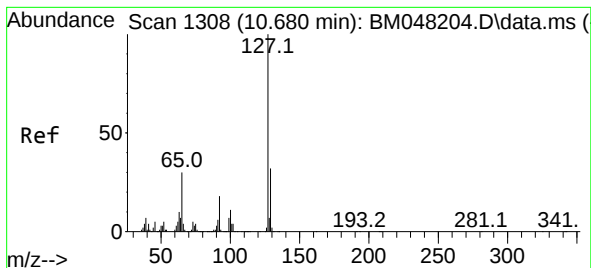
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#32
Benzoic acid
Concen: 4.737 ng
RT: 9.792 min Scan# 1157
Delta R.T. -0.059 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

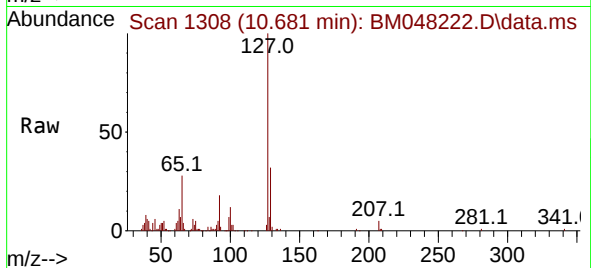
Tgt Ion:122 Resp: 44040
Ion Ratio Lower Upper
122 100
105 116.4 99.3 139.3
77 96.8 70.4 110.4





#33
4-Chloroaniline
Concen: 8.758 ng
RT: 10.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

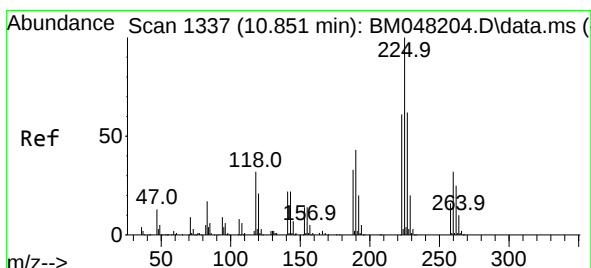
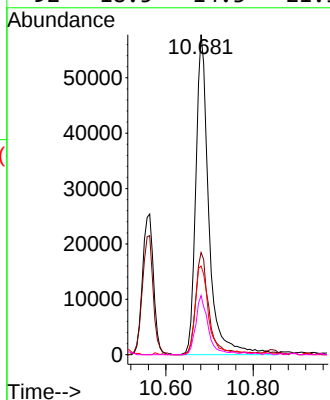
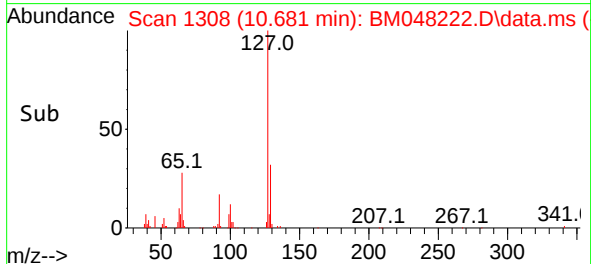
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:127 Resp: 120369
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.6
65 27.7 23.7 35.5
92 18.5 14.3 21.5

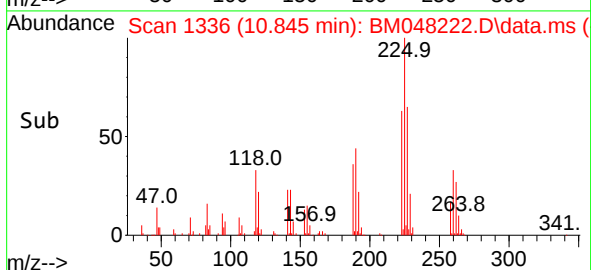
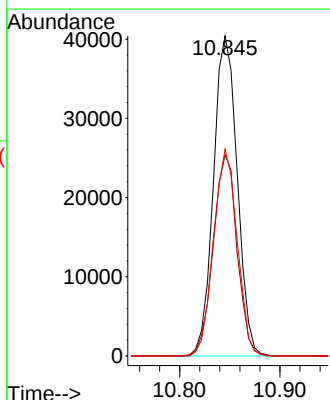
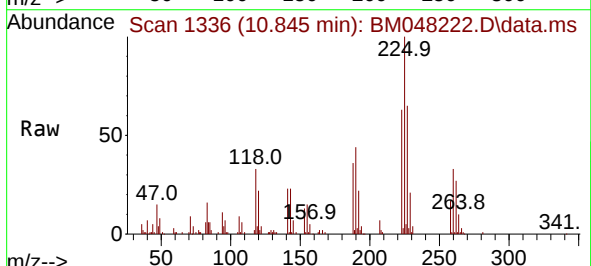
Manual Integrations
APPROVED

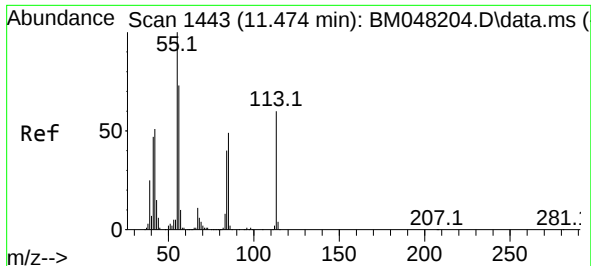
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#34
Hexachlorobutadiene
Concen: 7.800 ng
RT: 10.845 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

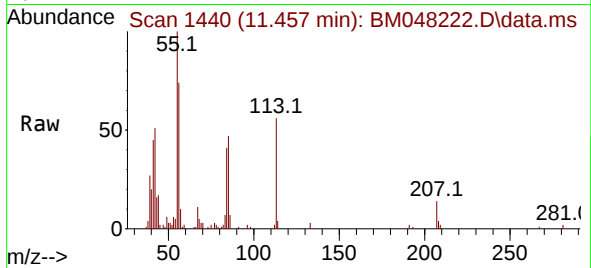
Tgt Ion:225 Resp: 66521
Ion Ratio Lower Upper
225 100
223 62.8 48.6 73.0
227 64.6 49.6 74.4





#35
Caprolactam
Concen: 6.816 ng
RT: 11.457 min Scan# 1443
Delta R.T. -0.017 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

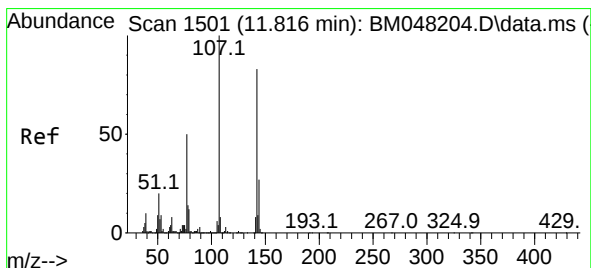
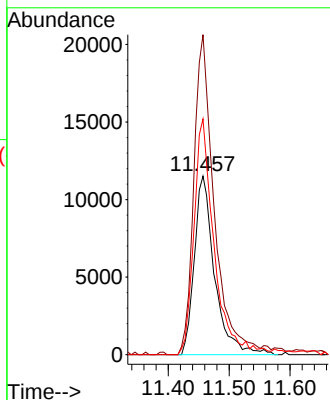
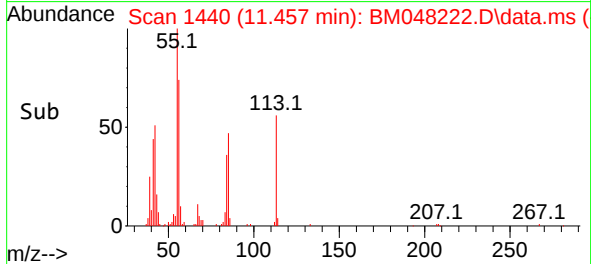
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:113 Resp: 2660
Ion Ratio Lower Upper
113 100
55 179.3 146.1 186.1
56 132.1 101.9 141.9

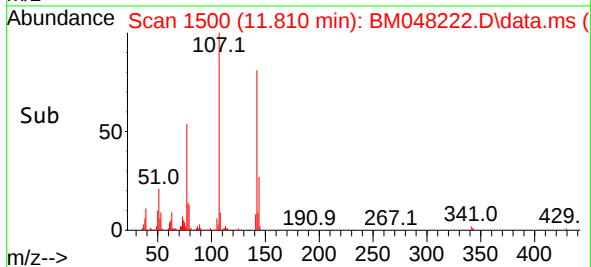
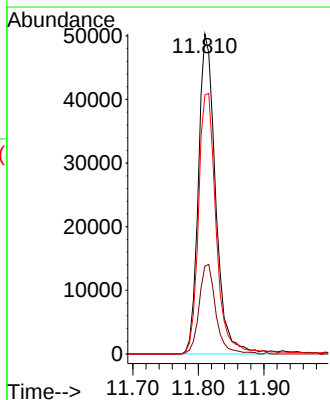
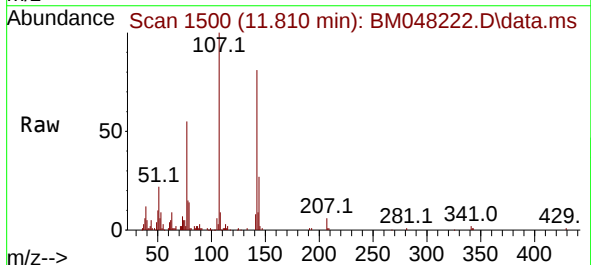
Manual Integrations
APPROVED

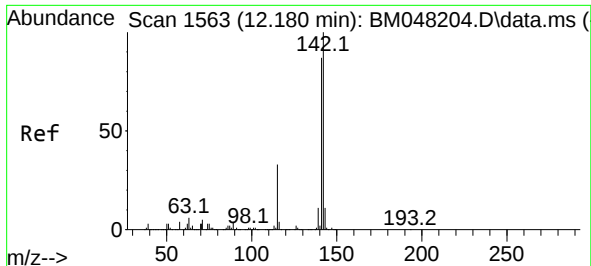
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#36
4-Chloro-3-methylphenol
Concen: 7.348 ng
RT: 11.810 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

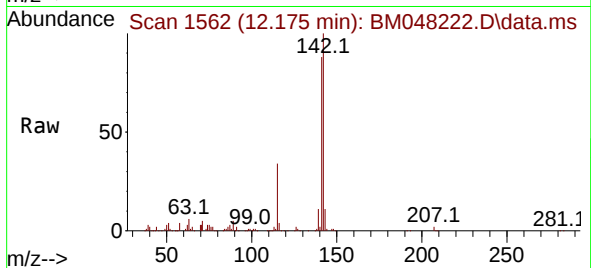
Tgt Ion:107 Resp: 92167
Ion Ratio Lower Upper
107 100
144 27.4 21.5 32.3
142 80.9 66.8 100.2





#37
2-Methylnaphthalene
Concen: 7.933 ng
RT: 12.175 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

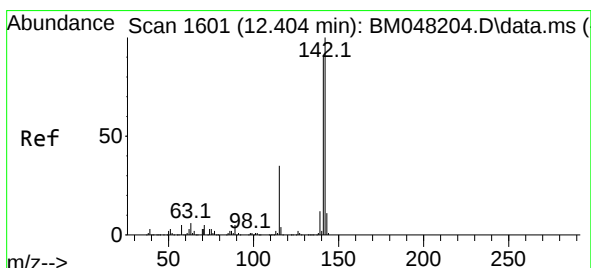
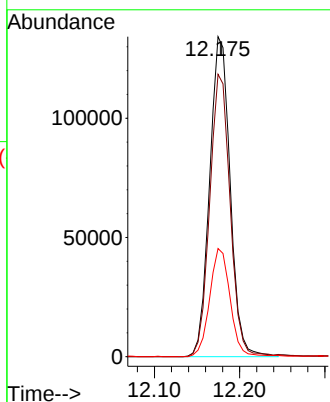
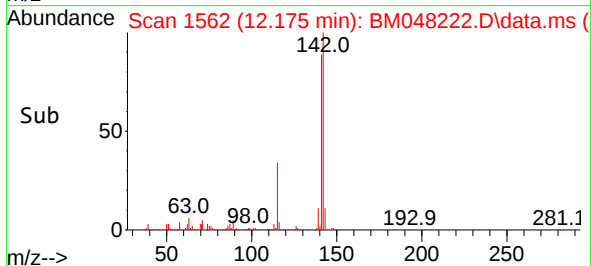
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



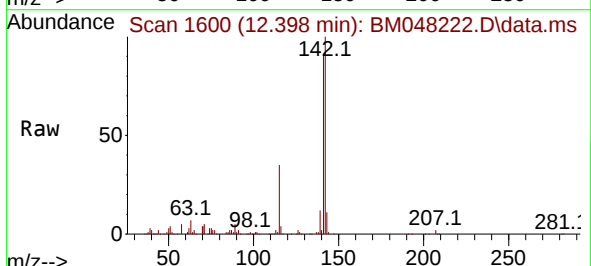
Tgt Ion:142 Resp: 224599
Ion Ratio Lower Upper
142 100
141 88.2 69.8 104.6
115 33.8 26.3 39.5

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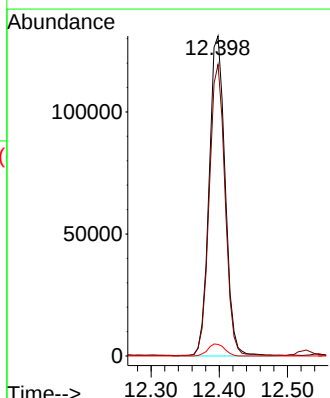
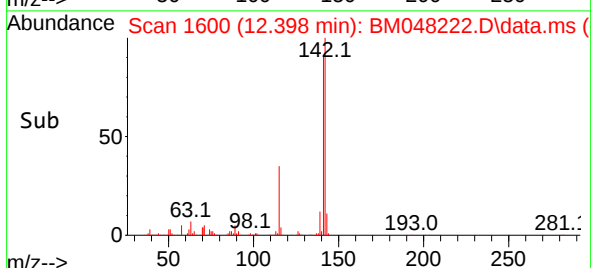
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

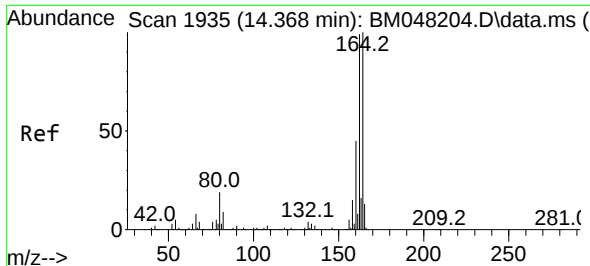


#38
1-Methylnaphthalene
Concen: 7.649 ng
RT: 12.398 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27



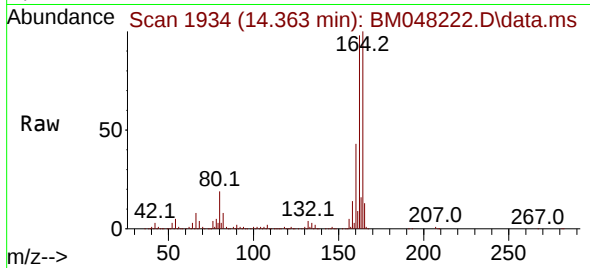
Tgt Ion:142 Resp: 214744
Ion Ratio Lower Upper
142 100
141 91.1 72.7 109.1
116 3.6 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

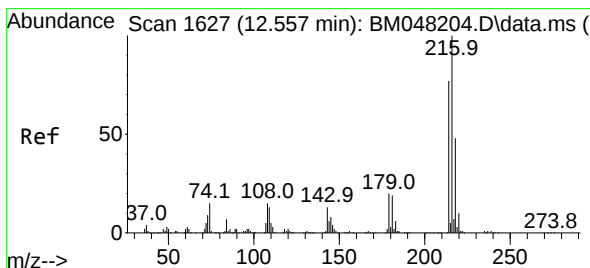
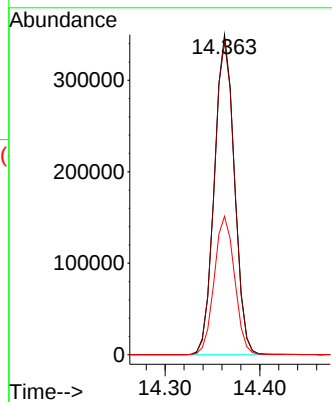
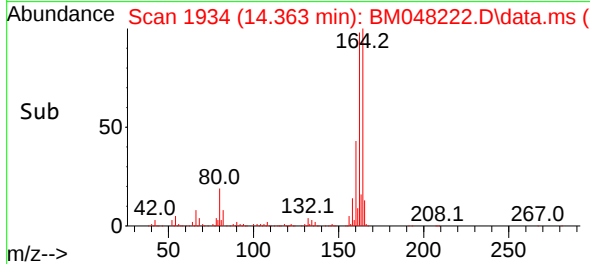
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:164 Resp: 512540
Ion Ratio Lower Upper
164 100
162 97.8 79.1 118.7
160 43.2 35.8 53.8

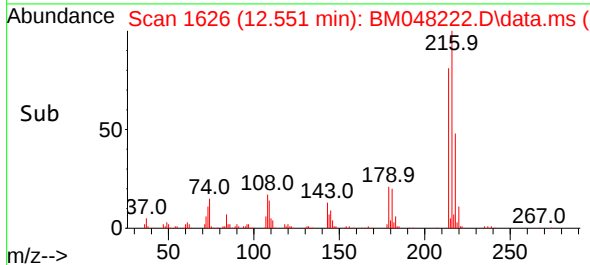
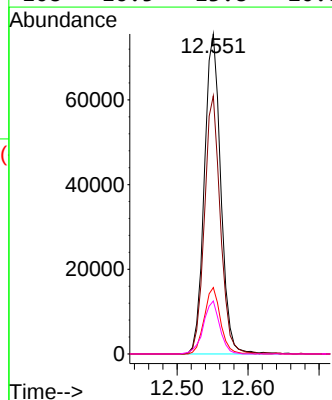
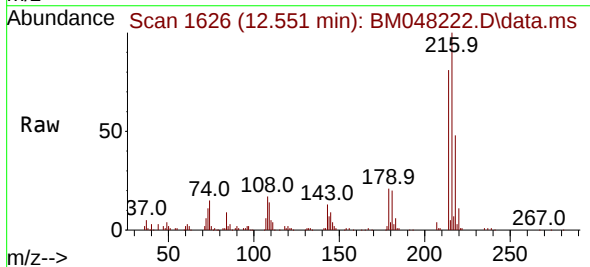
Manual Integrations
APPROVED

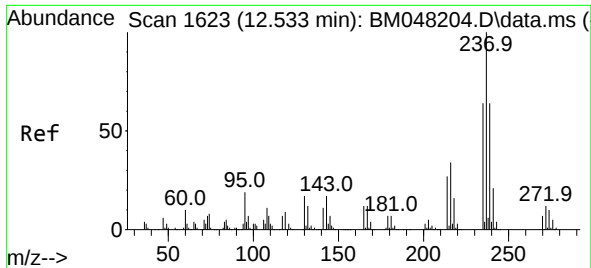
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.307 ng
RT: 12.551 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

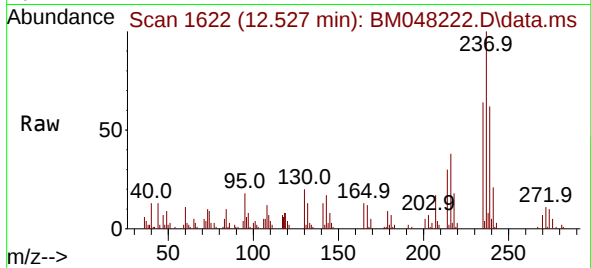
Tgt Ion:216 Resp: 121696
Ion Ratio Lower Upper
216 100
214 78.1 62.2 93.2
179 20.5 16.0 24.0
108 16.5 13.8 20.8





#41
Hexachlorocyclopentadiene
Concen: 5.471 ng
RT: 12.527 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

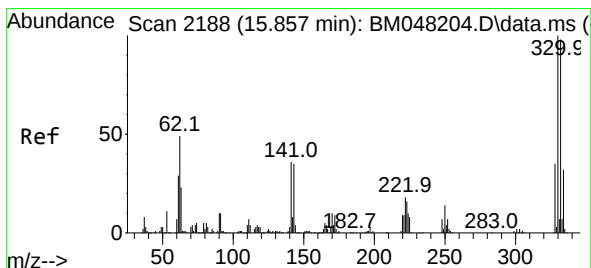
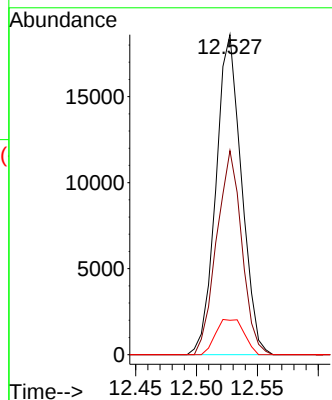
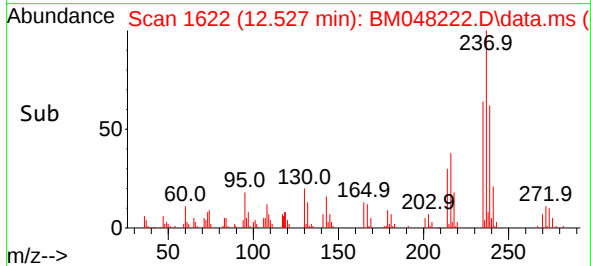
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:237 Resp: 27120
Ion Ratio Lower Upper
237 100
235 63.7 44.2 84.2
272 10.7 0.0 32.4

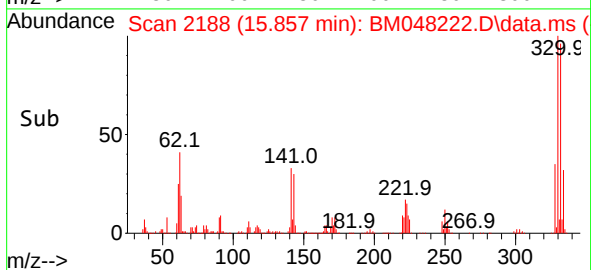
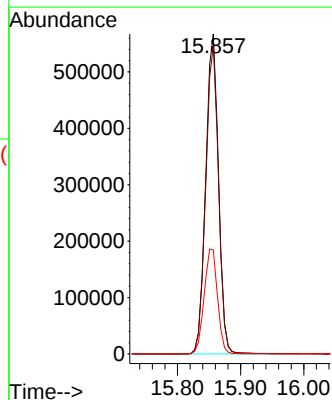
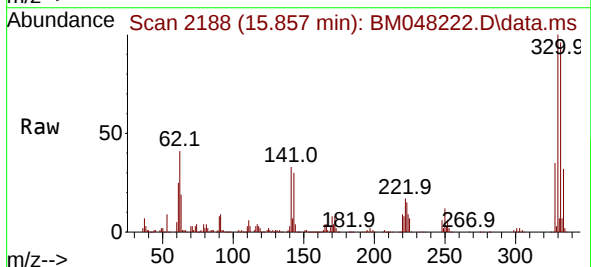
Manual Integrations
APPROVED

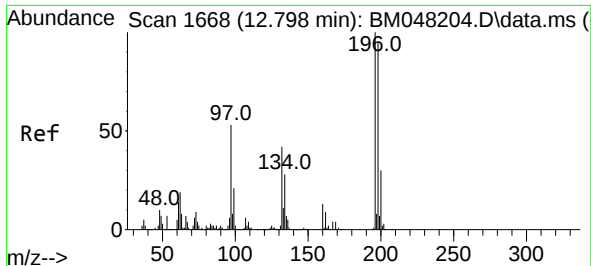
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#42
2,4,6-Tribromophenol
Concen: 127.346 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

Tgt Ion:330 Resp: 798921
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 34.2 27.5 41.3





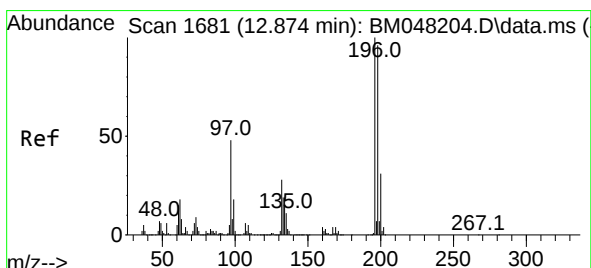
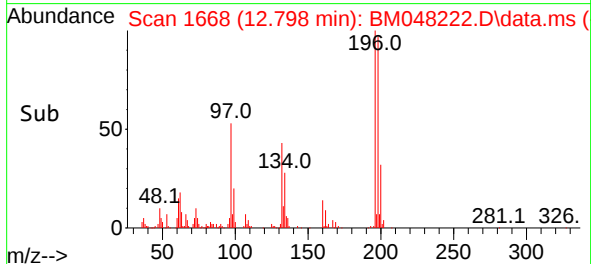
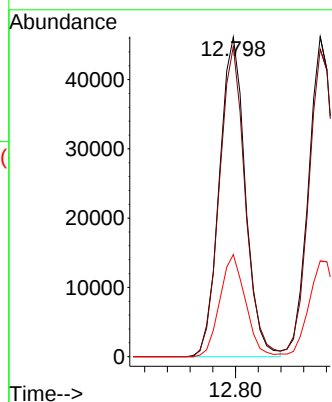
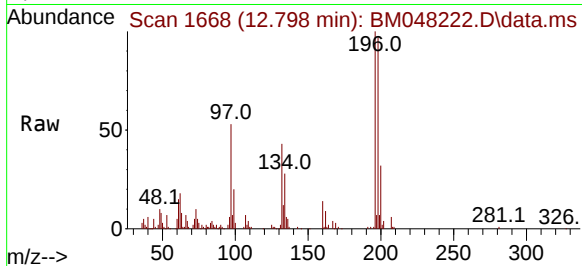
#43
2,4,6-Trichlorophenol
Concen: 7.538 ng
RT: 12.798 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

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

Tgt Ion:196 Resp: 73285
Ion Ratio Lower Upper
196 100
198 97.0 76.2 114.2
200 31.9 24.2 36.2

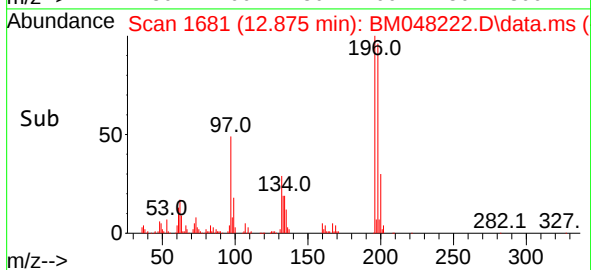
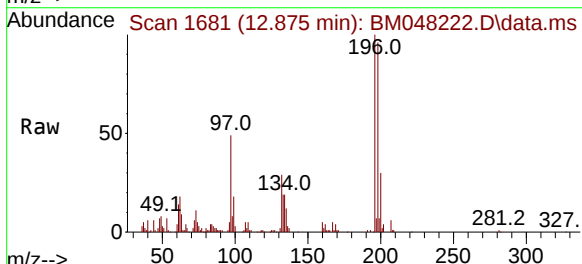
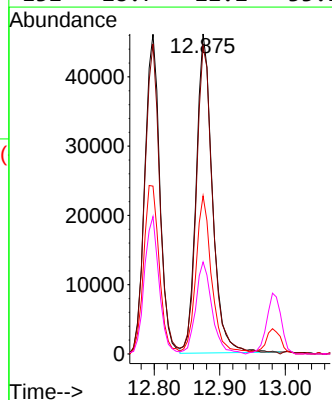
Manual Integrations
APPROVED

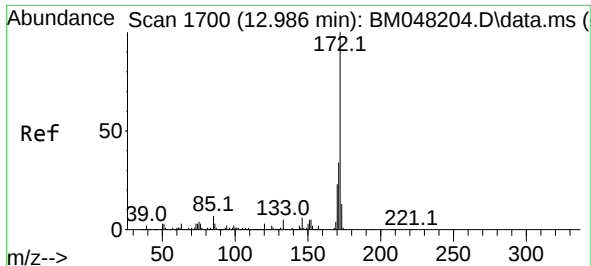
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#44
2,4,5-Trichlorophenol
Concen: 7.295 ng
RT: 12.875 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

Tgt Ion:196 Resp: 79088
Ion Ratio Lower Upper
196 100
198 96.1 76.7 115.1
97 49.4 38.5 57.7
132 28.7 22.2 33.2





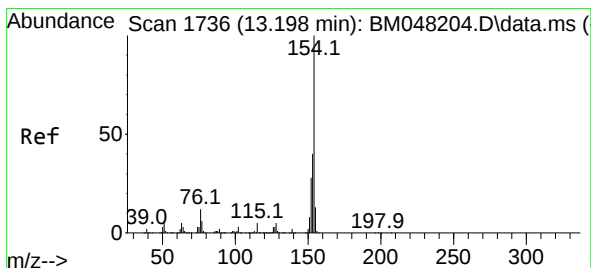
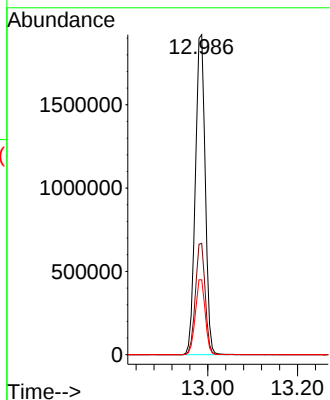
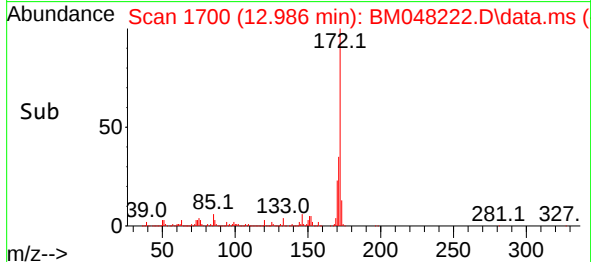
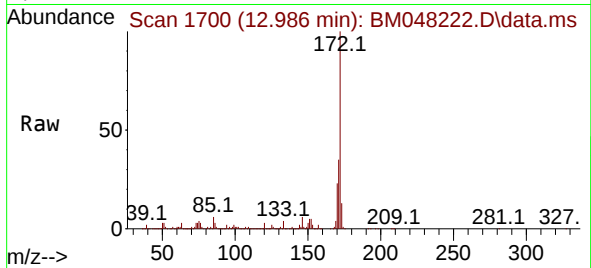
#45
2-Fluorobiphenyl
Concen: 87.884 ng
RT: 12.986 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

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

Tgt Ion:172 Resp: 293545
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.4 18.5 27.7

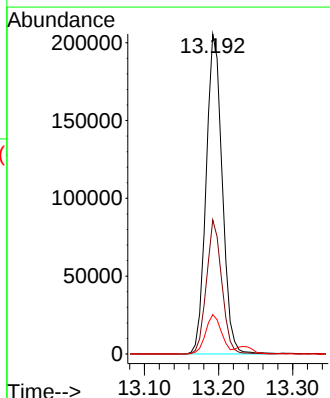
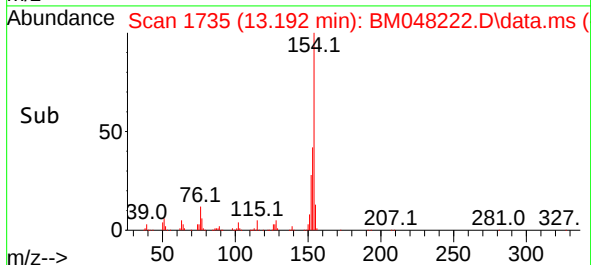
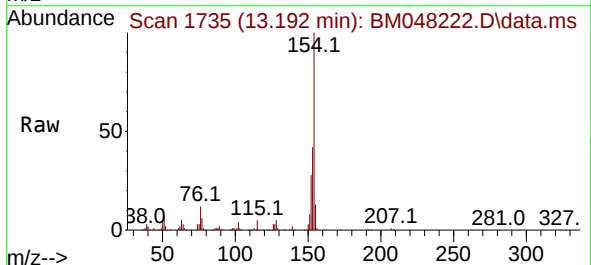
Manual Integrations
APPROVED

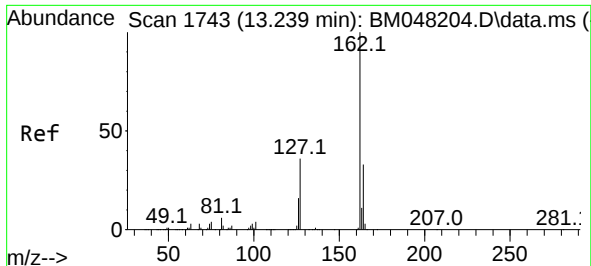
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#46
1,1'-Biphenyl
Concen: 8.485 ng
RT: 13.192 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

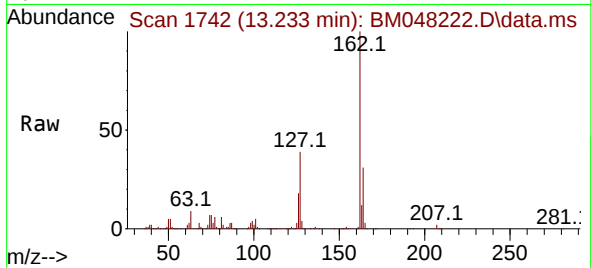
Tgt Ion:154 Resp: 310499
Ion Ratio Lower Upper
154 100
153 41.9 19.9 59.9
76 12.3 0.0 32.4





#47
2-Chloronaphthalene
Concen: 8.037 ng
RT: 13.233 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

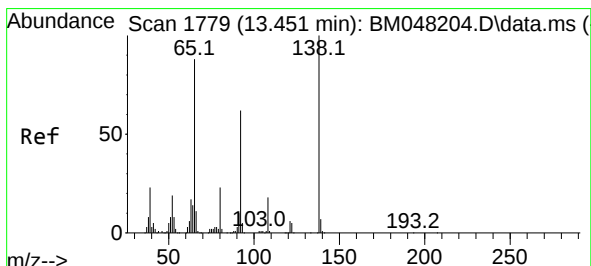
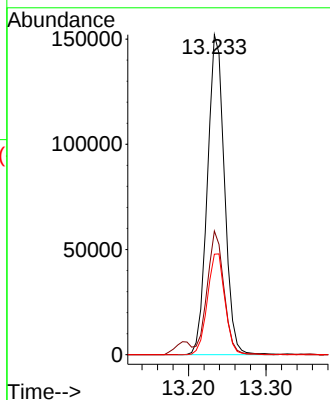
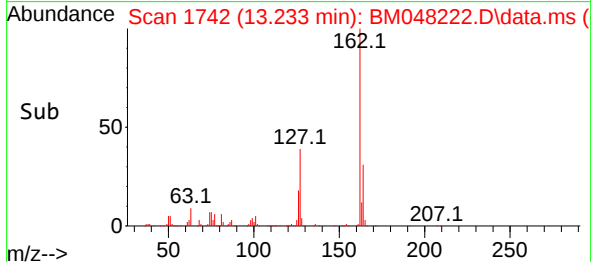
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:162 Resp: 231900
Ion Ratio Lower Upper
162 100
127 38.7 31.0 46.6
164 31.4 26.2 39.4

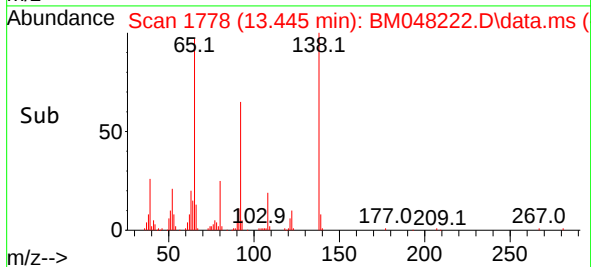
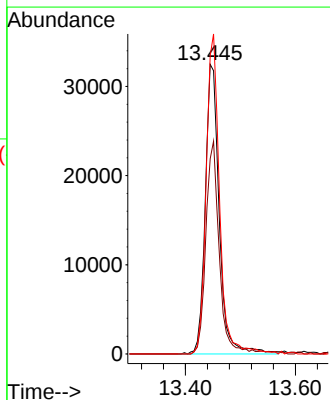
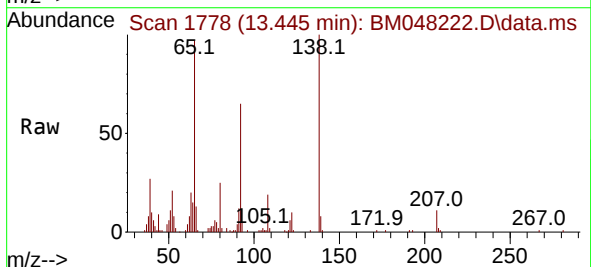
Manual Integrations
APPROVED

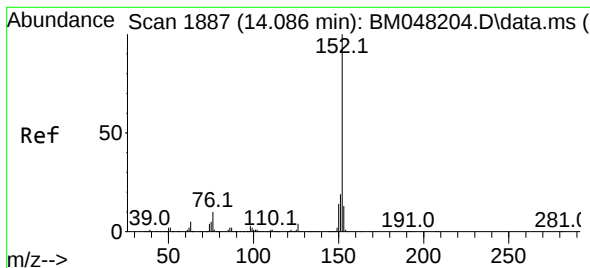
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#48
2-Nitroaniline
Concen: 7.333 ng
RT: 13.445 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

Tgt Ion: 65 Resp: 57390
Ion Ratio Lower Upper
65 100
92 67.4 56.0 84.0
138 103.0 90.8 136.2





#49

Acenaphthylene

Concen: 8.635 ng

RT: 14.086 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BM048222.D

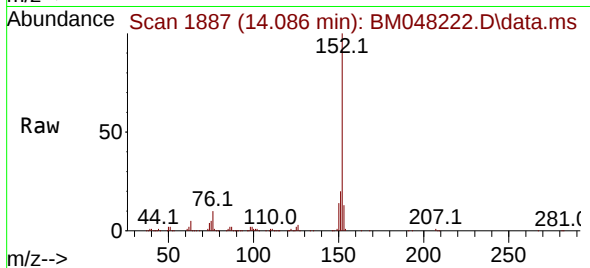
Acq: 24 Oct 2024 18:27

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



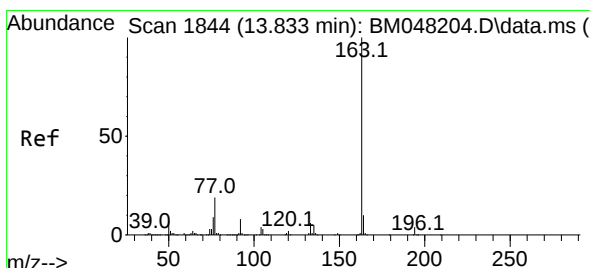
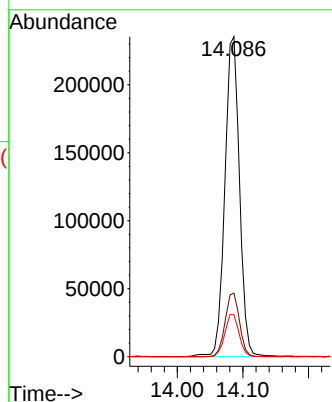
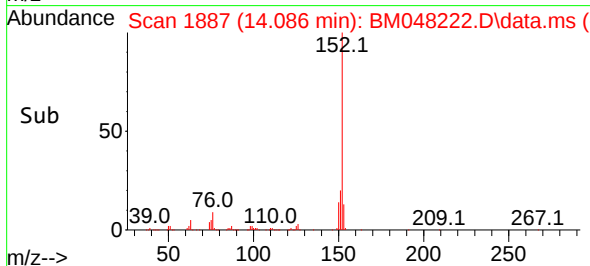
Tgt Ion:	152	Resp:	36347
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.4	23.2
153	13.1	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#50

Dimethylphthalate

Concen: 7.976 ng

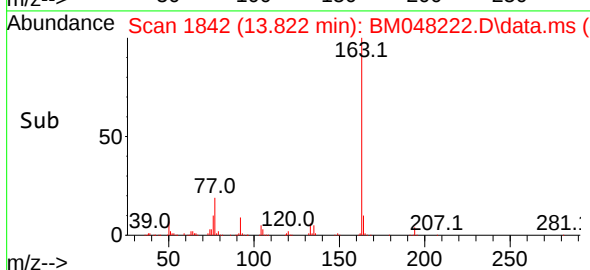
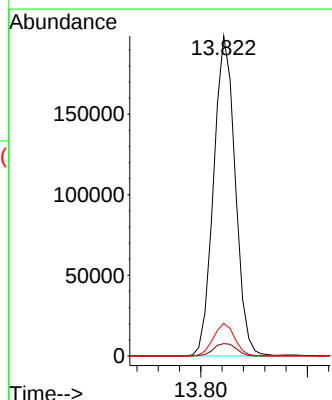
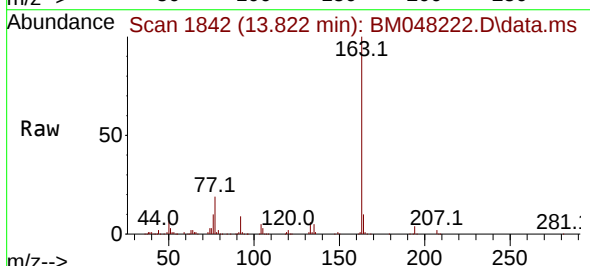
RT: 13.822 min Scan# 1842

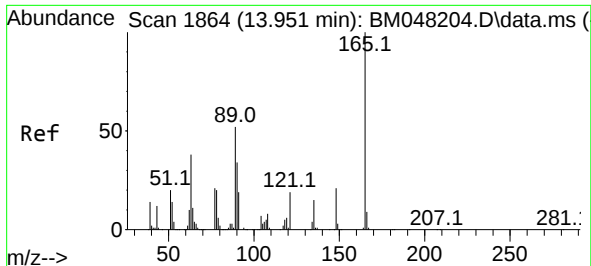
Delta R.T. -0.012 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

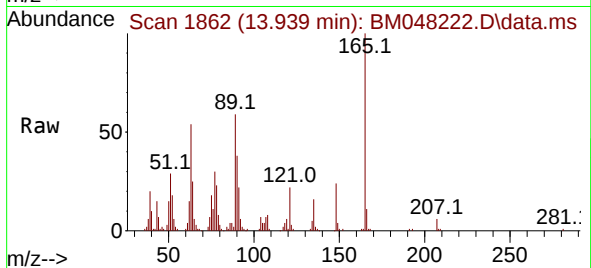
Tgt Ion:	163	Resp:	279095
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.1	7.8	11.6





#51
2,6-Dinitrotoluene
Concen: 7.100 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

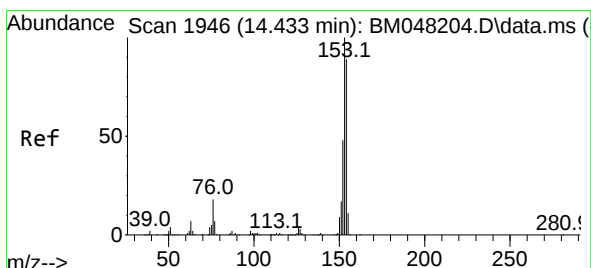
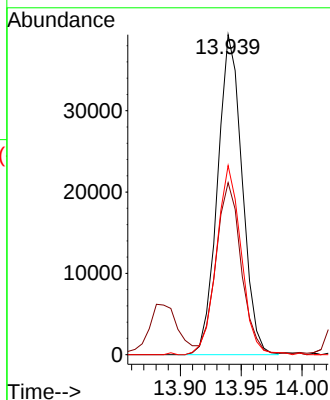
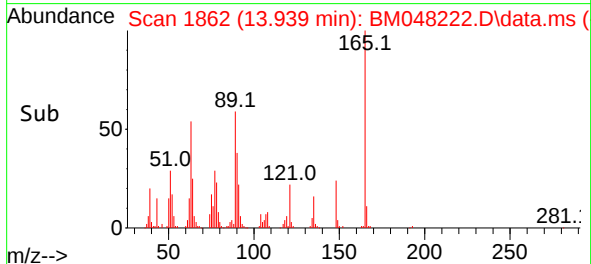
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:165 Resp: 55428
Ion Ratio Lower Upper
165 100
63 53.8 39.5 59.3
89 59.1 41.8 62.6

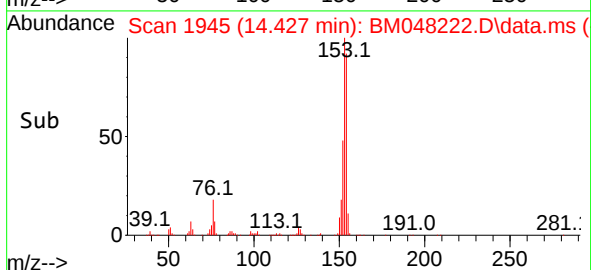
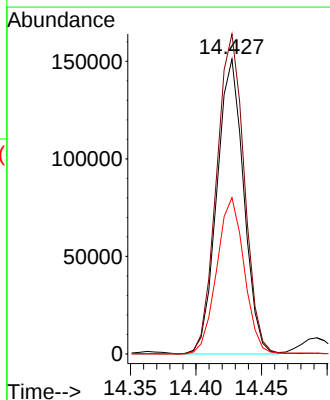
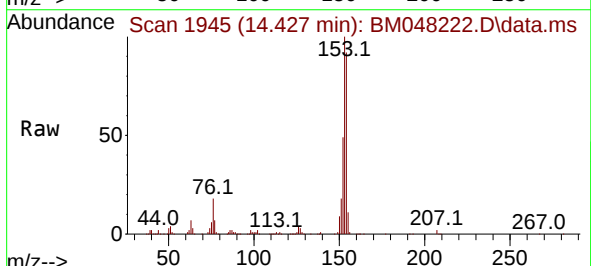
Manual Integrations
APPROVED

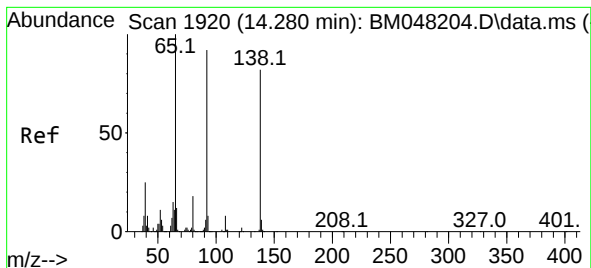
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#52
Acenaphthene
Concen: 8.044 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

Tgt Ion:154 Resp: 215151
Ion Ratio Lower Upper
154 100
153 108.5 90.4 135.6
152 53.0 43.6 65.4





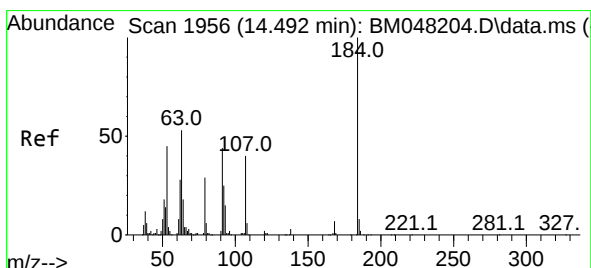
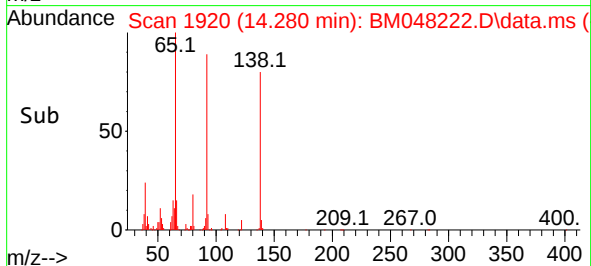
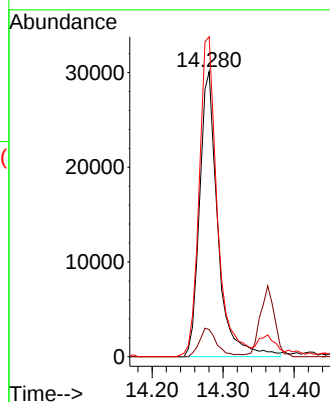
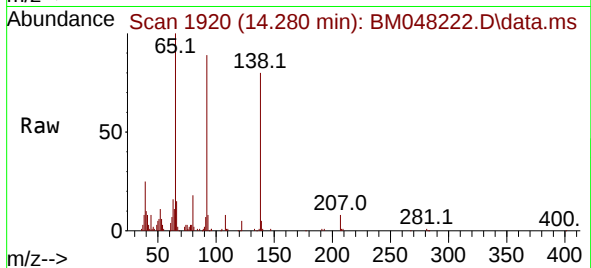
#53
3-Nitroaniline
Concen: 7.304 ng
RT: 14.280 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

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

Tgt Ion:138 Resp: 53778
Ion Ratio Lower Upper
138 100
108 9.6 7.5 11.3
92 112.2 89.7 134.5

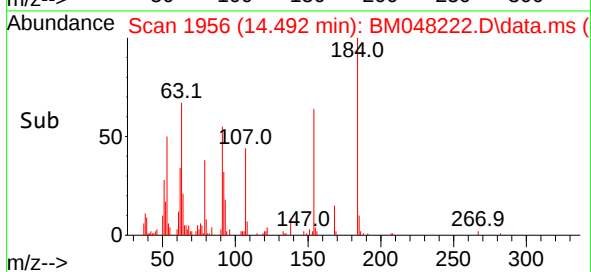
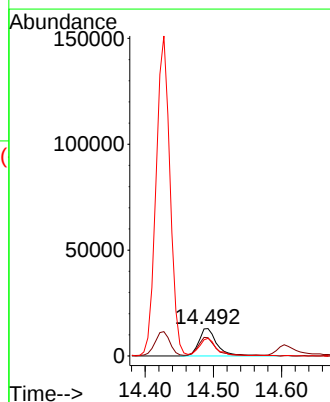
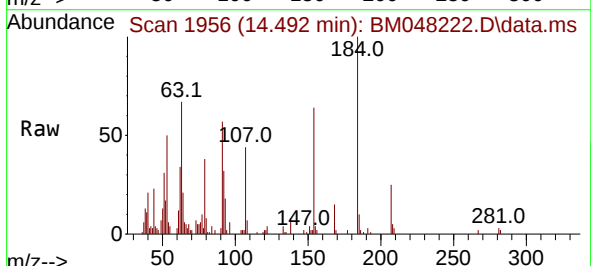
Manual Integrations
APPROVED

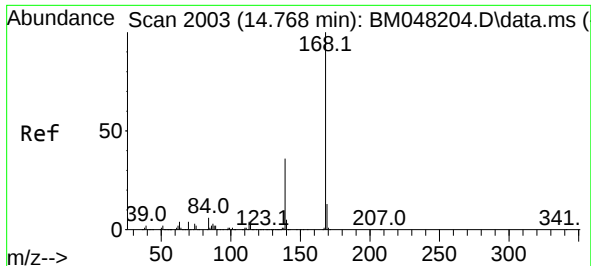
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#54
2,4-Dinitrophenol
Concen: 5.277 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

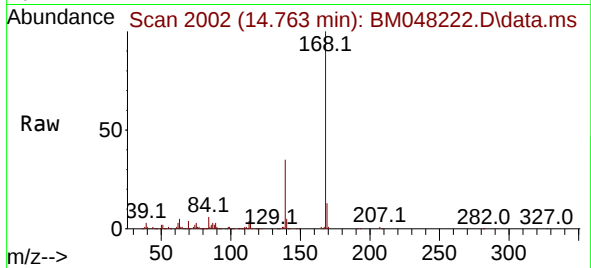
Tgt Ion:184 Resp: 24077
Ion Ratio Lower Upper
184 100
63 66.9 47.2 70.8
154 64.4 46.0 69.0





#55
Dibenzofuran
Concen: 8.294 ng
RT: 14.763 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

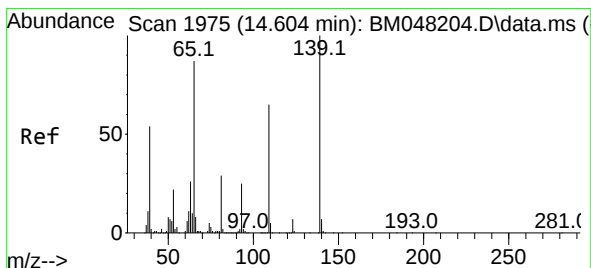
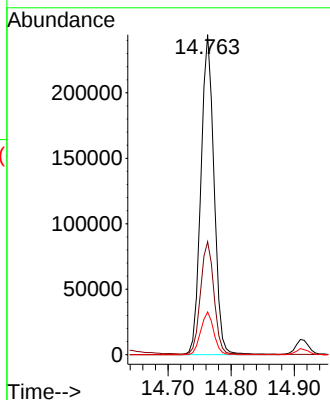
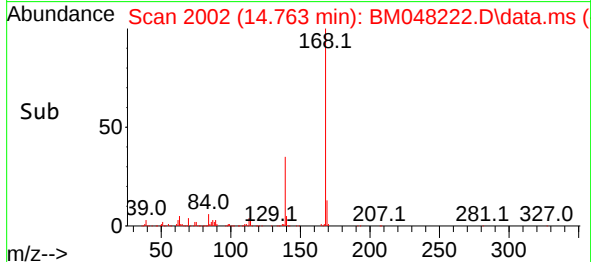
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:168 Resp: 35246
Ion Ratio Lower Upper
168 100
139 35.3 29.0 43.6
169 13.4 10.4 15.6

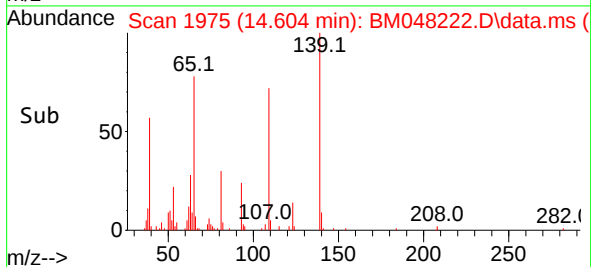
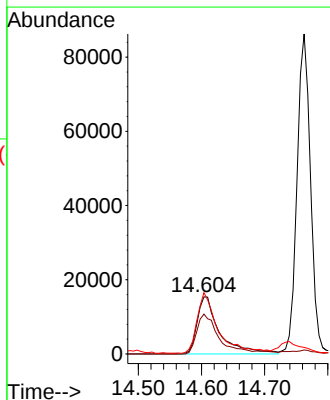
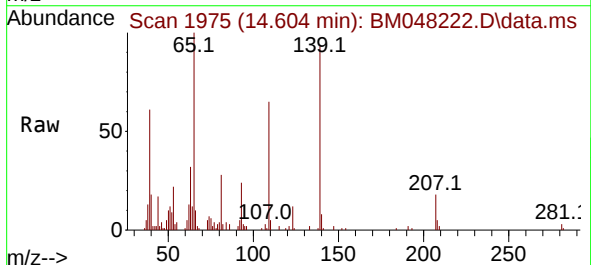
Manual Integrations
APPROVED

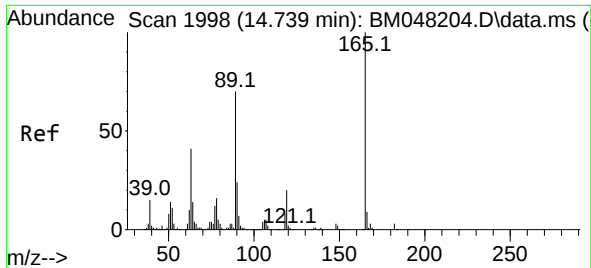
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#56
4-Nitrophenol
Concen: 5.778 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

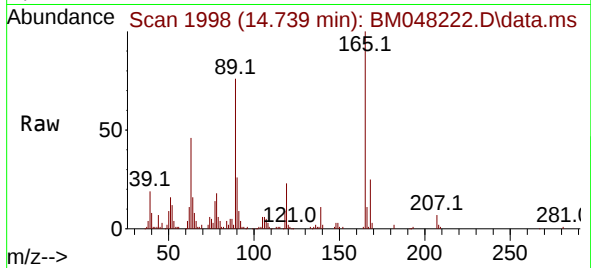
Tgt Ion:139 Resp: 37970
Ion Ratio Lower Upper
139 100
109 69.7 45.4 85.4
65 107.2 67.3 107.3





#57
2,4-Dinitrotoluene
Concen: 6.775 ng
RT: 14.739 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

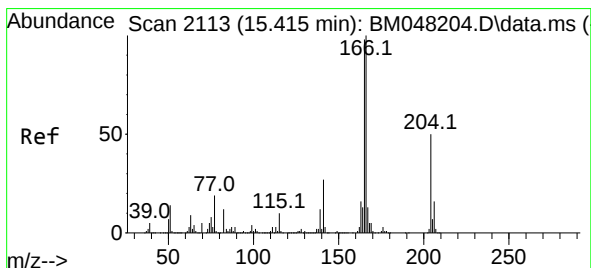
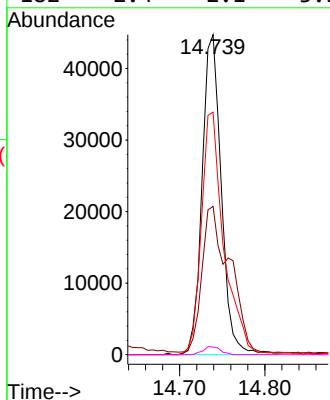
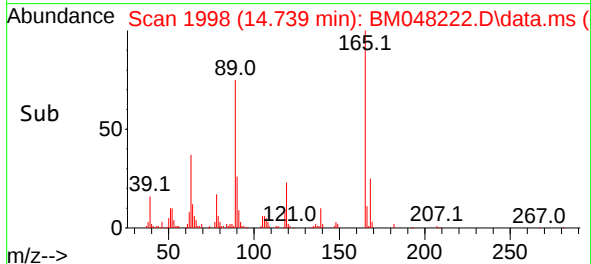
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:165 Resp: 69840
Ion Ratio Lower Upper
165 100
63 46.3 33.0 49.4
89 75.8 55.8 83.6
182 2.4 2.1 3.1

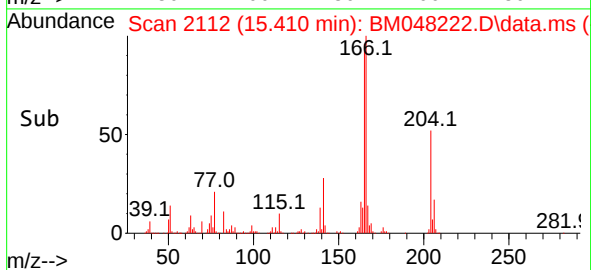
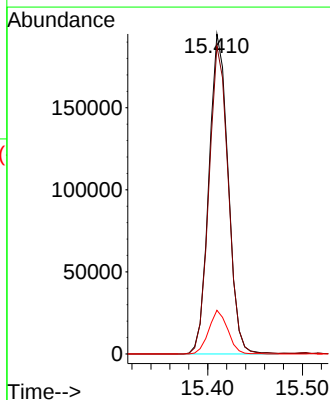
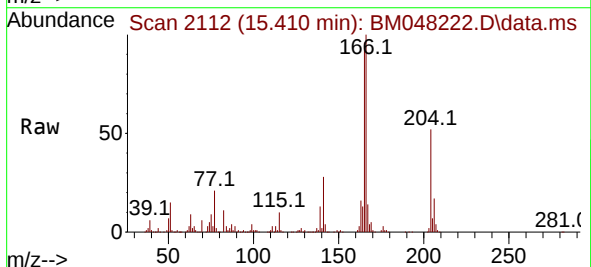
Manual Integrations
APPROVED

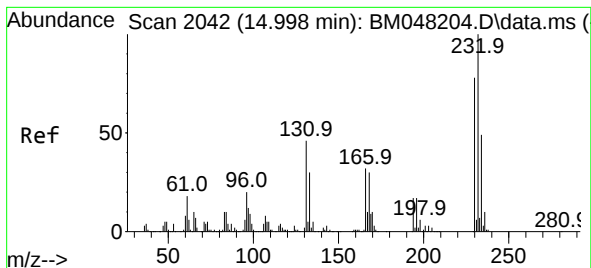
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#58
Fluorene
Concen: 8.179 ng
RT: 15.410 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

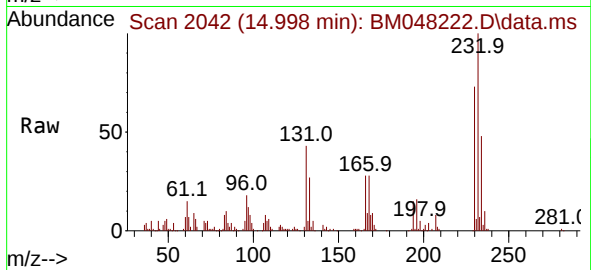
Tgt Ion:166 Resp: 274832
Ion Ratio Lower Upper
166 100
165 96.2 78.4 117.6
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.141 ng
RT: 14.998 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

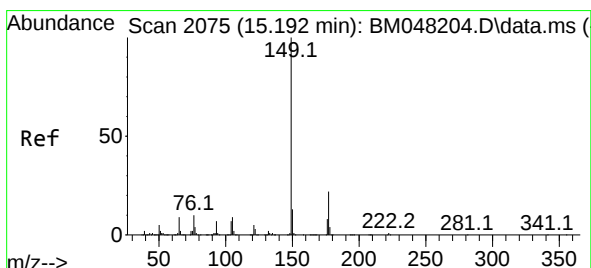
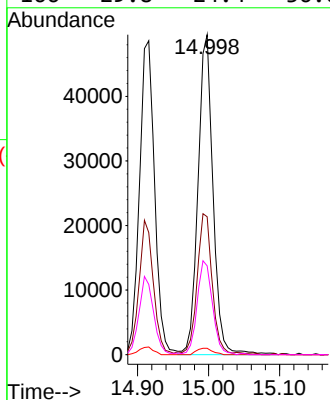
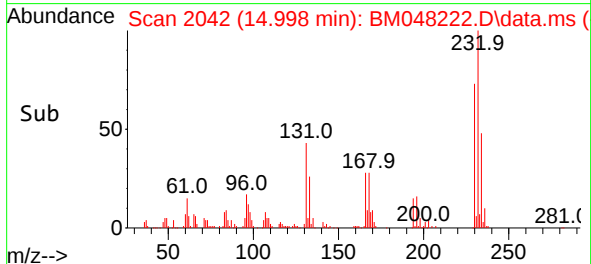
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:232 Resp: 73160
Ion Ratio Lower Upper
232 100
131 44.8 35.5 53.3
130 2.1 1.8 2.6
166 29.8 24.4 36.6

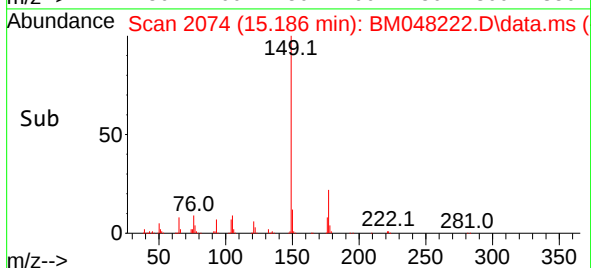
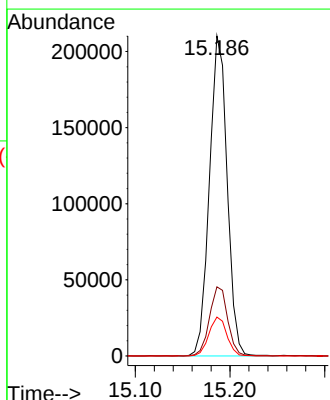
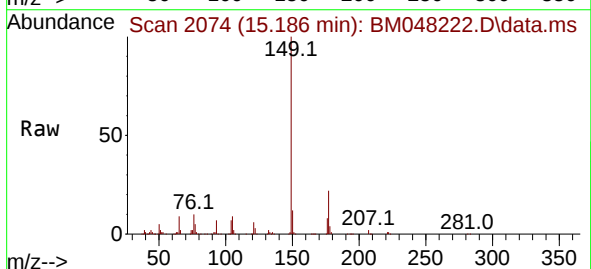
Manual Integrations
APPROVED

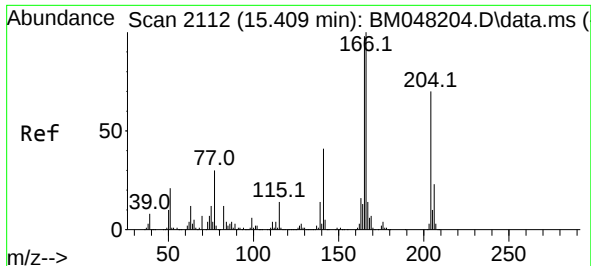
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#60
Diethylphthalate
Concen: 7.696 ng
RT: 15.186 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

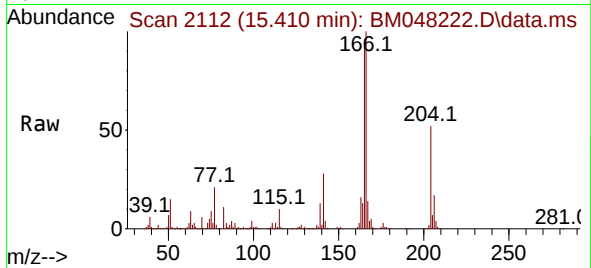
Tgt Ion:149 Resp: 272647
Ion Ratio Lower Upper
149 100
177 21.6 17.5 26.3
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 8.204 ng
RT: 15.410 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

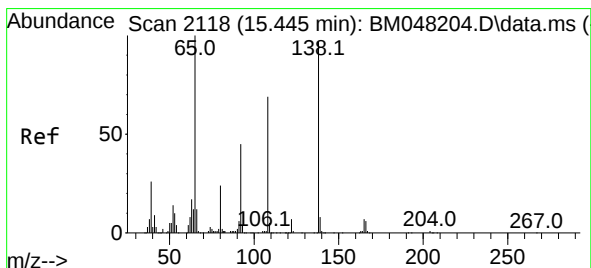
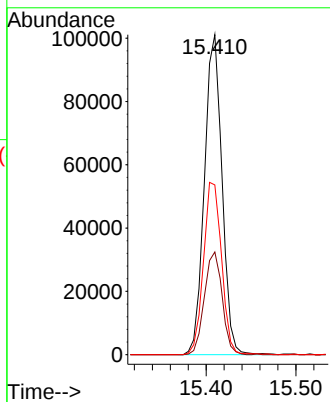
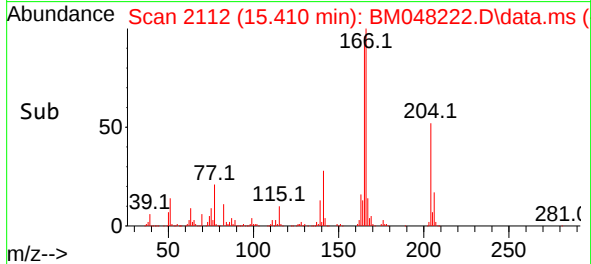
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:204 Resp: 13784
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.4
141 53.0 47.0 70.6

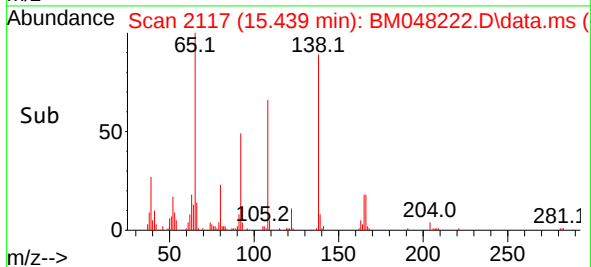
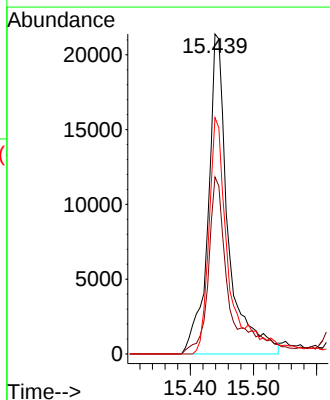
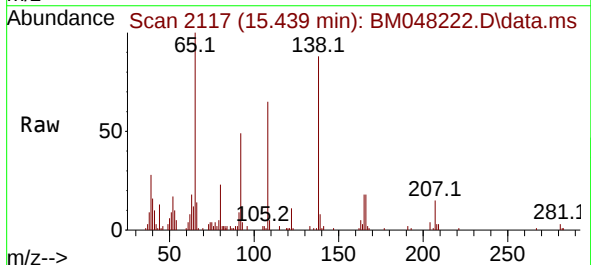
Manual Integrations
APPROVED

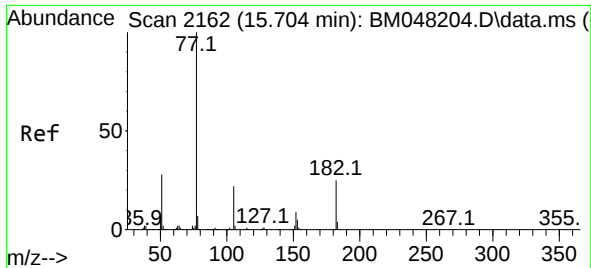
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#62
4-Nitroaniline
Concen: 6.192 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

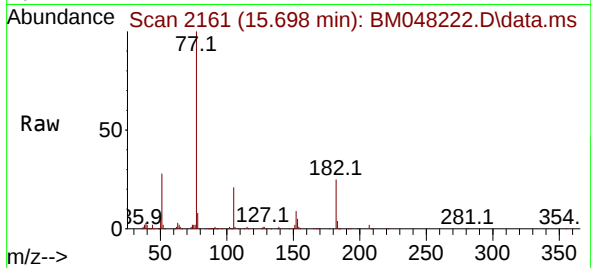
Tgt Ion:138 Resp: 47185
Ion Ratio Lower Upper
138 100
92 55.3 26.9 66.9
108 73.8 51.3 91.3





#63
Azobenzene
Concen: 8.005 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

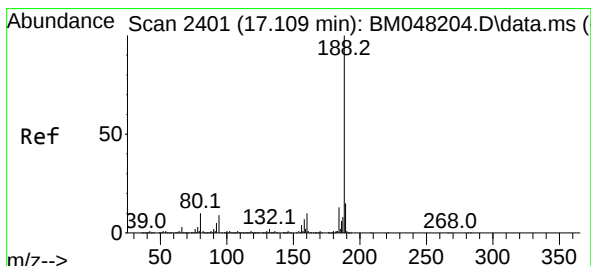
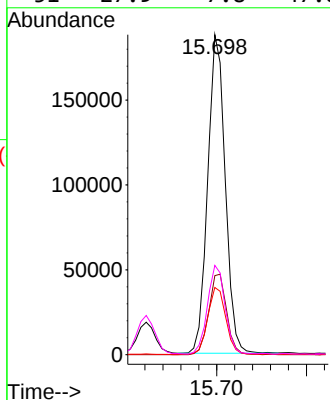
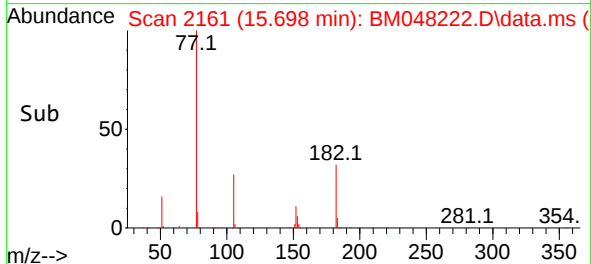
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 77 Resp: 254180
Ion Ratio Lower Upper
77 100
182 24.7 5.3 45.3
105 21.0 1.6 41.6
51 27.9 7.8 47.8

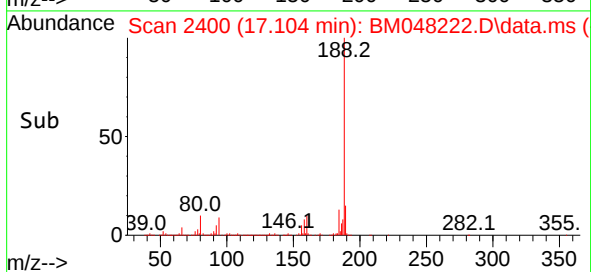
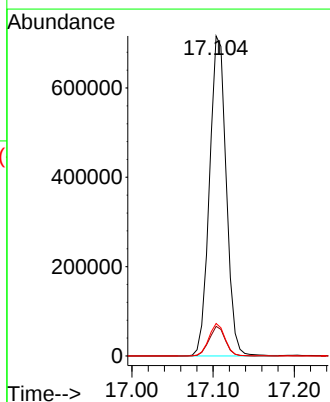
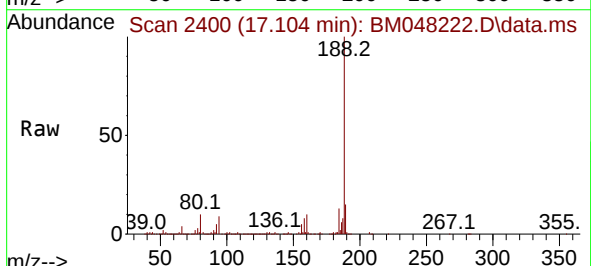
Manual Integrations
APPROVED

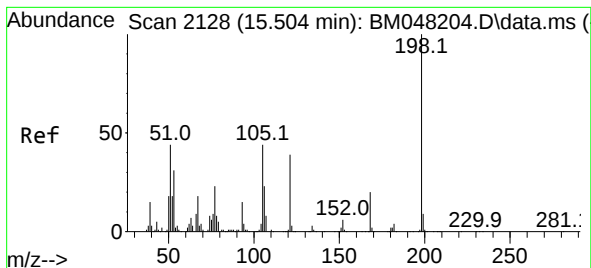
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

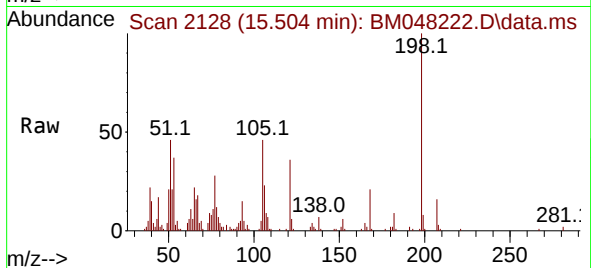
Tgt Ion:188 Resp: 1024738
Ion Ratio Lower Upper
188 100
94 9.3 7.3 10.9
80 10.2 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 6.215 ng
RT: 15.504 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

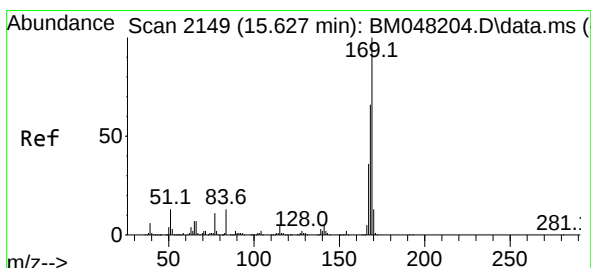
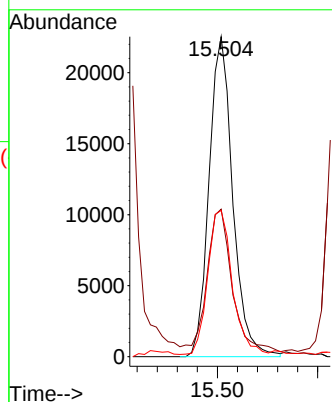
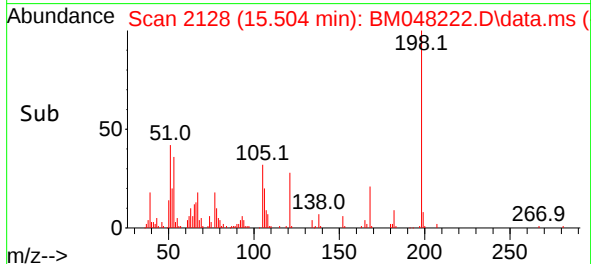
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



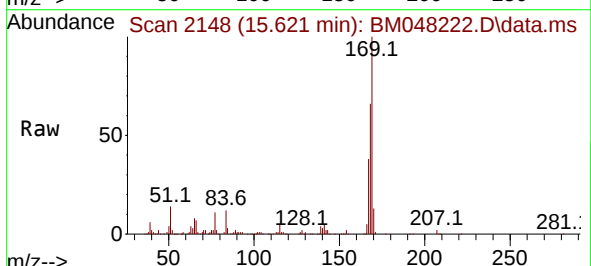
Tgt Ion:198 Resp: 3695
Ion Ratio Lower Upper
198 100
51 46.1 25.4 65.4
105 45.7 23.9 63.9

Manual Integrations
APPROVED

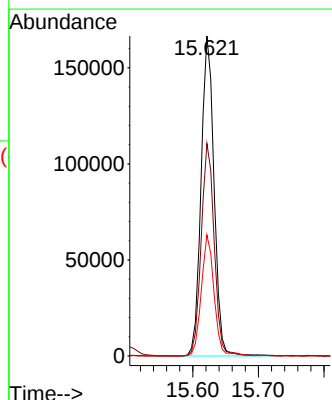
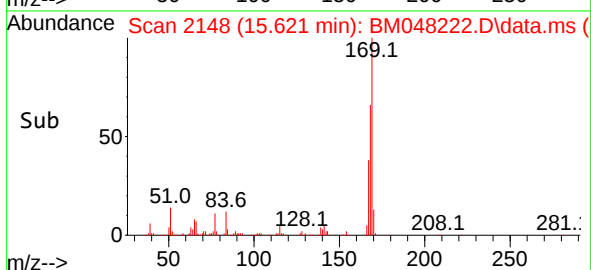
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

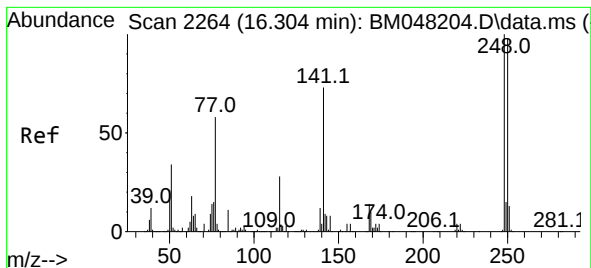


#66
n-Nitrosodiphenylamine
Concen: 8.174 ng
RT: 15.621 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27



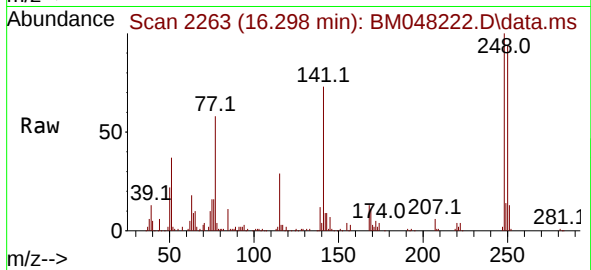
Tgt Ion:169 Resp: 229949
Ion Ratio Lower Upper
169 100
168 66.4 52.9 79.3
167 37.9 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 8.007 ng
RT: 16.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

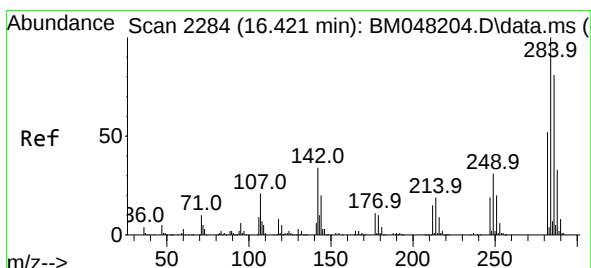
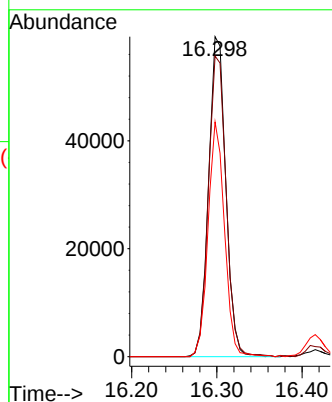
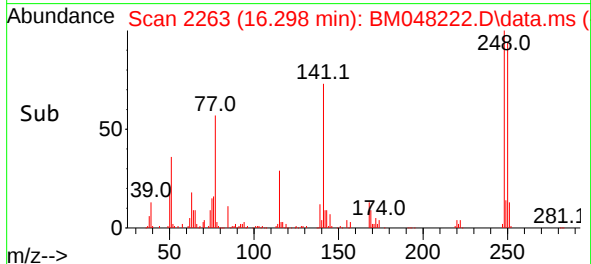
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



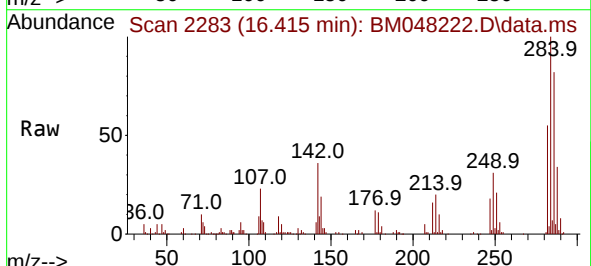
Tgt Ion:248 Resp: 83190
Ion Ratio Lower Upper
248 100
250 93.9 78.3 117.5
141 73.3 58.0 87.0

Manual Integrations
APPROVED

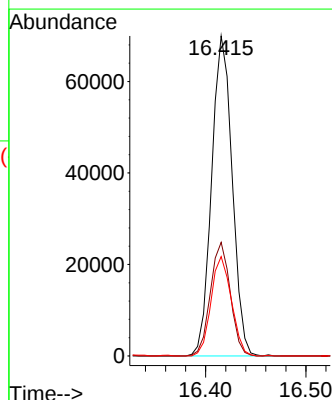
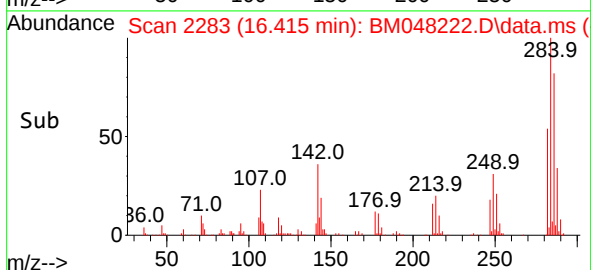
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

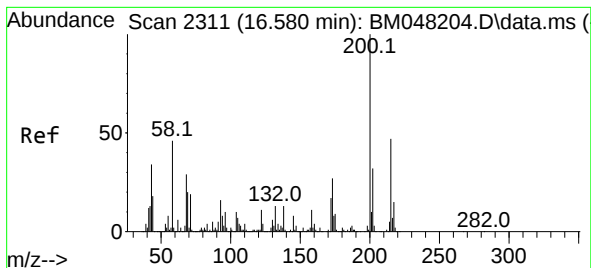


#68
Hexachlorobenzene
Concen: 7.969 ng
RT: 16.415 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27



Tgt Ion:284 Resp: 99444
Ion Ratio Lower Upper
284 100
142 35.5 27.0 40.4
249 31.0 24.6 36.8





#69

Atrazine

Concen: 9.805 ng

RT: 16.574 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

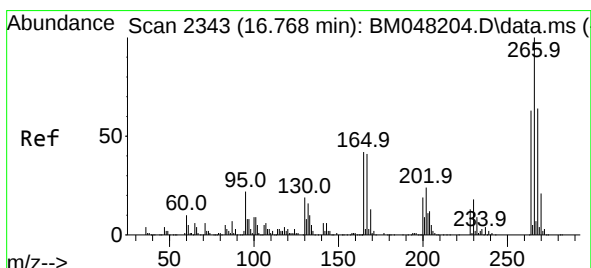
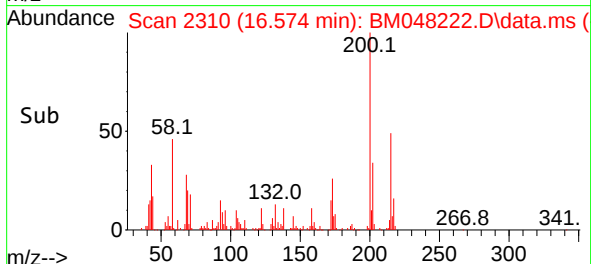
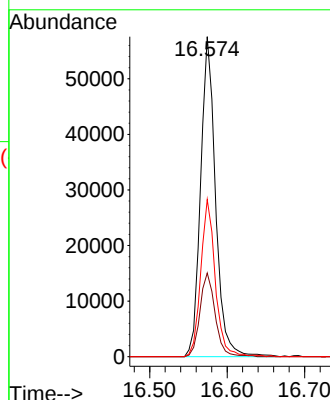
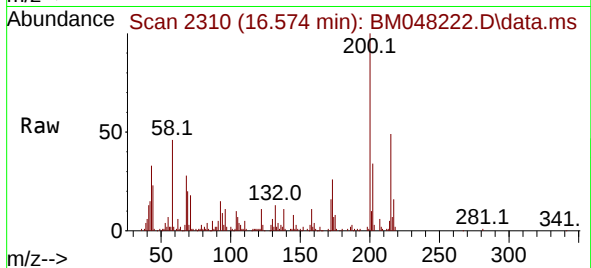
Tgt Ion:200 Resp: 77180
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.5 46.5
 215 49.1 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#70

Pentachlorophenol

Concen: 6.842 ng

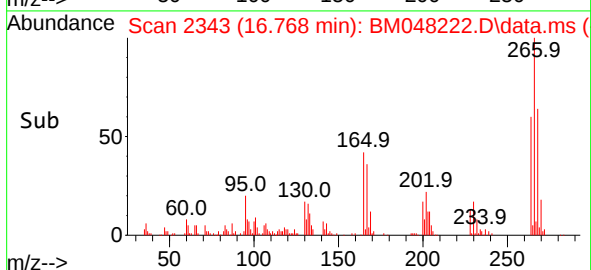
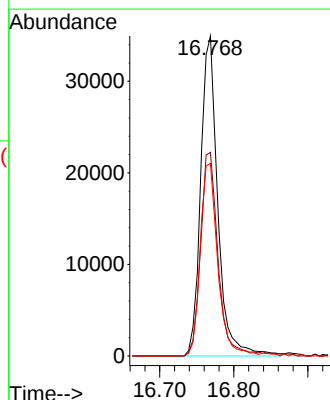
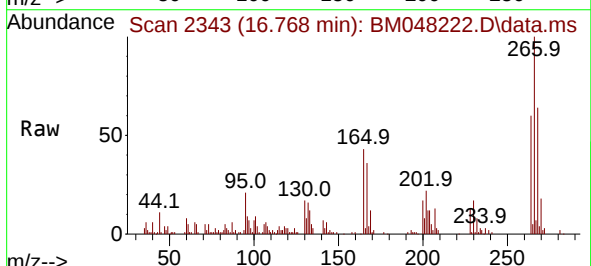
RT: 16.768 min Scan# 2343

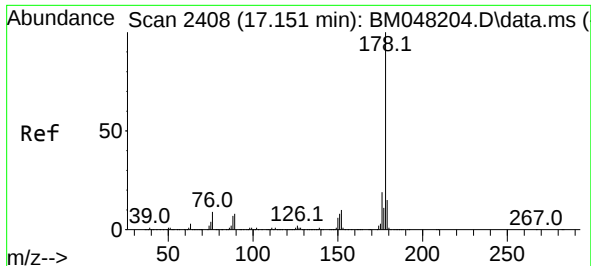
Delta R.T. 0.000 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Tgt Ion:266 Resp: 56050
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.8 76.2
 264 60.2 50.2 75.2





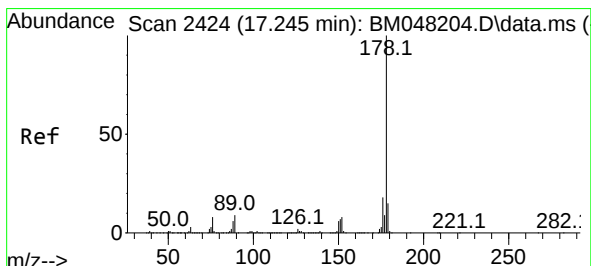
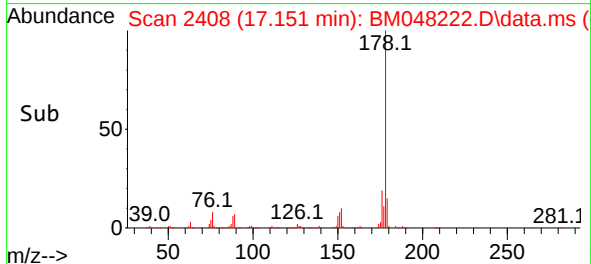
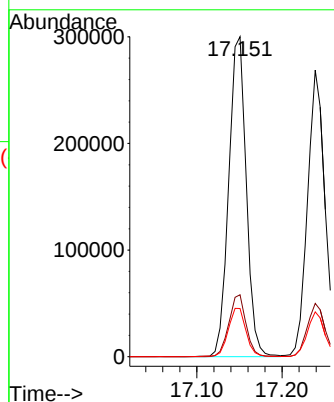
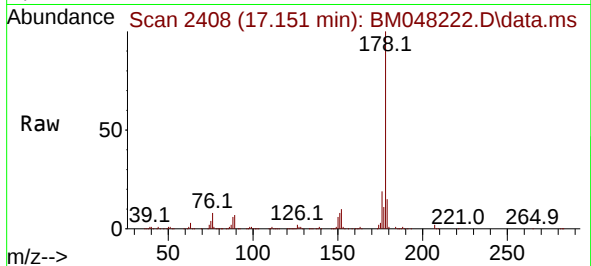
#71
Phenanthrene
Concen: 8.449 ng
RT: 17.151 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

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

Tgt Ion:178 Resp: 428710
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.1 12.4 18.6

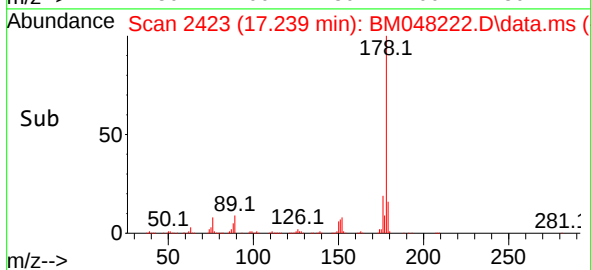
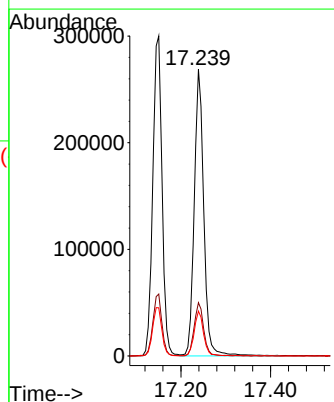
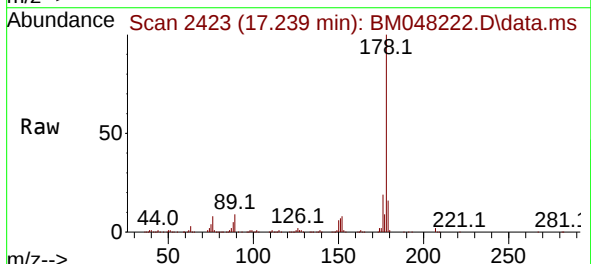
Manual Integrations
APPROVED

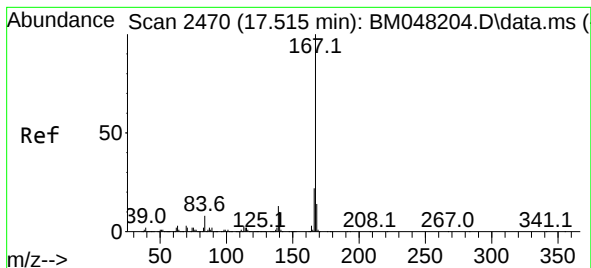
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#72
Anthracene
Concen: 8.039 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

Tgt Ion:178 Resp: 394877
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.2 18.2





#73

Carbazole

Concen: 7.870 ng

RT: 17.515 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:167 Resp: 37896

Ion Ratio Lower Upper

167 100

166 19.8 17.2 25.8

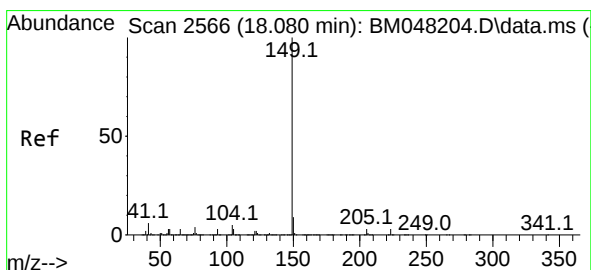
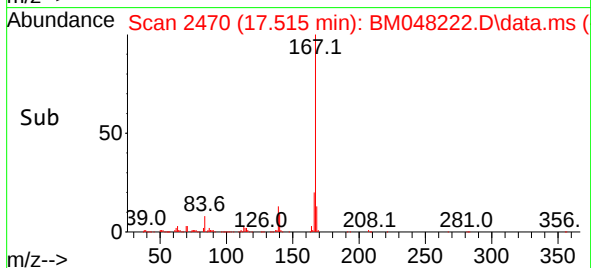
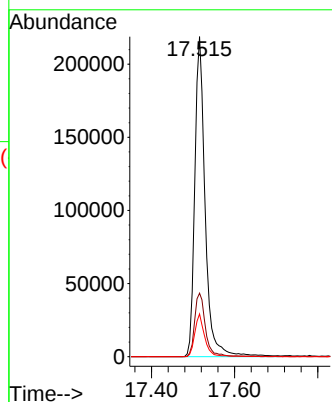
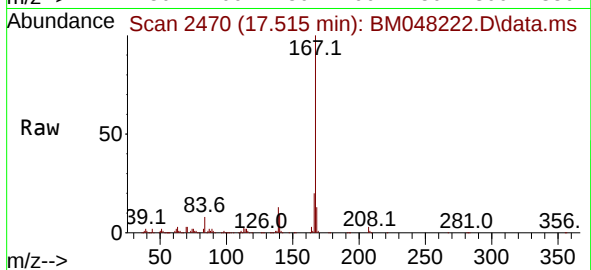
139 13.4 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#74

Di-n-butylphthalate

Concen: 7.515 ng

RT: 18.074 min Scan# 2565

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

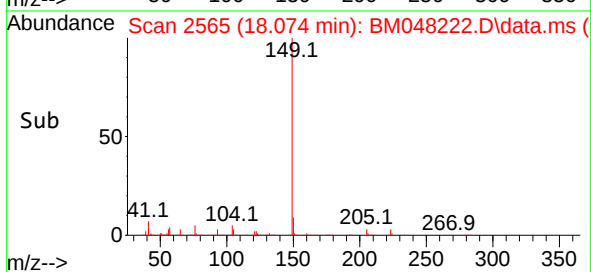
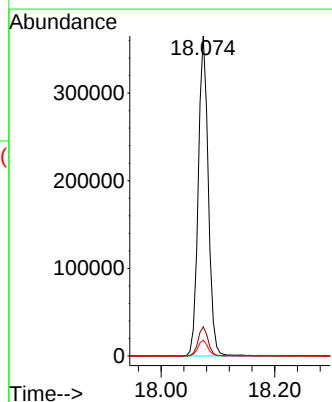
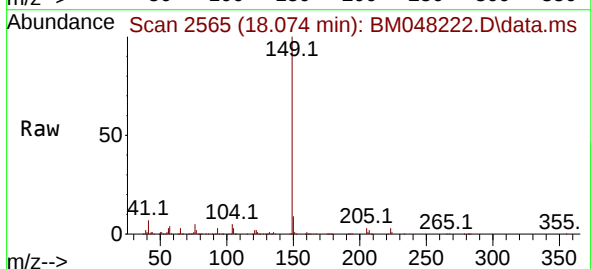
Tgt Ion:149 Resp: 450407

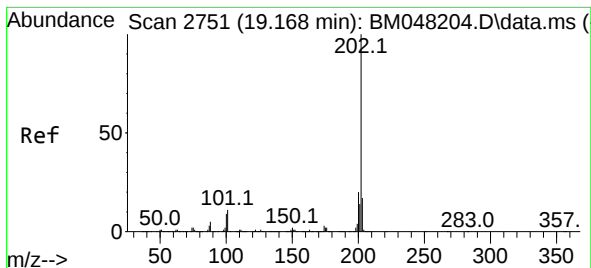
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

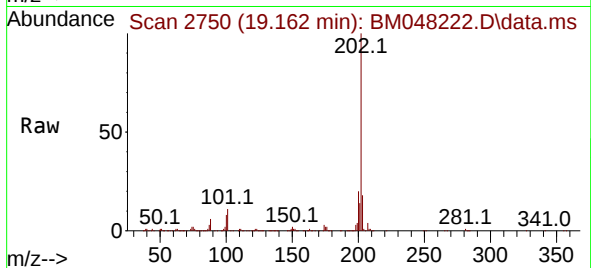
104 4.9 3.8 5.6





#75
Fluoranthene
Concen: 7.871 ng
RT: 19.162 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

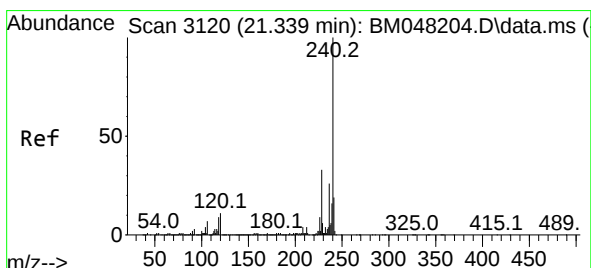
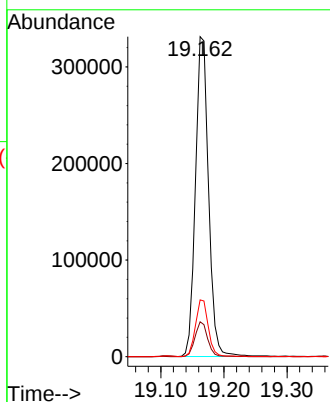
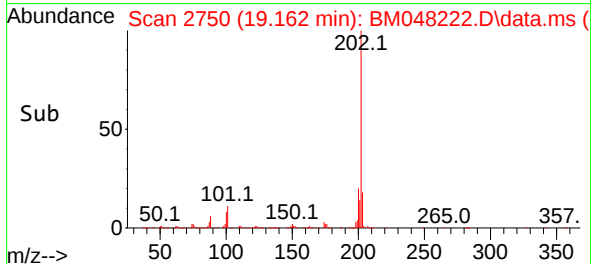
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:202 Resp: 476454
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.0
203 17.8 0.0 37.5

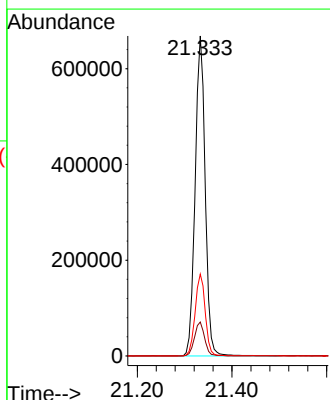
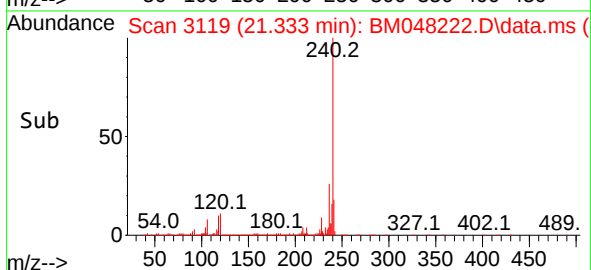
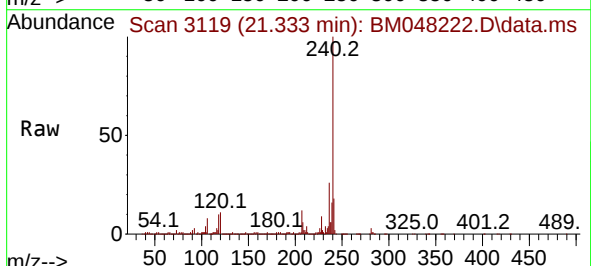
Manual Integrations
APPROVED

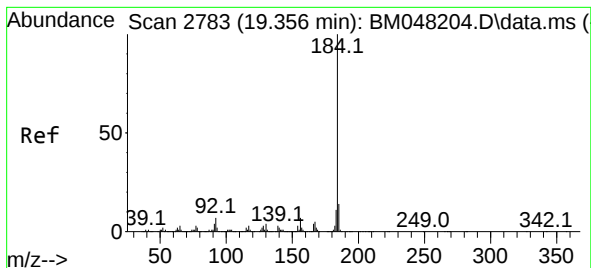
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

Tgt Ion:240 Resp: 985684
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 25.6 20.7 31.1





#77

Benzidine

Concen: 11.024 ng

RT: 19.356 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

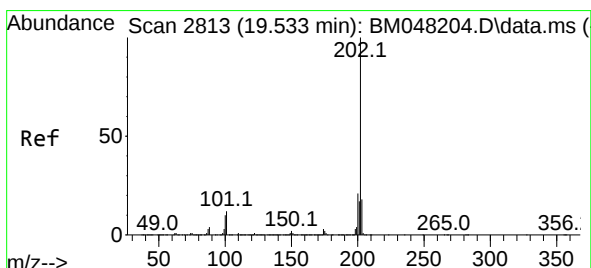
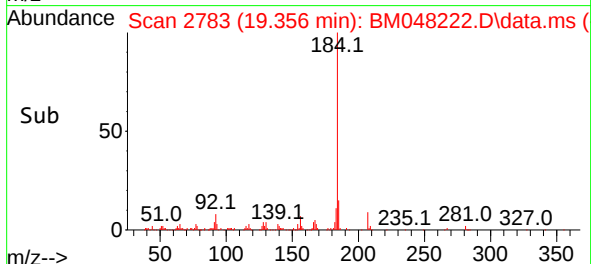
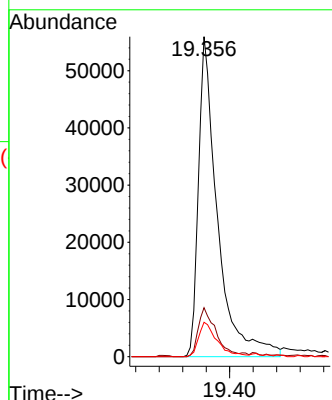
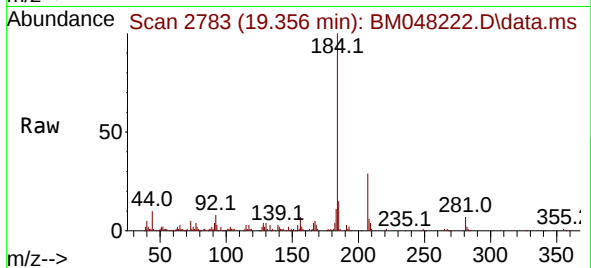
Tgt Ion:	184	Resp:	125400
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.4	17.0
183	10.8	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#78

Pyrene

Concen: 7.626 ng

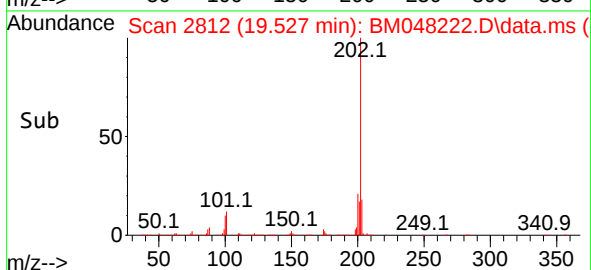
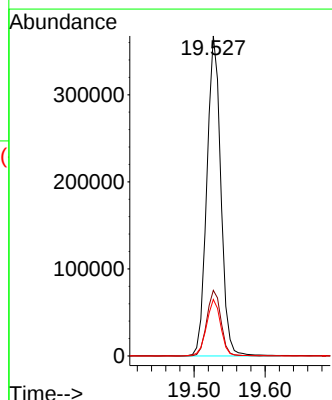
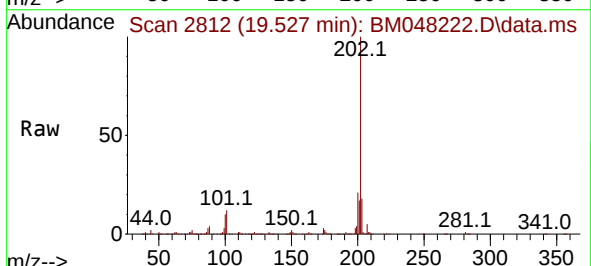
RT: 19.527 min Scan# 2812

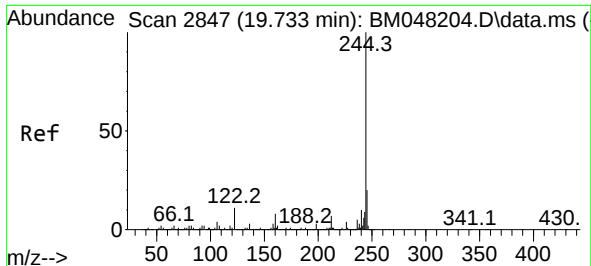
Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

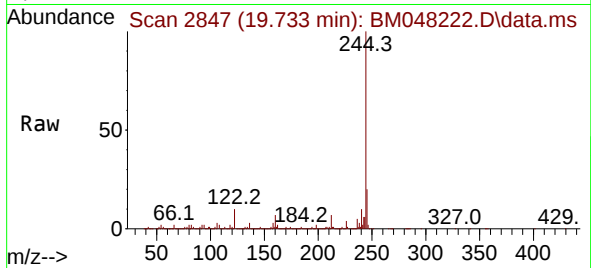
Tgt Ion:	202	Resp:	503143
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.9	25.3
203	17.7	14.1	21.1





#79
 Terphenyl-d14
 Concen: 78.121 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM048222.D
 Acq: 24 Oct 2024 18:27

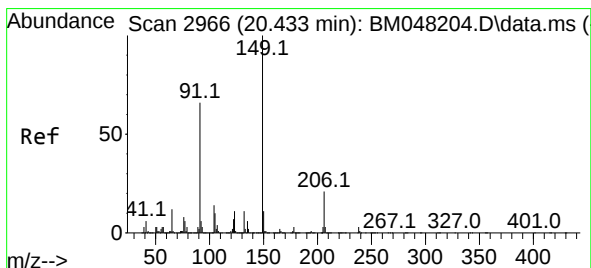
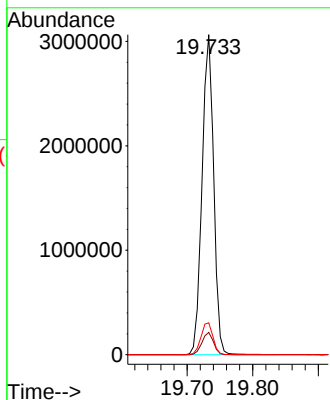
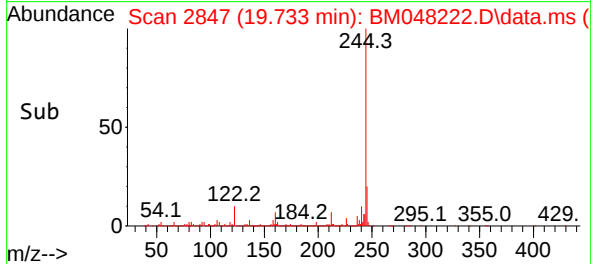
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



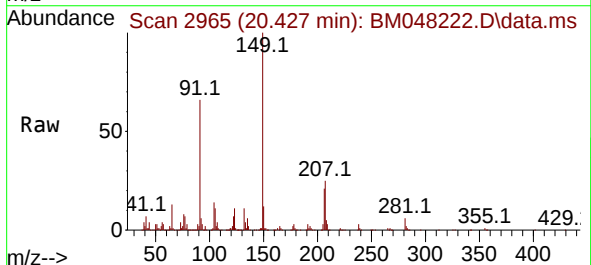
Tgt Ion:244 Resp: 3773259
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 9.9 8.8 13.2

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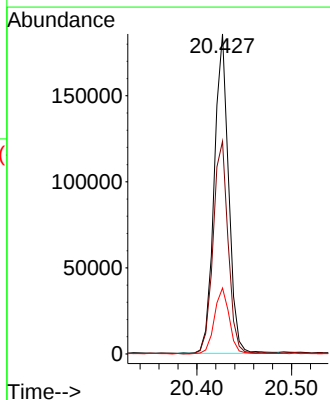
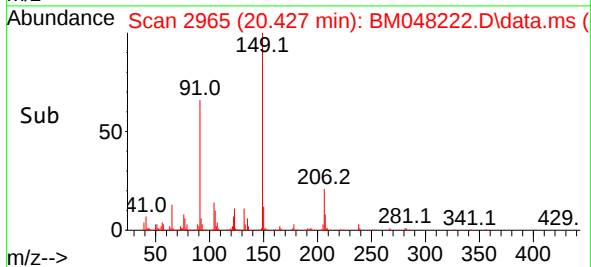
Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024

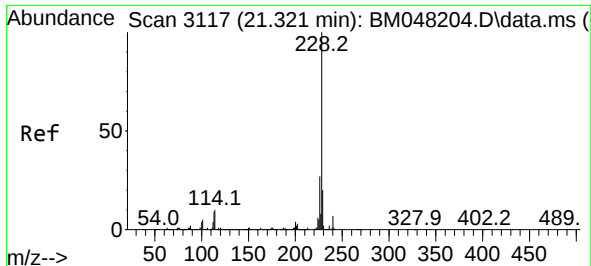


#80
 Butylbenzylphthalate
 Concen: 7.120 ng
 RT: 20.427 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BM048222.D
 Acq: 24 Oct 2024 18:27



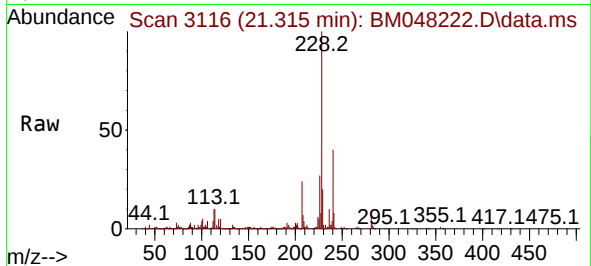
Tgt Ion:149 Resp: 196442
 Ion Ratio Lower Upper
 149 100
 91 66.4 52.5 78.7
 206 20.6 17.0 25.6





#81
Benzo(a)anthracene
Concen: 8.056 ng
RT: 21.315 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

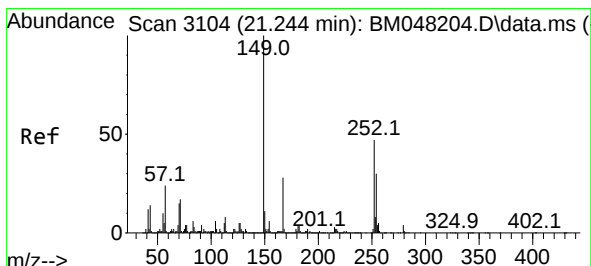
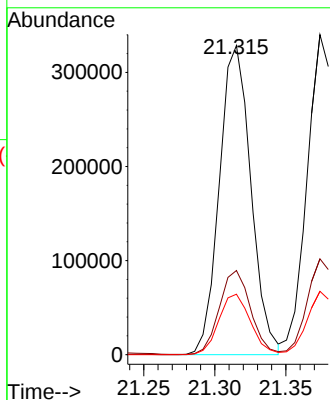
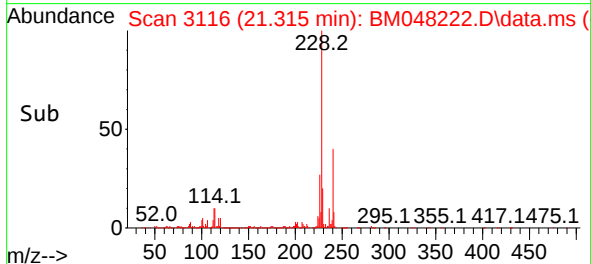
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:228 Resp: 507419
Ion Ratio Lower Upper
228 100
226 27.3 21.5 32.3
229 19.6 15.7 23.5

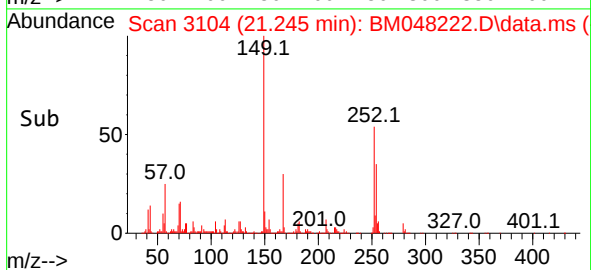
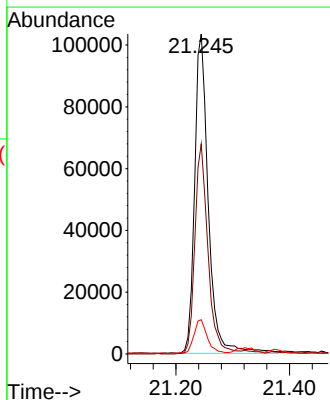
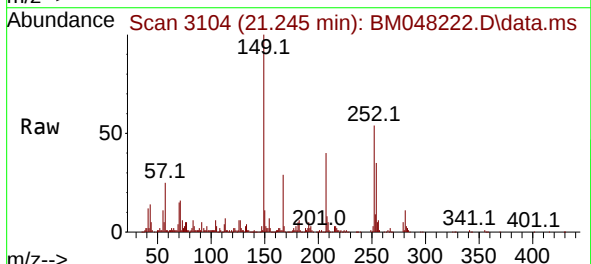
Manual Integrations
APPROVED

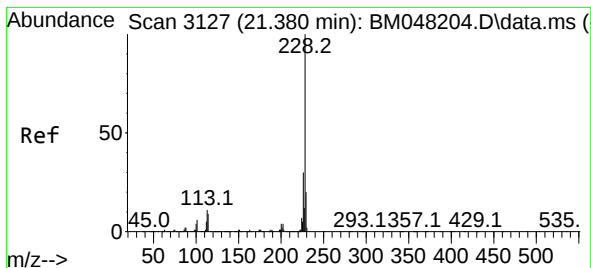
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#82
3,3'-Dichlorobenzidine
Concen: 8.044 ng
RT: 21.245 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

Tgt Ion:252 Resp: 173560
Ion Ratio Lower Upper
252 100
254 65.7 51.8 77.8
126 10.7 8.8 13.2





#83

Chrysene

Concen: 8.291 ng

RT: 21.374 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:228 Resp: 501269

Ion Ratio Lower Upper

228 100

226 30.0 23.5 35.3

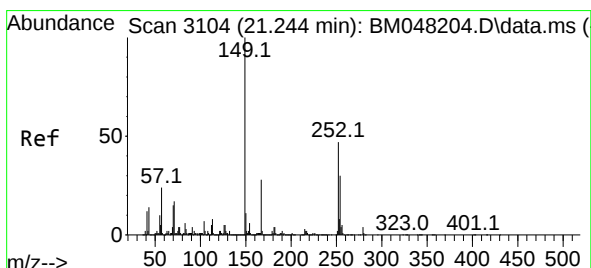
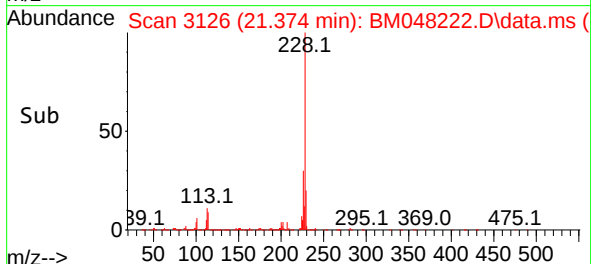
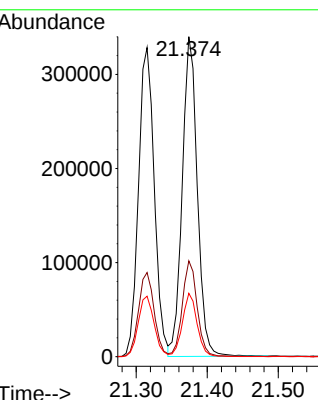
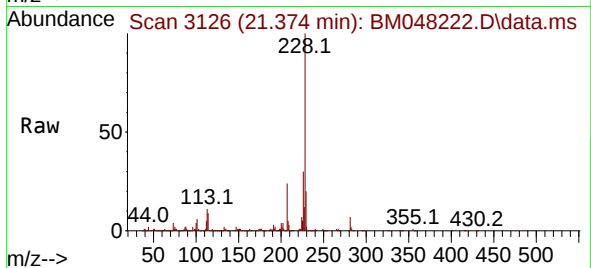
229 19.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.550 ng

RT: 21.239 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

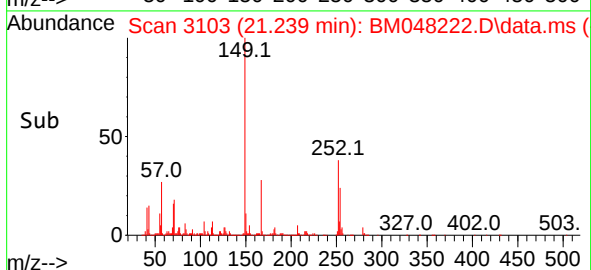
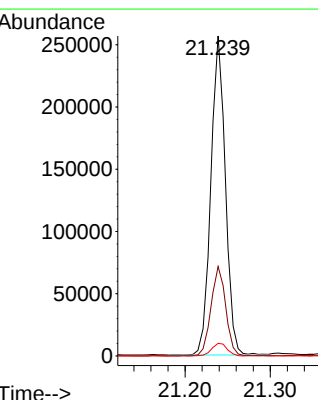
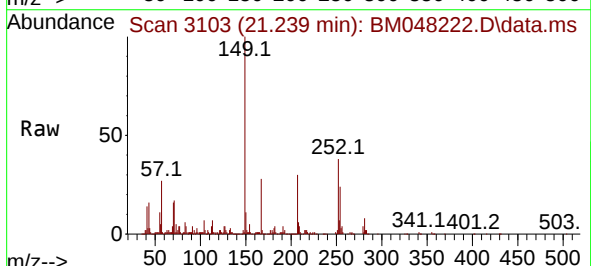
Tgt Ion:149 Resp: 302722

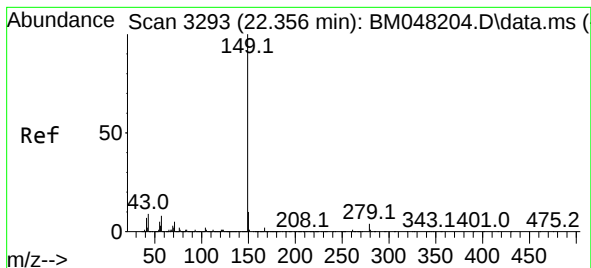
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 6.869 ng

RT: 22.350 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:149 Resp: 477040

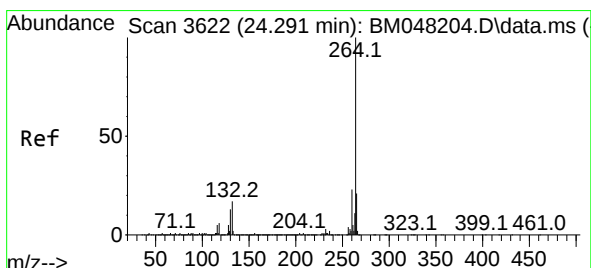
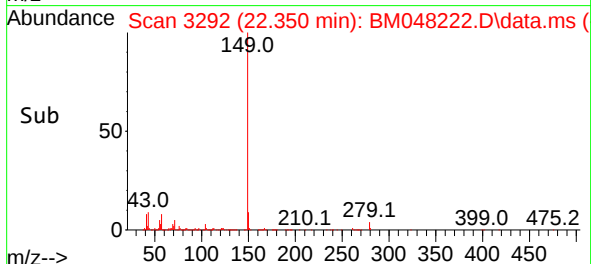
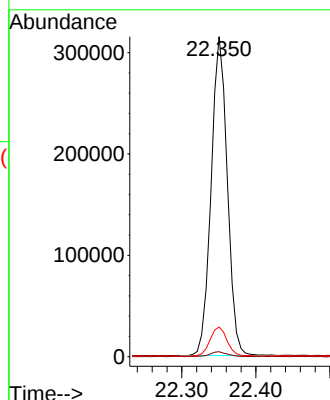
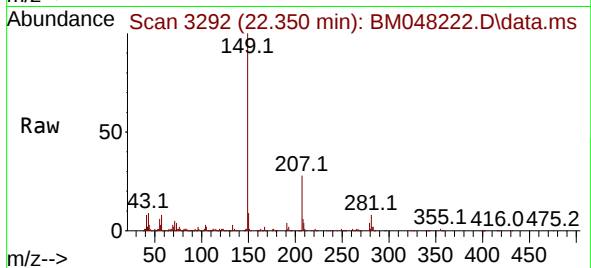
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.6	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.286 min Scan# 3621

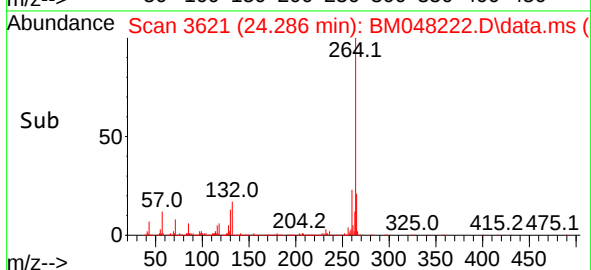
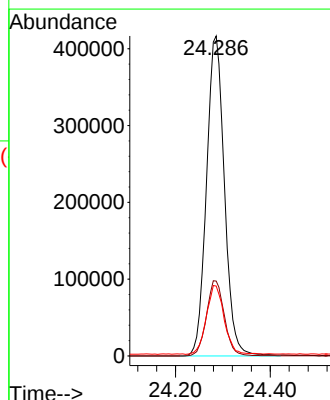
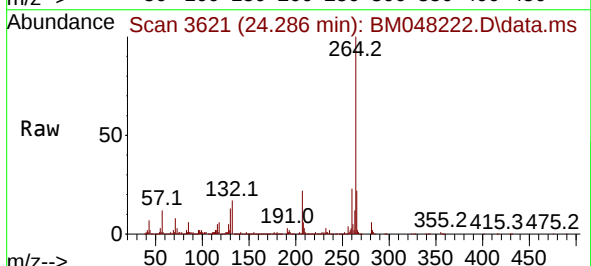
Delta R.T. -0.006 min

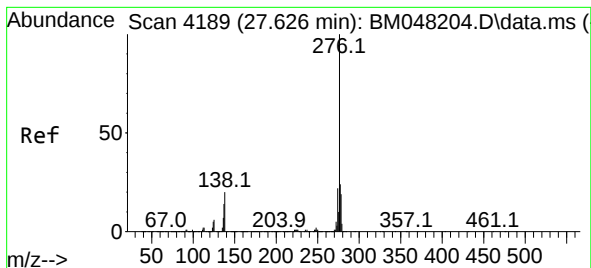
Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Tgt Ion:264 Resp: 1094292

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.8	17.4	26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.262 ng

RT: 27.597 min Scan# 4189

Delta R.T. -0.029 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

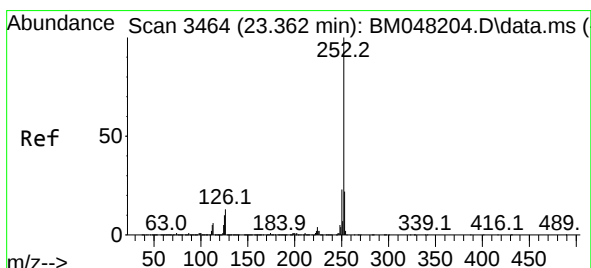
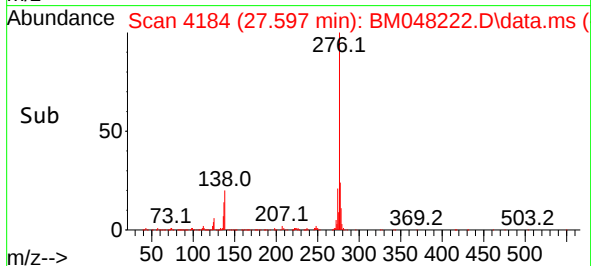
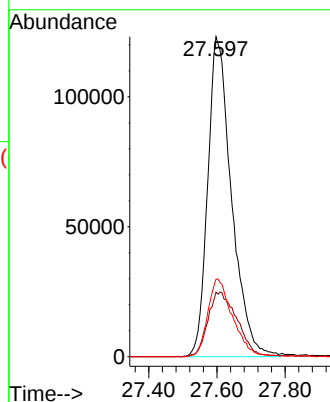
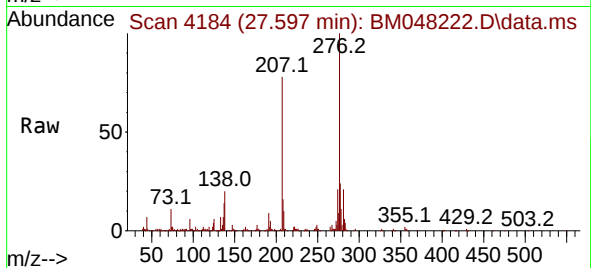
Tgt Ion:	276	Resp:	59786
Ion Ratio	Lower	Upper	
276	100		
138	24.7	19.8	29.6
277	25.5	20.0	30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#88

Benzo(b)fluoranthene

Concen: 7.966 ng

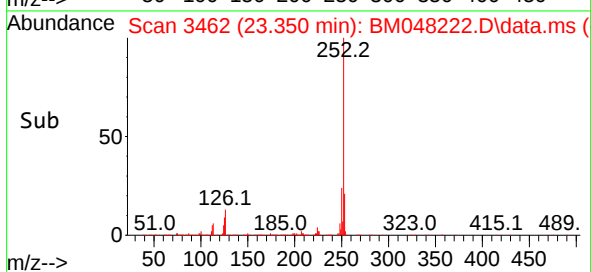
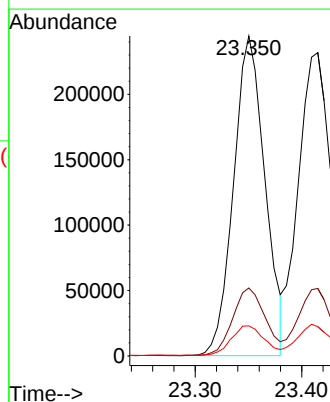
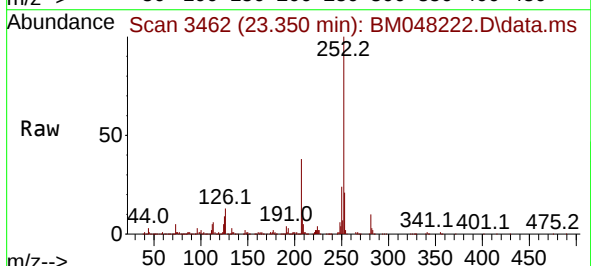
RT: 23.350 min Scan# 3462

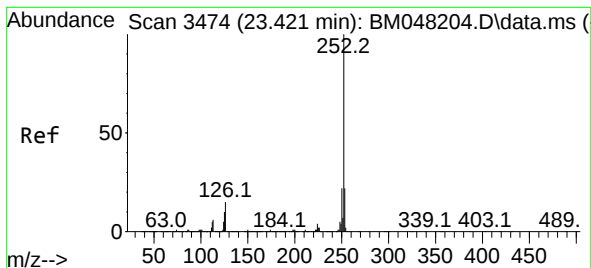
Delta R.T. -0.012 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Tgt Ion:	252	Resp:	499829
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.8	26.6
125	9.4	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 8.541 ng

RT: 23.415 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

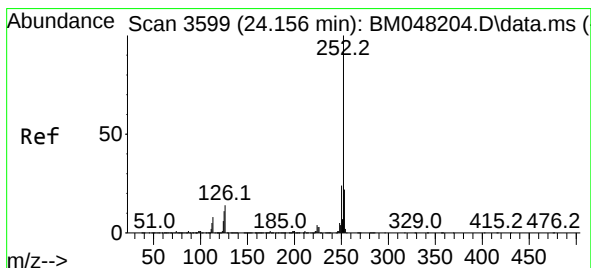
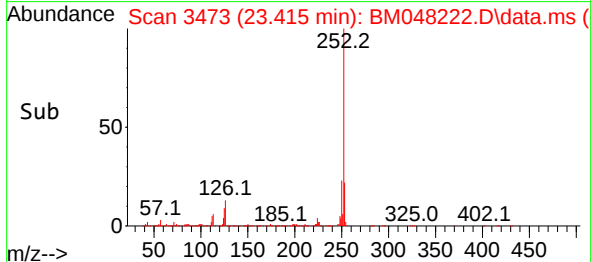
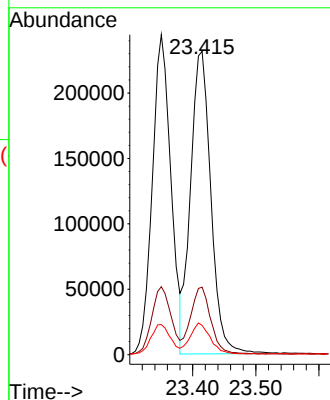
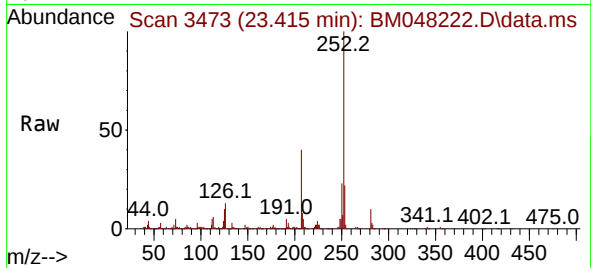
Tgt Ion:252 Resp: 51812
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.8
 125 9.6 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#90

Benzo(a)pyrene

Concen: 8.361 ng

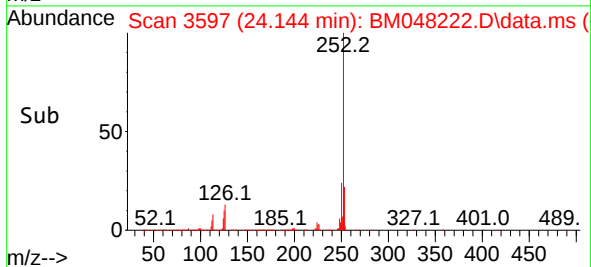
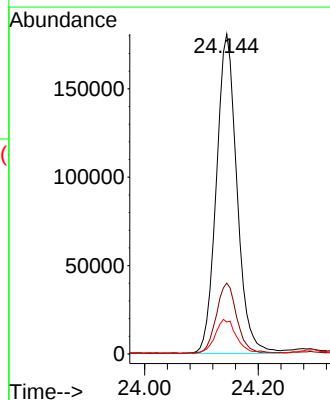
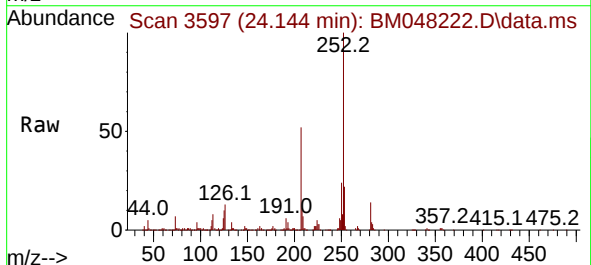
RT: 24.144 min Scan# 3597

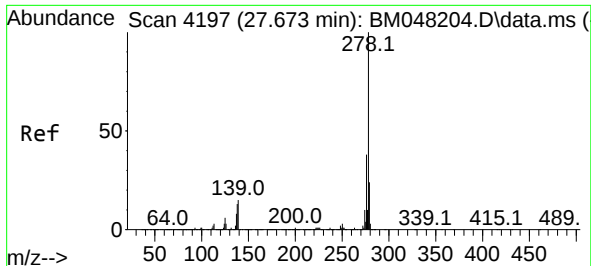
Delta R.T. -0.012 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

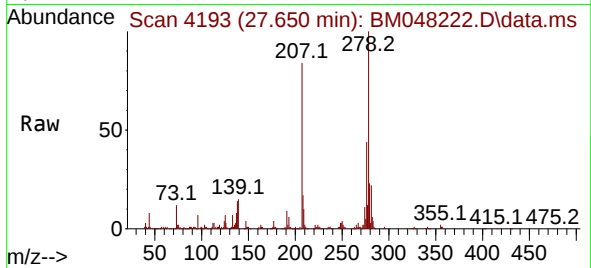
Tgt Ion:252 Resp: 456057
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.3 25.9
 125 10.0 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 8.237 ng
RT: 27.650 min Scan# 4193
Delta R.T. -0.023 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27

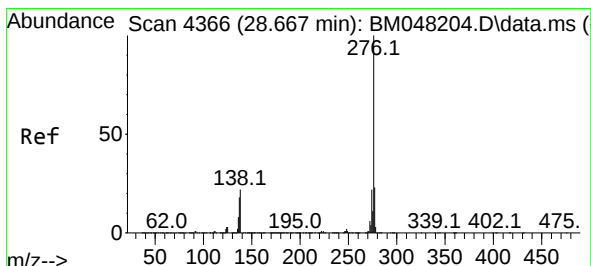
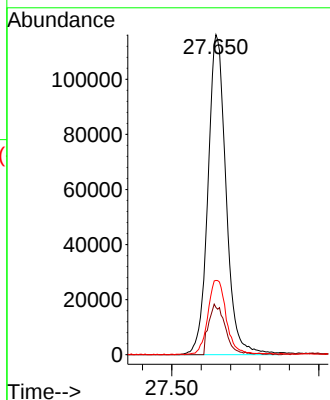
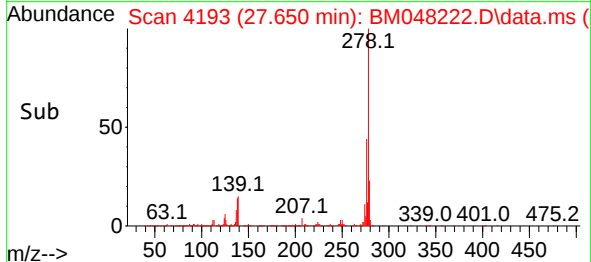
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



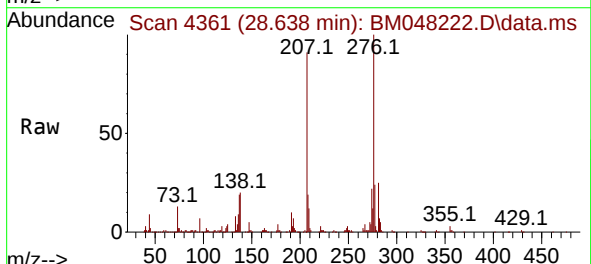
Tgt Ion:278 Resp: 496334
Ion Ratio Lower Upper
278 100
139 14.8 12.2 18.4
279 23.2 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 7.756 ng
RT: 28.638 min Scan# 4361
Delta R.T. -0.029 min
Lab File: BM048222.D
Acq: 24 Oct 2024 18:27



Tgt Ion:276 Resp: 478599
Ion Ratio Lower Upper
276 100
277 24.3 18.5 27.7
138 19.9 17.5 26.3

