

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047549.D
 Acq On : 17 Sep 2024 18:26
 Operator : RC/JU
 Sample : P2403-07
 Misc : LOD-MDL-WATER-8 PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: Sep 18 03:06:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	359780	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1561998	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	892295	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1681694	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1324350	20.000	ng	#-0.01
86) Perylene-d12	24.456	264	1174032	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	3317127	146.800	ng	0.00
7) Phenol-d6	7.010	99	4588961	144.208	ng	0.00
23) Nitrobenzene-d5	9.004	82	3289099	105.382	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1374727	159.392	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	6910141	106.679	ng	0.00
79) Terphenyl-d14	19.827	244	8772303	118.695	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	102789	10.621	ng	98
3) Pyridine	3.722	79	246533	8.558	ng	98
4) n-Nitrosodimethylamine	3.628	42	126756	9.697	ng	# 96
6) Aniline	7.169	93	291320	10.326	ng	98
8) 2-Chlorophenol	7.410	128	219973	8.831	ng	96
9) Benzaldehyde	6.981	77	230063m	15.205	ng	
10) Phenol	7.034	94	285486	8.960	ng	99
11) bis(2-Chloroethyl)ether	7.269	93	239464	9.361	ng	97
12) 1,3-Dichlorobenzene	7.739	146	230862	8.467	ng	99
13) 1,4-Dichlorobenzene	7.881	146	236660	8.522	ng	96
14) 1,2-Dichlorobenzene	8.198	146	230039	8.417	ng	98
15) Benzyl Alcohol	8.081	79	190670	8.846	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.369	45	355087	9.868	ng	99
17) 2-Methylphenol	8.281	107	165505	8.131	ng	97
18) Hexachloroethane	8.933	117	96741	8.720	ng	94
19) n-Nitroso-di-n-propyla...	8.651	70	191582	8.929	ng	96
20) 3+4-Methylphenols	8.604	107	224180	7.893	ng	98
22) Acetophenone	8.663	105	362231	8.821	ng	# 98
24) Nitrobenzene	9.039	77	293490	9.151	ng	96
25) Isophorone	9.569	82	496180	9.043	ng	100
26) 2-Nitrophenol	9.751	139	82152	7.517	ng	99
27) 2,4-Dimethylphenol	9.810	122	102456	6.184	ng	97
28) bis(2-Chloroethoxy)met...	10.051	93	305900	8.875	ng	99
29) 2,4-Dichlorophenol	10.286	162	162005	7.697	ng	96
30) 1,2,4-Trichlorobenzene	10.504	180	190088	7.884	ng	98
31) Naphthalene	10.692	128	695836	8.248	ng	100
32) Benzoic acid	9.880	122	76338m	10.721	ng	
33) 4-Chloroaniline	10.792	127	266957	8.752	ng	96
34) Hexachlorobutadiene	10.986	225	99661	7.463	ng	99
35) Caprolactam	11.551	113	53484	7.715	ng	98
36) 4-Chloro-3-methylphenol	11.910	107	189138	7.841	ng	97
37) 2-Methylnaphthalene	12.304	142	443270	7.895	ng	99
38) 1-Methylnaphthalene	12.521	142	414199	7.423	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	192703	7.981	ng	98
41) Hexachlorocyclopentadiene	12.657	237	46720	5.919	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	109982	7.271	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	124241	7.272	ng	95
46) 1,1'-Biphenyl	13.310	154	588804	8.481	ng	99
47) 2-Chloronaphthalene	13.351	162	436775	8.102	ng	99
48) 2-Nitroaniline	13.545	65	122352	7.727	ng	95
49) Acenaphthylene	14.198	152	685920	8.817	ng	99
50) Dimethylphthalate	13.933	163	512965	8.435	ng	100
51) 2,6-Dinitrotoluene	14.039	165	95682	7.453	ng	92
52) Acenaphthene	14.539	154	419499	7.696	ng	96
53) 3-Nitroaniline	14.368	138	112600	7.891	ng	99
54) 2,4-Dinitrophenol	14.568	184	28855	8.530	ng	93
55) Dibenzofuran	14.874	168	631092	8.239	ng	98
56) 4-Nitrophenol	14.668	139	84450	7.192	ng	97
57) 2,4-Dinitrotoluene	14.821	165	121832	7.115	ng	# 82
58) Fluorene	15.521	166	519424	7.532	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.092	232	98564	7.399	ng	94
60) Diethylphthalate	15.292	149	541108	8.360	ng	98
61) 4-Chlorophenyl-phenyle...	15.515	204	229924	7.292	ng	95
62) 4-Nitroaniline	15.521	138	115321	6.875	ng	90
63) Azobenzene	15.810	77	650598	9.129	ng	96
65) 4,6-Dinitro-2-methylph...	15.586	198	43532	11.495	ng	96
66) n-Nitrosodiphenylamine	15.727	169	405888	7.890	ng	98
67) 4-Bromophenyl-phenylether	16.409	248	120662	7.384	ng	99
68) Hexachlorobenzene	16.521	284	138884	7.503	ng	96
69) Atrazine	16.668	200	118173	8.311	ng	97
70) Pentachlorophenol	16.862	266	66812	6.226	ng	99
71) Phenanthrene	17.251	178	747109	8.061	ng	99
72) Anthracene	17.345	178	681076	7.649	ng	100
73) Carbazole	17.604	167	686326	7.778	ng	98
74) Di-n-butylphthalate	18.180	149	829801	7.859	ng	99
75) Fluoranthene	19.262	202	718081	7.101	ng	97
77) Benzidine	19.439	184	207917	11.147	ng	99
78) Pyrene	19.621	202	761772	7.886	ng	100
80) Butylbenzylphthalate	20.521	149	285300	7.672	ng	97
81) Benzo(a)anthracene	21.415	228	727681	8.430	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	189111	8.236	ng	97
83) Chrysene	21.480	228	678573	8.311	ng	98
84) Bis(2-ethylhexyl)phtha...	21.350	149	463086	7.949	ng	# 98
85) Di-n-octyl phthalate	22.497	149	639529	7.761	ng	97
87) Indeno(1,2,3-cd)pyrene	27.868	276	596705	8.493	ng	97
88) Benzo(b)fluoranthene	23.503	252	602911	7.937	ng	98
89) Benzo(k)fluoranthene	23.562	252	627405	8.334	ng	98
90) Benzo(a)pyrene	24.315	252	516597	8.298	ng	97
91) Dibenzo(a,h)anthracene	27.938	278	484578	8.198	ng	100
92) Benzo(g,h,i)perylene	28.932	276	449055	7.777	ng	94

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

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Manual Integrations

APPROVED

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 Supervised By :mohammad ahmed 09/19/2024

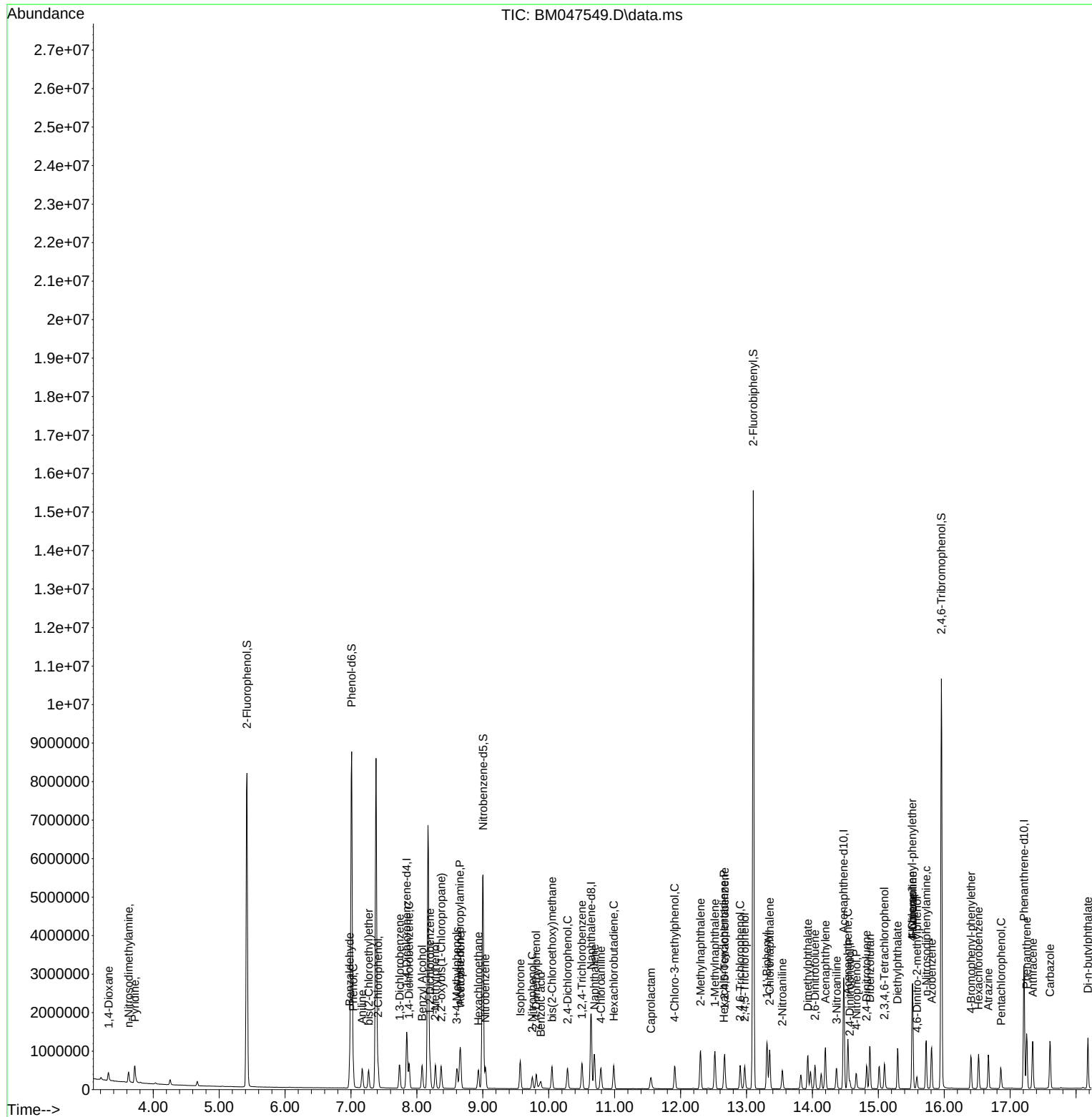
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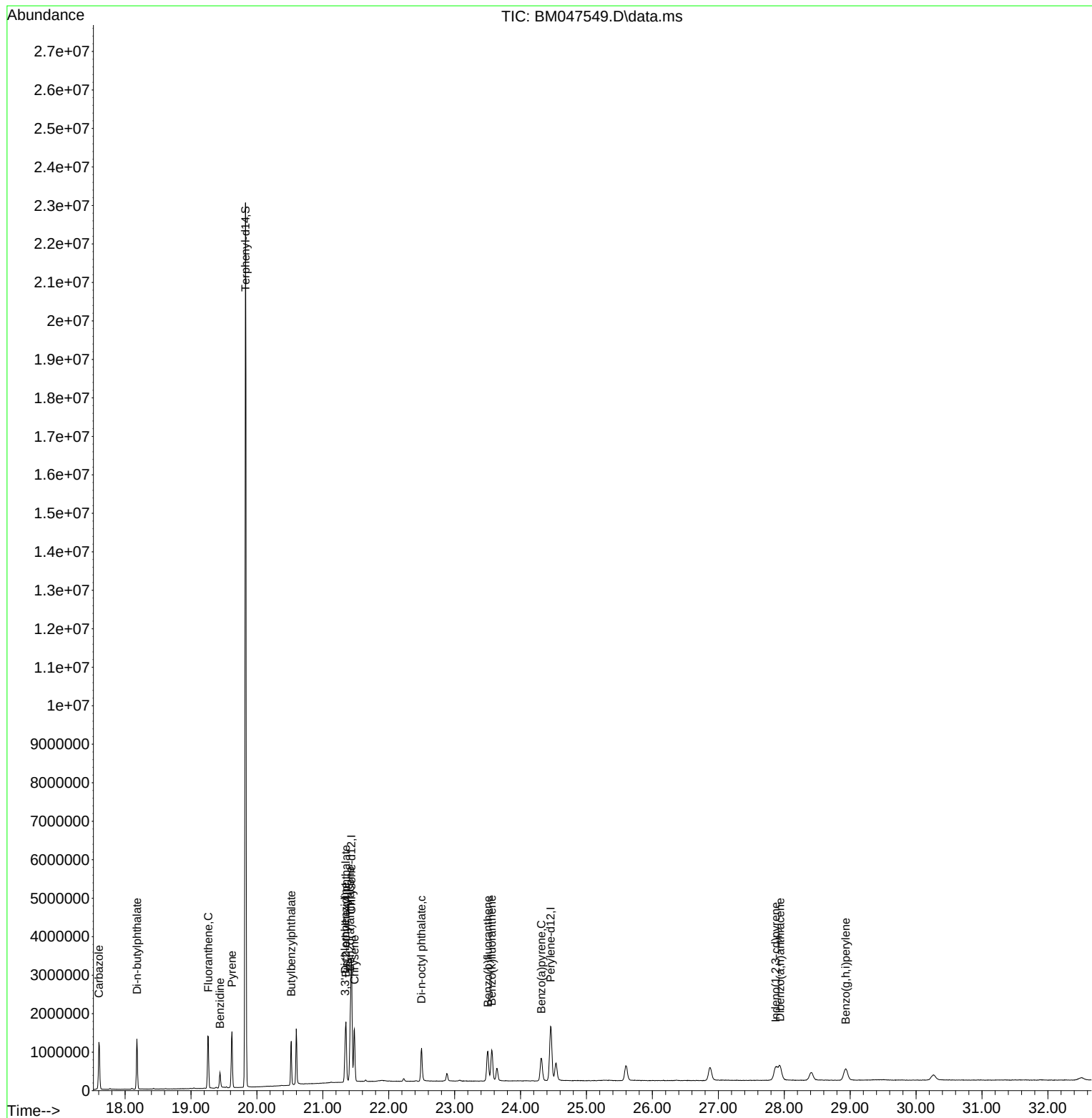
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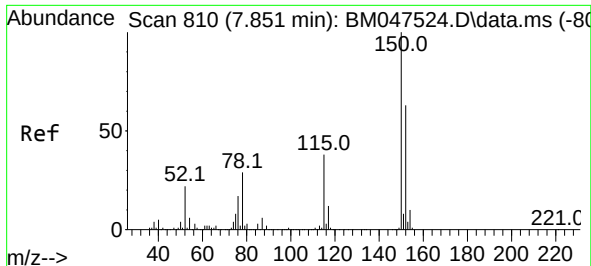
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BNA_M
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LOD-MDL-WATER-01-QT2-2024

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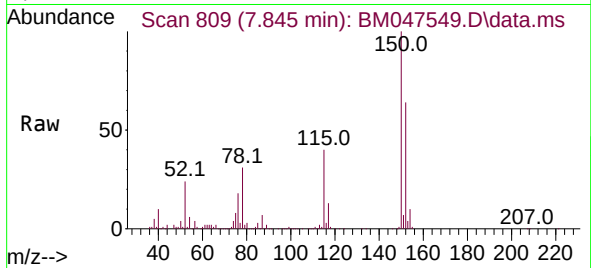
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

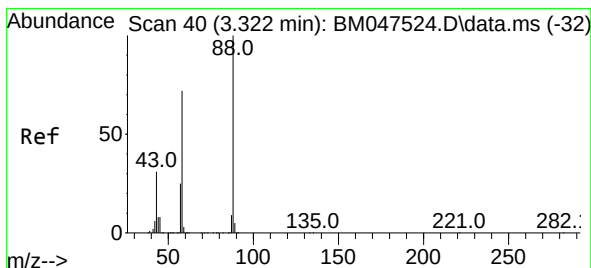
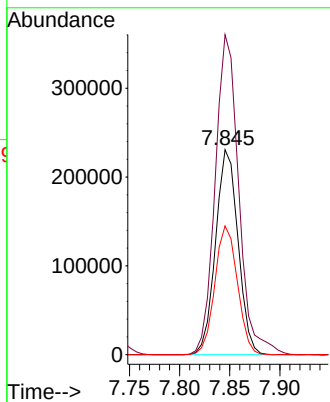
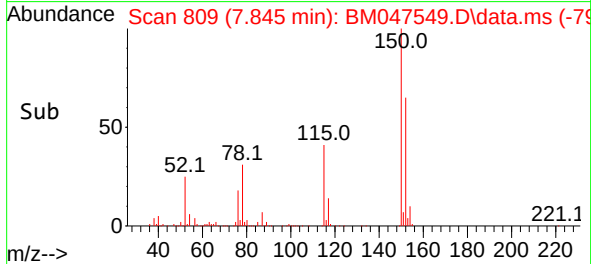
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 152 Resp: 359780
Ion Ratio Lower Upper
152 100
150 156.1 126.8 190.2
115 62.9 47.8 71.8

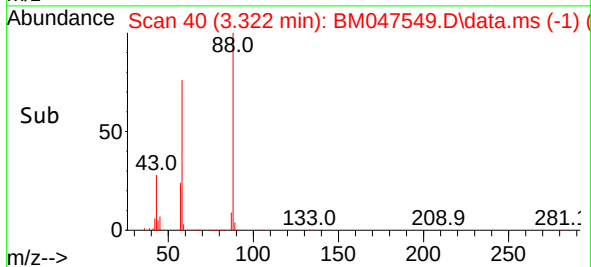
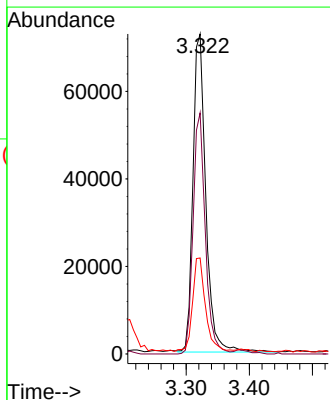
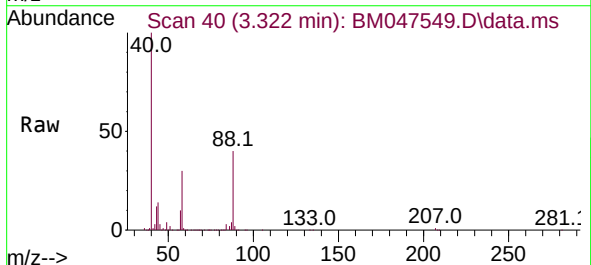
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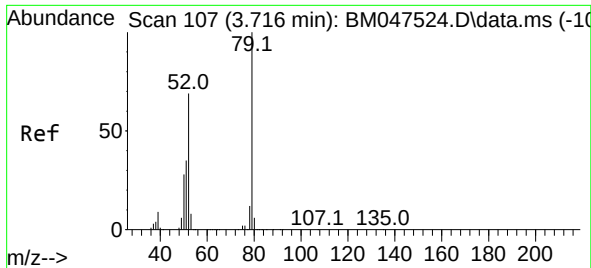
Reviewed By :Jagrut Upadhyay 09/18/2024
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#2
1,4-Dioxane
Concen: 10.621 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

Tgt Ion: 88 Resp: 102789
Ion Ratio Lower Upper
88 100
58 72.0 59.0 88.6
43 29.4 25.0 37.4





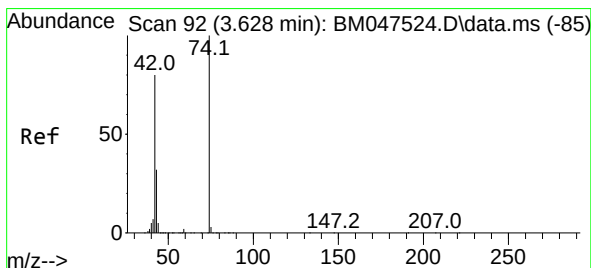
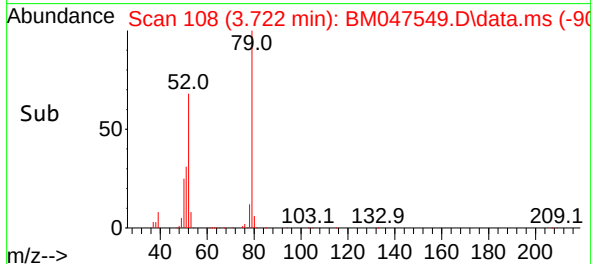
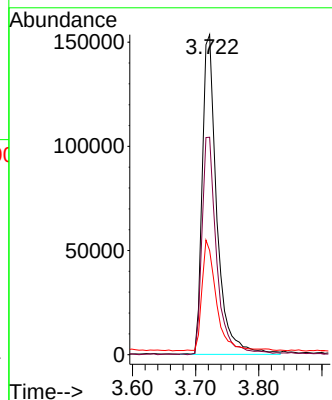
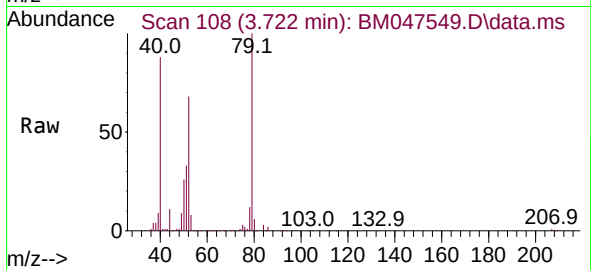
#3
Pyridine
Concen: 8.558 ng
RT: 3.722 min Scan# 107
Delta R.T. 0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

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LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 79 Resp: 24653
Ion Ratio Lower Upper
79 100
52 68.0 55.4 83.0
51 32.6 27.9 41.9

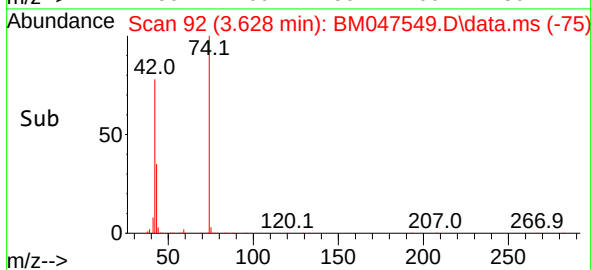
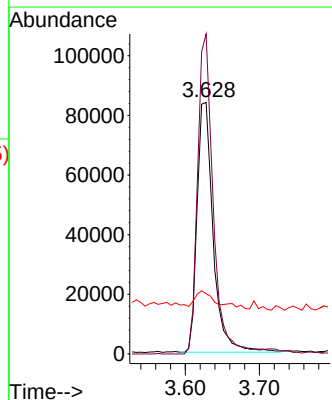
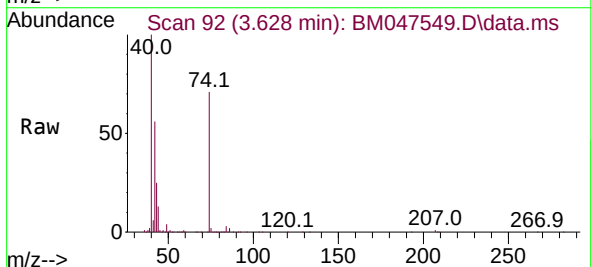
Manual Integrations
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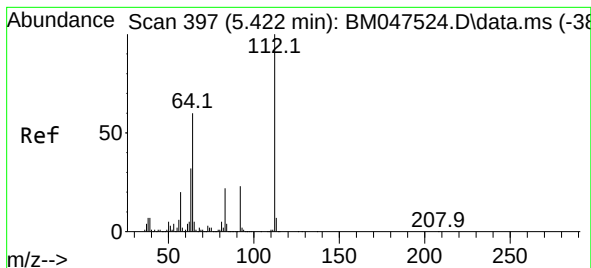
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#4
n-Nitrosodimethylamine
Concen: 9.697 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

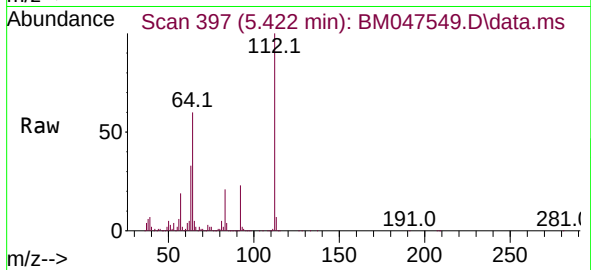
Tgt Ion: 42 Resp: 126756
Ion Ratio Lower Upper
42 100
74 127.2 100.5 150.7
44 23.9 6.9 10.3





#5
2-Fluorophenol
Concen: 146.800 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

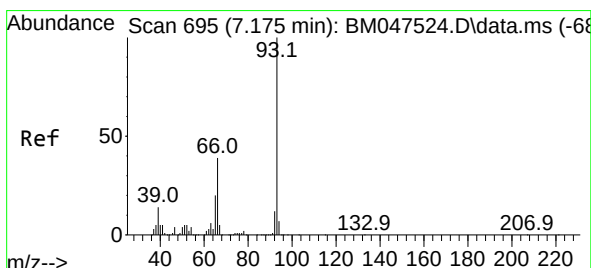
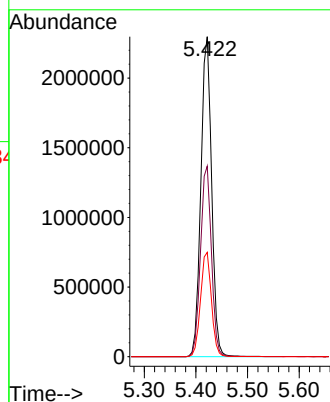
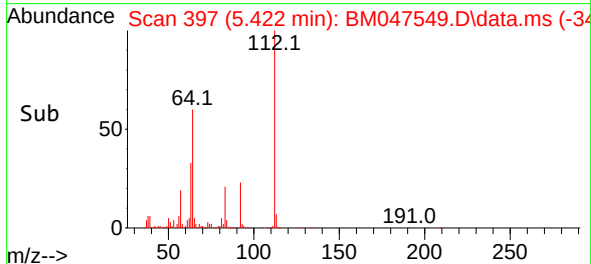
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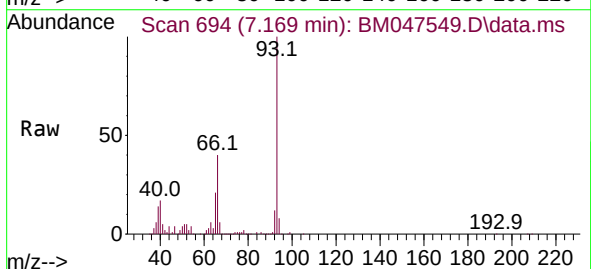
Tgt Ion:112 Resp: 331712
Ion Ratio Lower Upper
112 100
64 59.5 48.2 72.4
63 32.6 26.0 39.0

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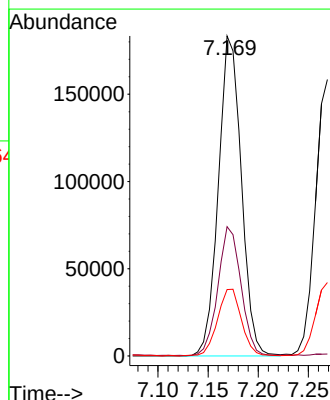
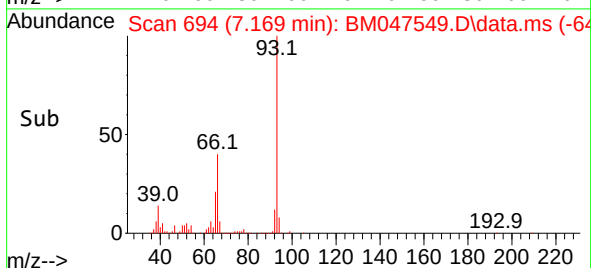
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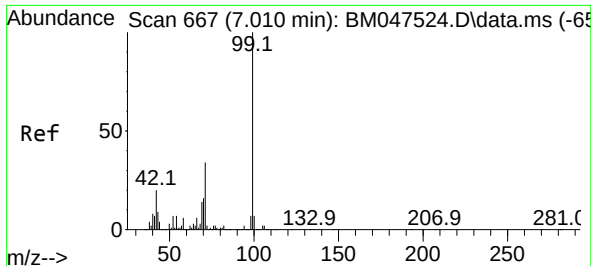


#6
Aniline
Concen: 10.326 ng
RT: 7.169 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM047549.D
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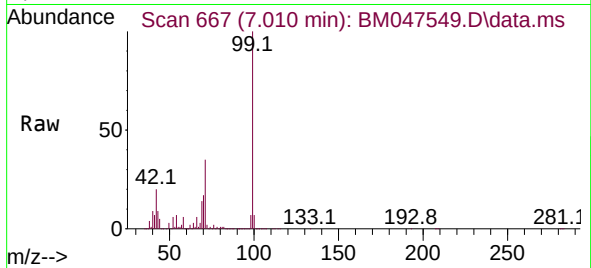
Tgt Ion: 93 Resp: 291320
Ion Ratio Lower Upper
93 100
66 40.4 31.4 47.0
65 20.7 16.3 24.5





#7
Phenol-d6
Concen: 144.208 ng
RT: 7.010 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

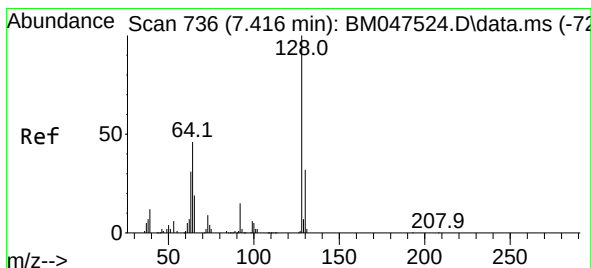
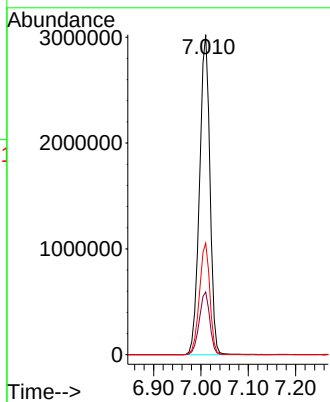
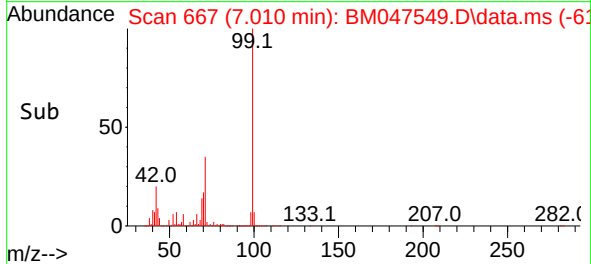
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 99 Resp: 458896
Ion Ratio Lower Upper
99 100
42 19.6 15.8 23.8
71 34.9 27.6 41.4

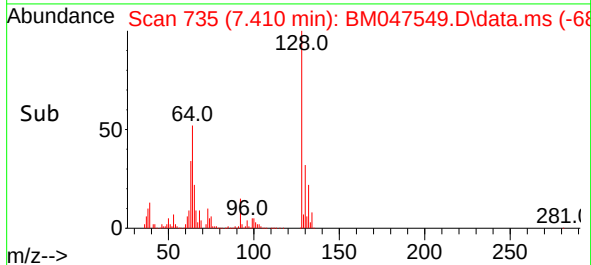
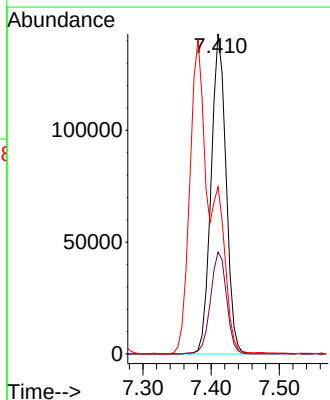
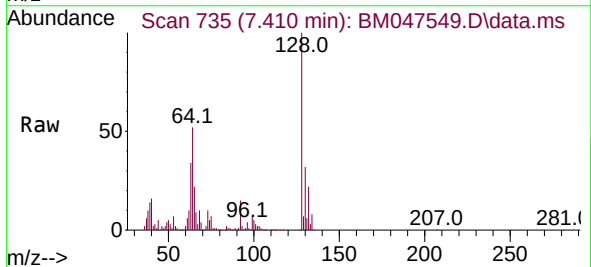
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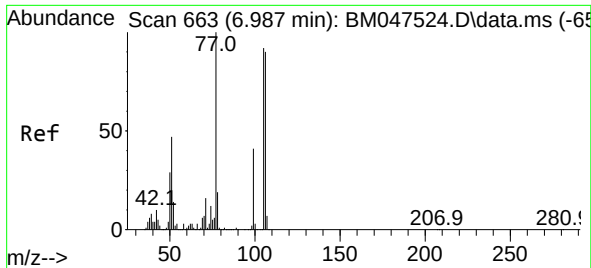
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#8
2-Chlorophenol
Concen: 8.831 ng
RT: 7.410 min Scan# 735
Delta R.T. -0.006 min
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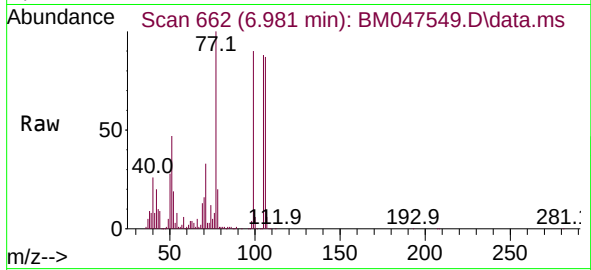
Tgt Ion:128 Resp: 219973
Ion Ratio Lower Upper
128 100
130 31.8 11.8 51.8
64 52.2 27.6 67.6





#9
Benzaldehyde
Concen: 15.205 ng m
RT: 6.981 min Scan# 662
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

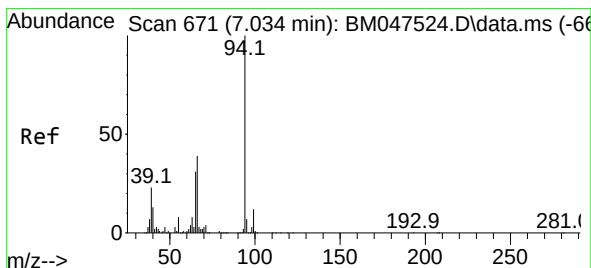
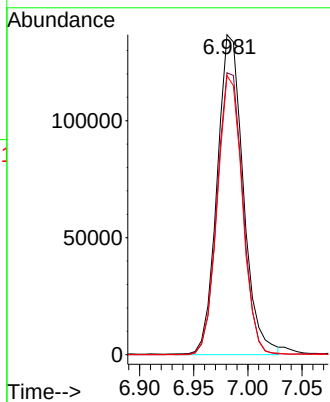
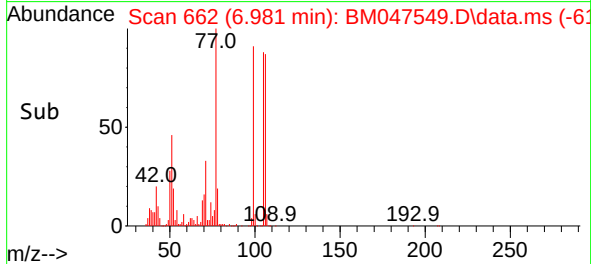
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



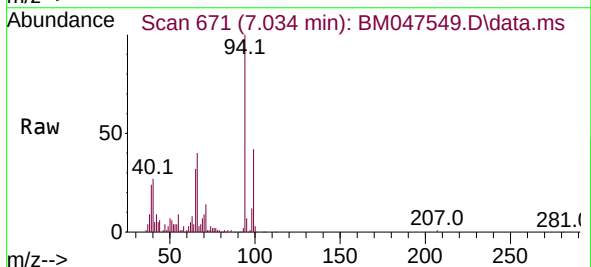
Tgt Ion: 77 Resp: 230063
Ion Ratio Lower Upper
77 100
105 88.1 71.8 111.8
106 87.2 69.7 109.7

Manual Integrations
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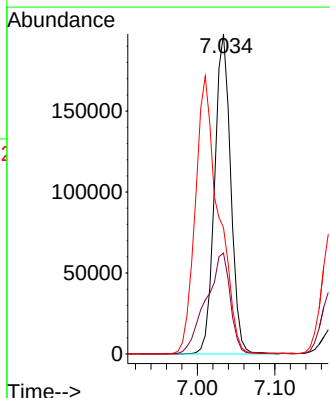
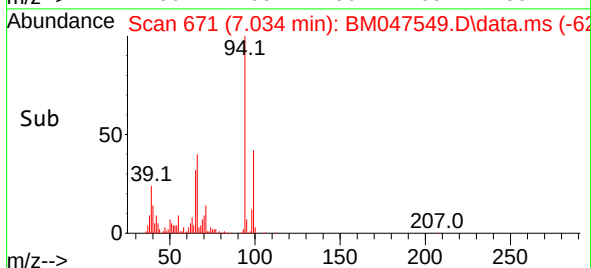
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

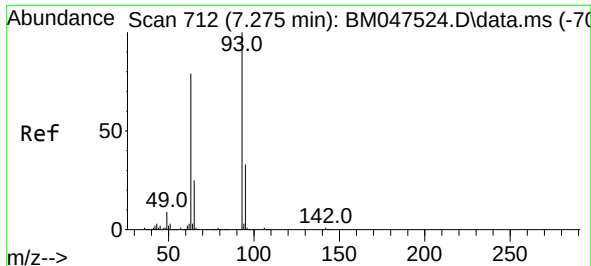


#10
Phenol
Concen: 8.960 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26



Tgt Ion: 94 Resp: 285486
Ion Ratio Lower Upper
94 100
65 31.5 10.8 50.8
66 39.5 19.2 59.2





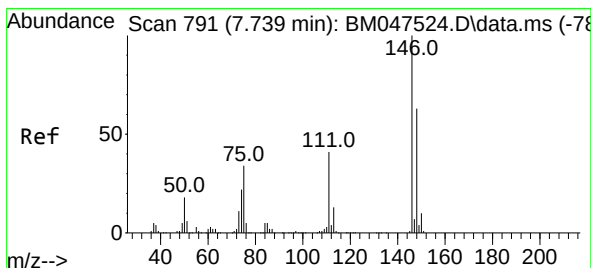
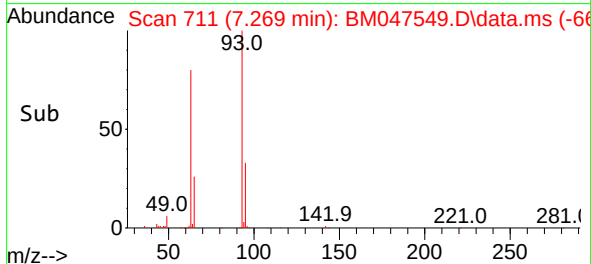
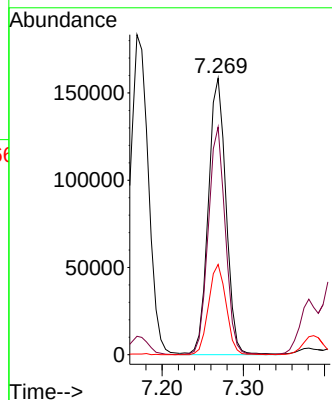
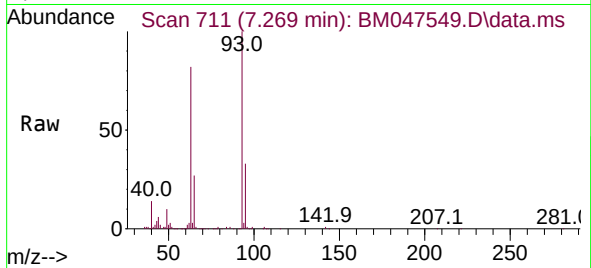
#11
bis(2-Chloroethyl)ether
Concen: 9.361 ng
RT: 7.269 min Scan# 712
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 93 Resp: 239464
Ion Ratio Lower Upper
93 100
63 82.4 58.2 98.2
95 32.6 12.8 52.8

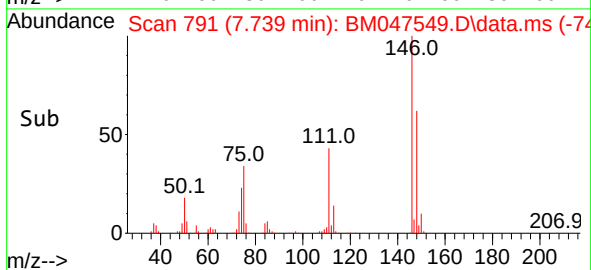
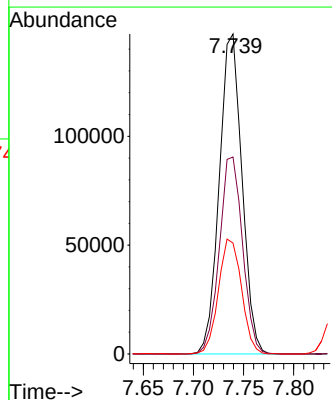
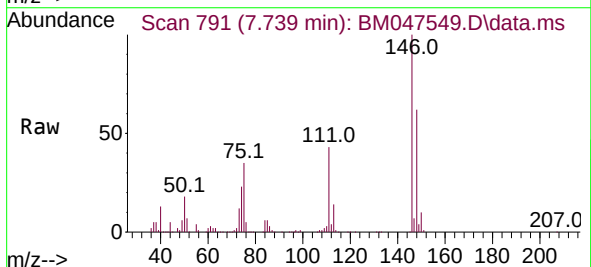
Manual Integrations
APPROVED

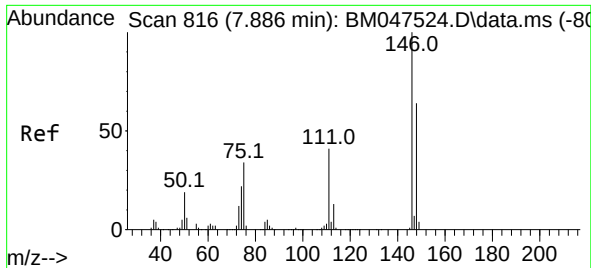
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#12
1,3-Dichlorobenzene
Concen: 8.467 ng
RT: 7.739 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

Tgt Ion:146 Resp: 230862
Ion Ratio Lower Upper
146 100
148 61.6 50.2 75.4
75 34.7 27.4 41.0





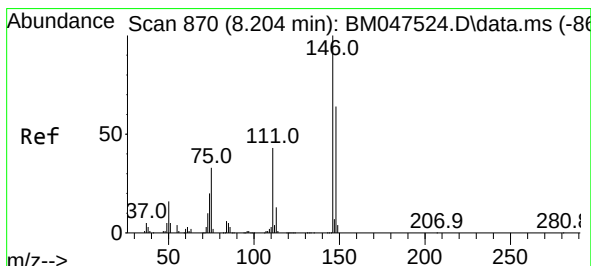
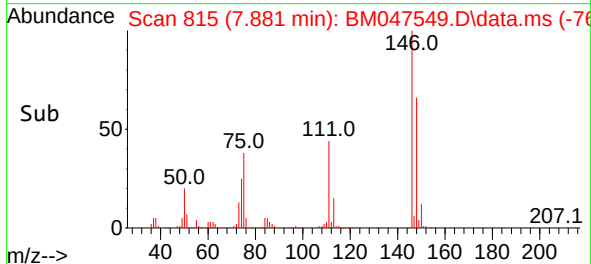
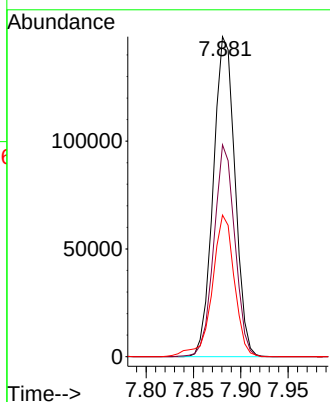
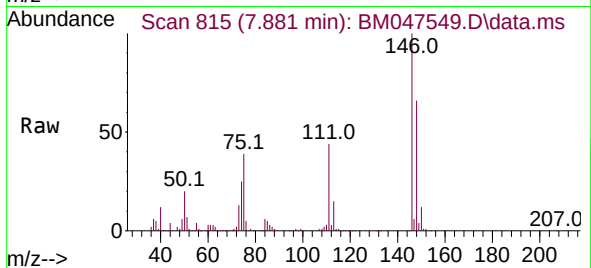
#13
1,4-Dichlorobenzene
Concen: 8.522 ng
RT: 7.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:146 Resp: 236660
Ion Ratio Lower Upper
146 100
148 66.2 51.3 76.9
111 44.3 32.9 49.3

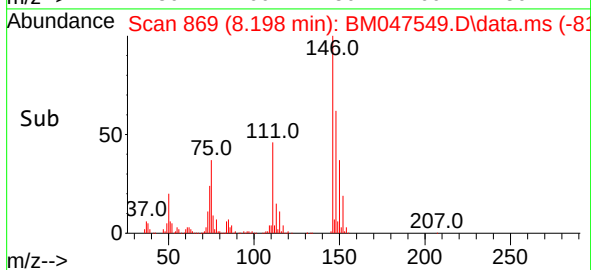
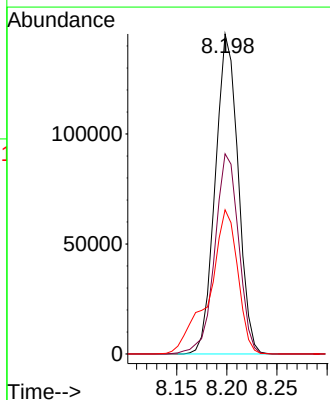
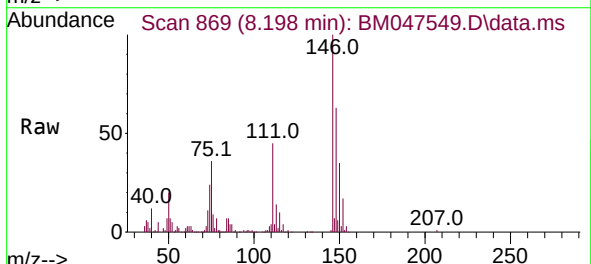
Manual Integrations
APPROVED

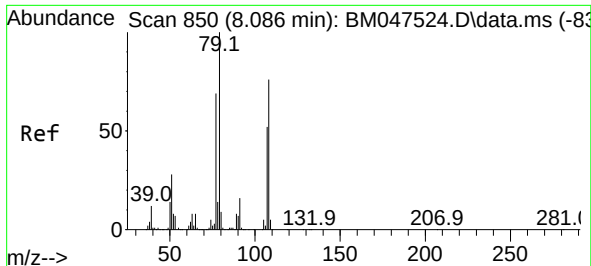
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#14
1,2-Dichlorobenzene
Concen: 8.417 ng
RT: 8.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

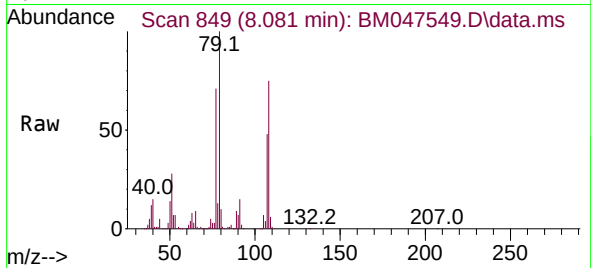
Tgt Ion:146 Resp: 230039
Ion Ratio Lower Upper
146 100
148 62.6 51.1 76.7
111 45.1 34.7 52.1





#15
Benzyl Alcohol
Concen: 8.846 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

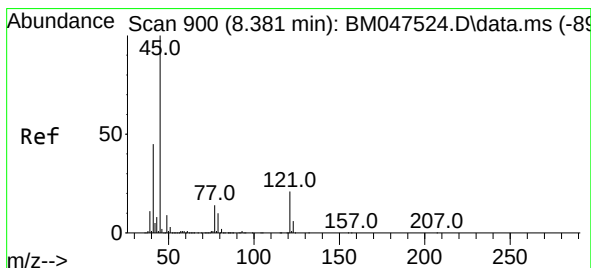
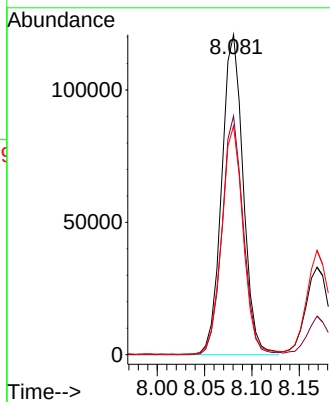
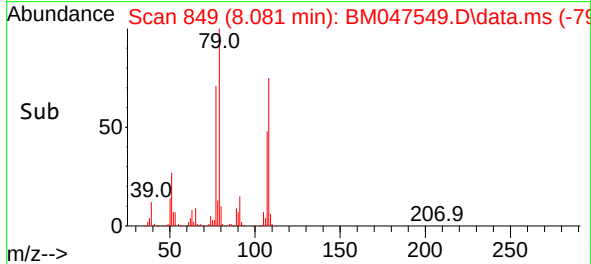
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 79 Resp: 190670
Ion Ratio Lower Upper
79 100
108 74.6 60.6 91.0
77 71.4 55.0 82.4

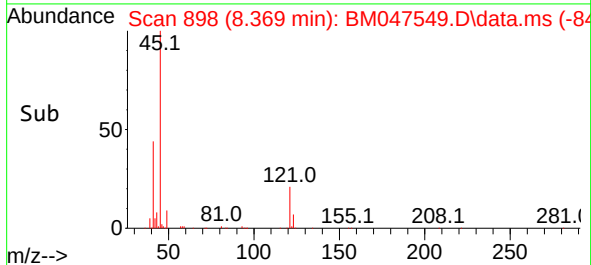
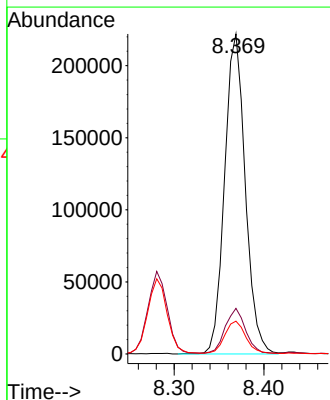
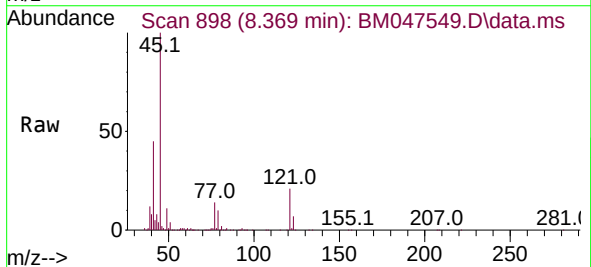
Manual Integrations
APPROVED

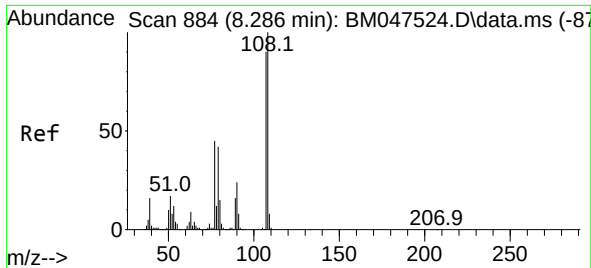
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.868 ng
RT: 8.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

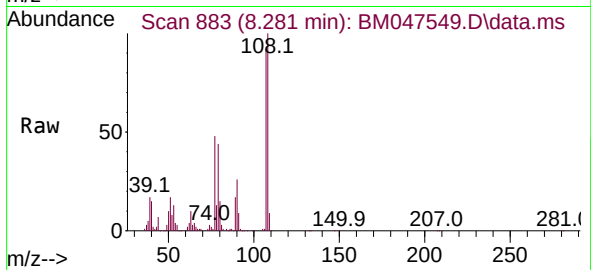
Tgt Ion: 45 Resp: 355087
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.7
79 10.3 0.0 30.3





#17
2-Methylphenol
Concen: 8.131 ng
RT: 8.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

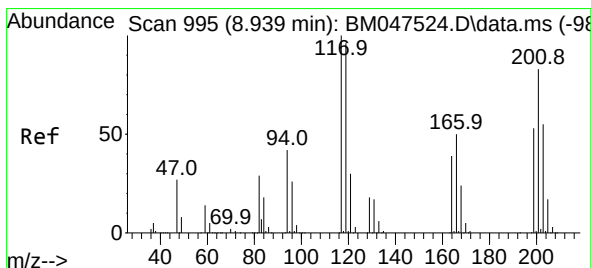
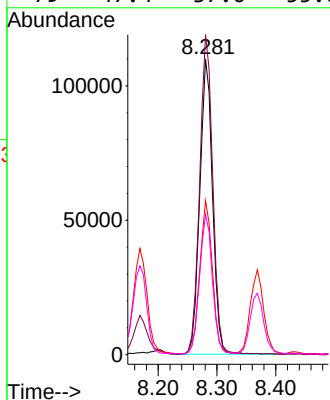
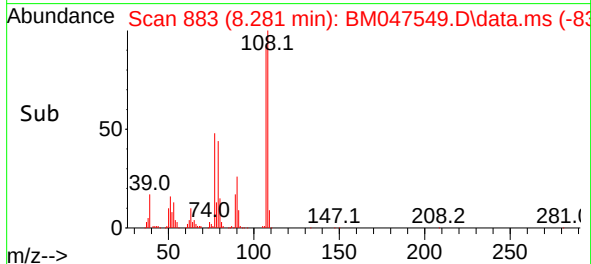
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:107 Resp: 16550
Ion Ratio Lower Upper
107 100
108 108.3 88.9 133.3
77 52.1 39.8 59.8
79 47.4 37.0 55.6

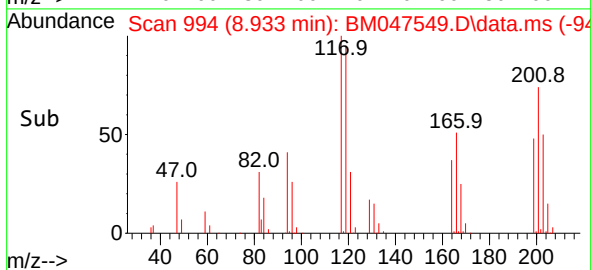
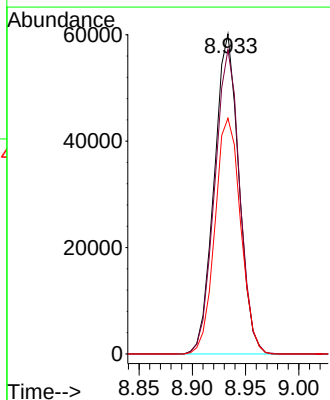
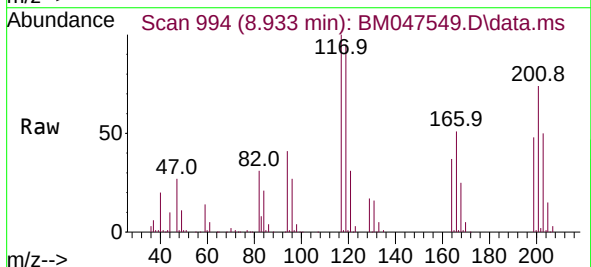
Manual Integrations
APPROVED

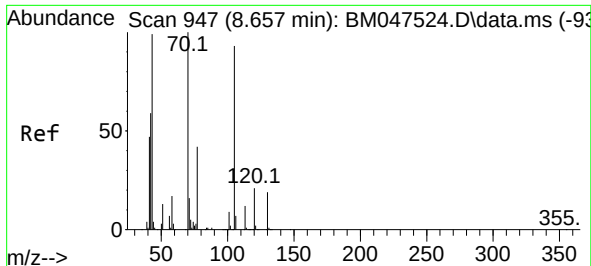
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#18
Hexachloroethane
Concen: 8.720 ng
RT: 8.933 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

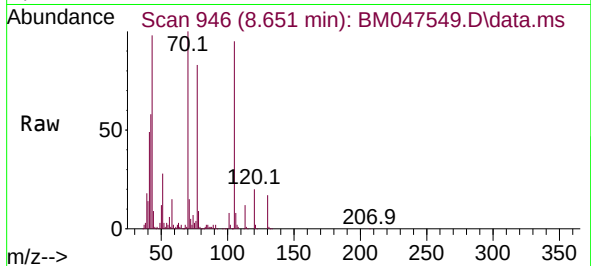
Tgt Ion:117 Resp: 96741
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.4
201 73.6 66.8 100.2





#19
n-Nitroso-di-n-propylamine
Concen: 8.929 ng
RT: 8.651 min Scan# 947
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

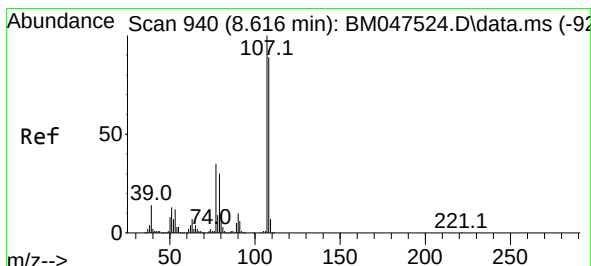
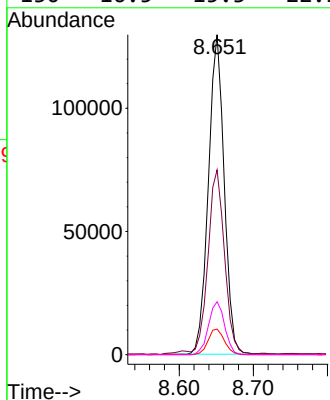
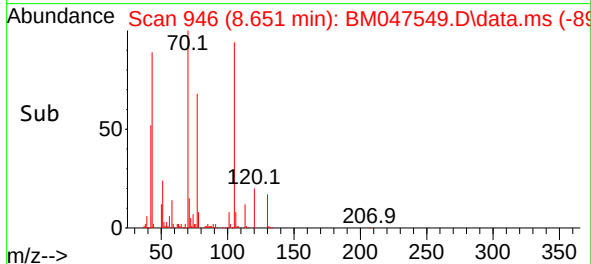
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



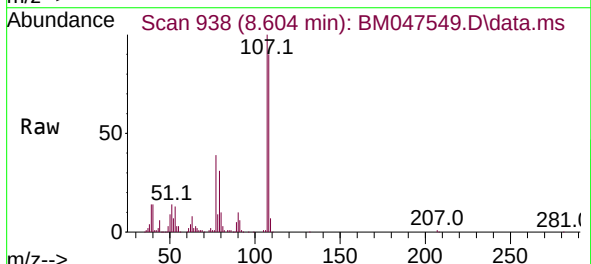
Tgt Ion: 70 Resp: 19158
Ion Ratio Lower Upper
70 100
42 57.7 48.2 72.2
101 8.0 7.0 10.4
130 16.5 15.3 22.9

Manual Integrations
APPROVED

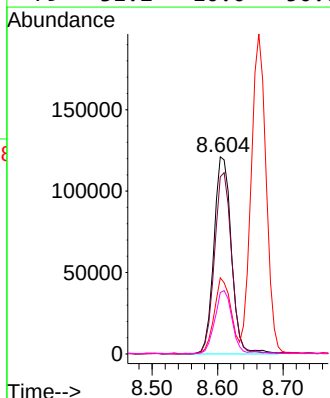
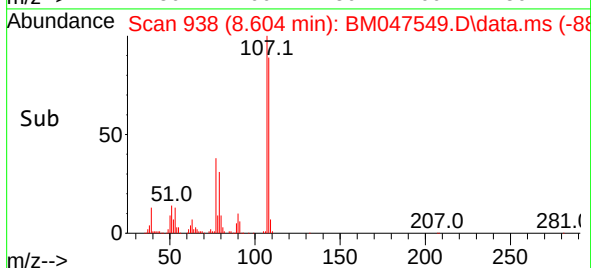
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

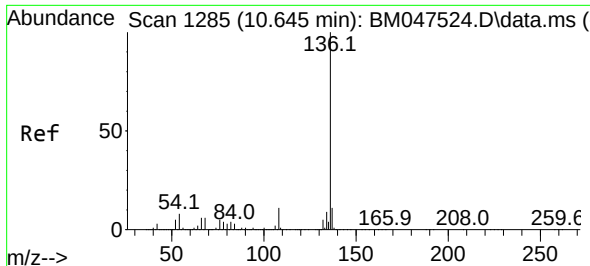


#20
3+4-Methylphenols
Concen: 7.893 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.012 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26



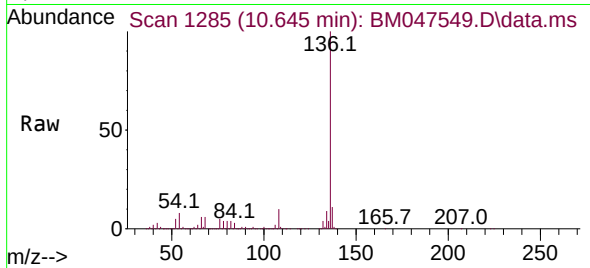
Tgt Ion:107 Resp: 224180
Ion Ratio Lower Upper
107 100
108 89.8 68.9 108.9
77 38.6 15.5 55.5
79 31.2 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

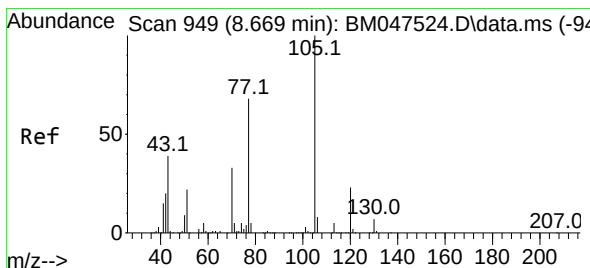
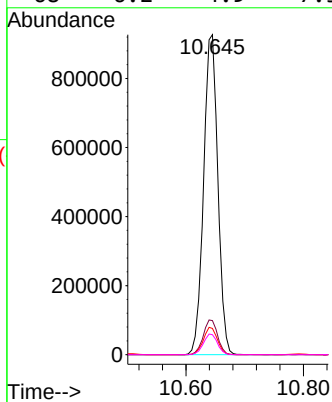
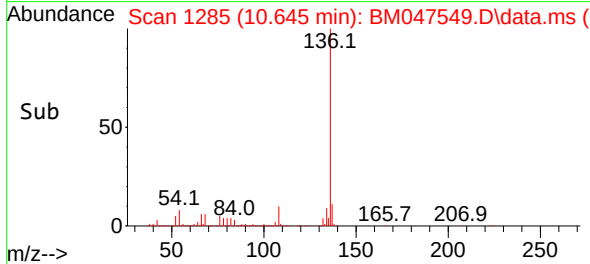
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:136 Resp: 1561998
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 8.2 6.6 9.8
68 6.2 4.9 7.3

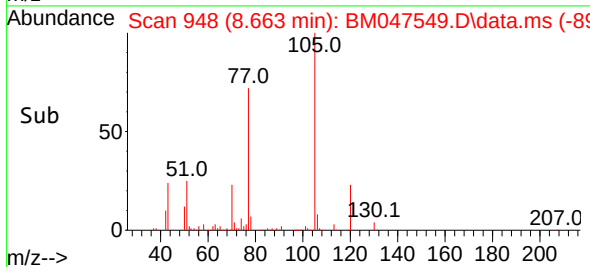
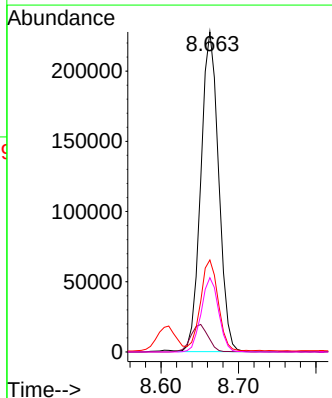
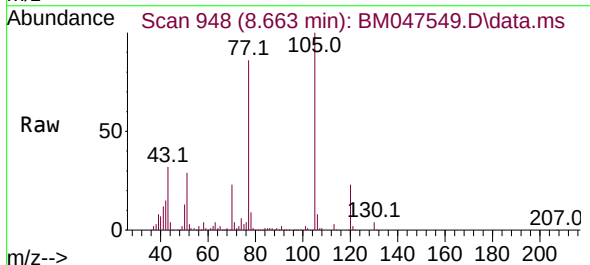
Manual Integrations
APPROVED

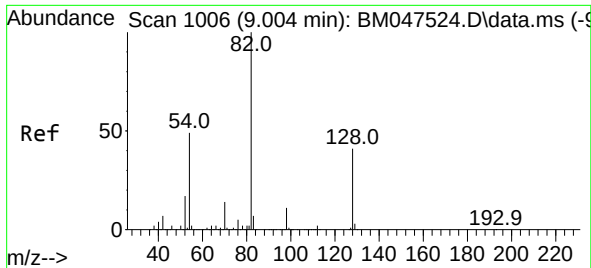
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#22
Acetophenone
Concen: 8.821 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

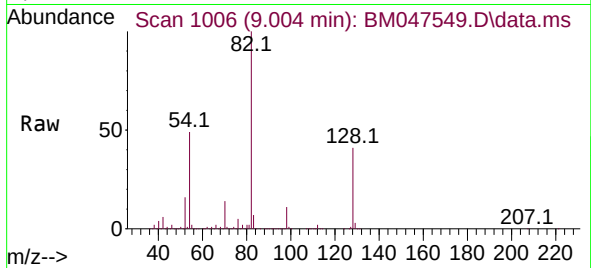
Tgt Ion:105 Resp: 362231
Ion Ratio Lower Upper
105 100
71 3.9 4.3 6.5#
51 28.7 21.5 32.3
120 23.2 18.6 28.0





#23
Nitrobenzene-d5
Concen: 105.382 ng
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

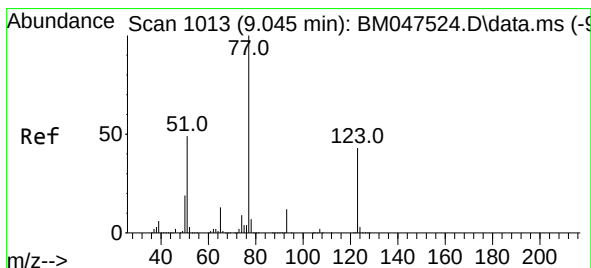
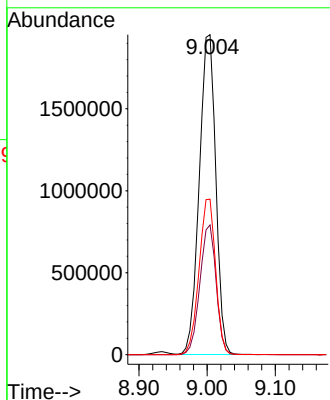
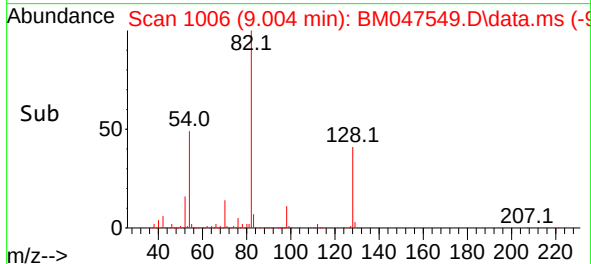
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 82 Resp: 3289099
Ion Ratio Lower Upper
82 100
128 40.6 33.0 49.4
54 48.6 39.3 58.9

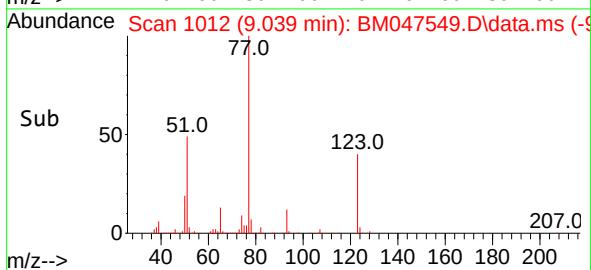
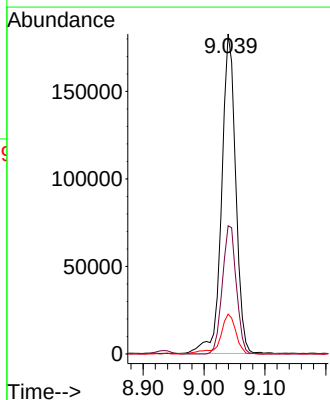
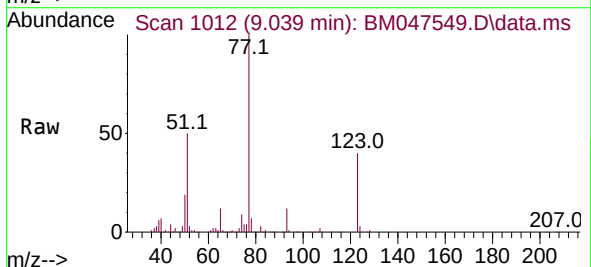
Manual Integrations
APPROVED

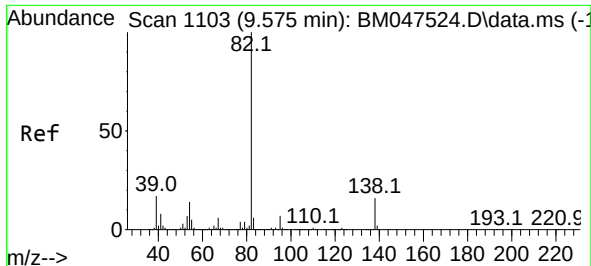
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#24
Nitrobenzene
Concen: 9.151 ng
RT: 9.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

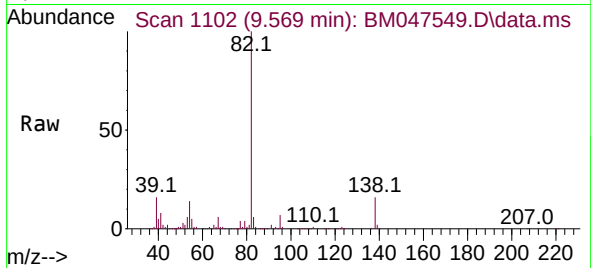
Tgt Ion: 77 Resp: 293490
Ion Ratio Lower Upper
77 100
123 40.1 34.5 51.7
65 12.5 10.7 16.1





#25
Isophorone
Concen: 9.043 ng
RT: 9.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

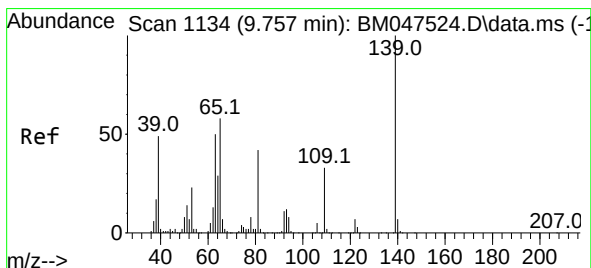
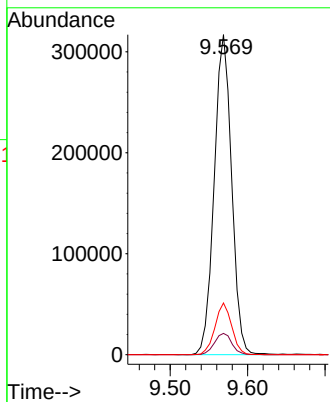
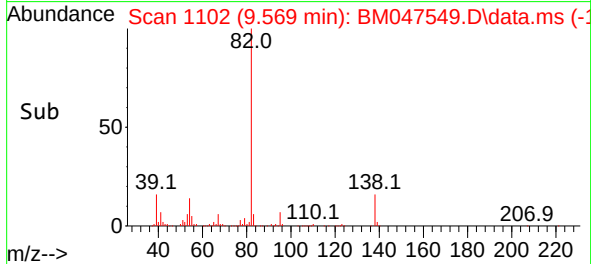
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 82 Resp: 496180
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.1 12.9 19.3

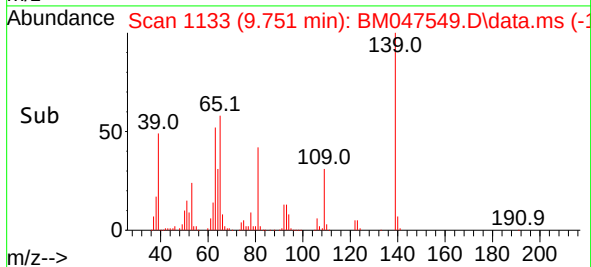
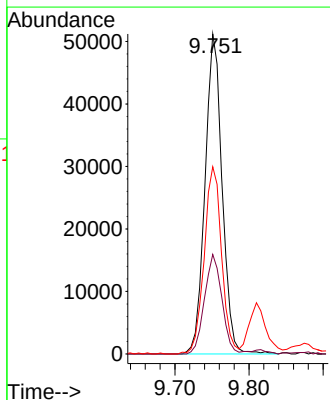
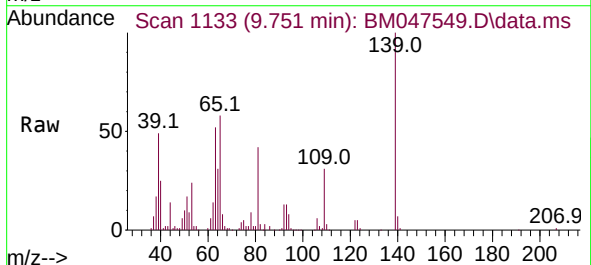
Manual Integrations
APPROVED

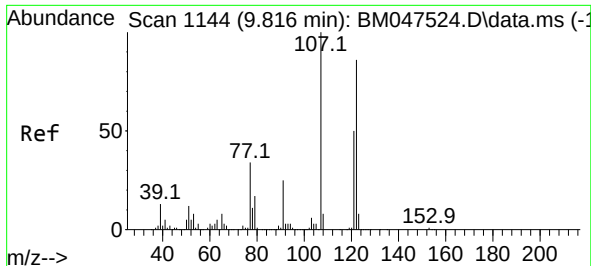
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#26
2-Nitrophenol
Concen: 7.517 ng
RT: 9.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

Tgt Ion:139 Resp: 82152
Ion Ratio Lower Upper
139 100
109 31.1 26.0 39.0
65 58.5 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 6.184 ng

RT: 9.810 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BM047549.D

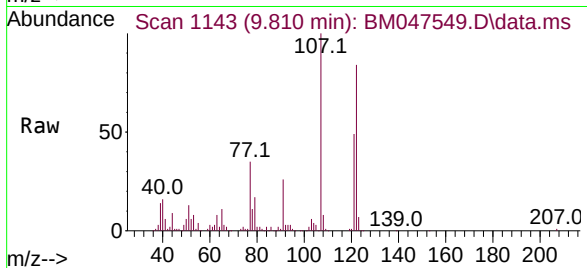
Acq: 17 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

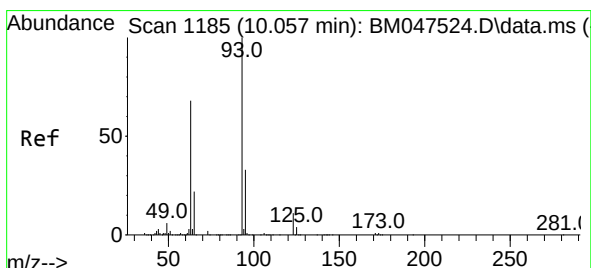
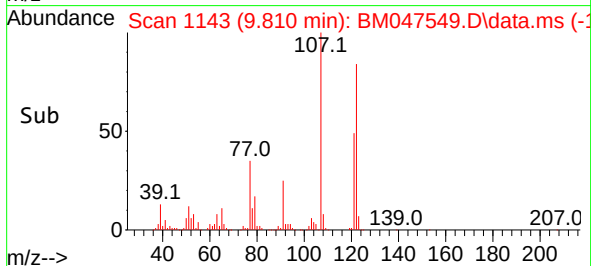
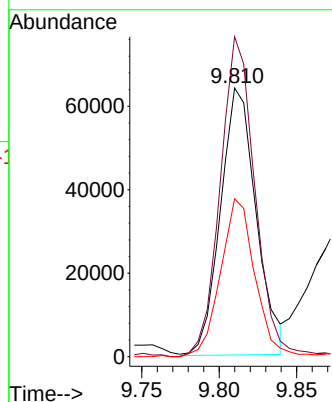


Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.1	92.4	138.6
121	58.8	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#28

bis(2-Chloroethoxy)methane

Concen: 8.875 ng

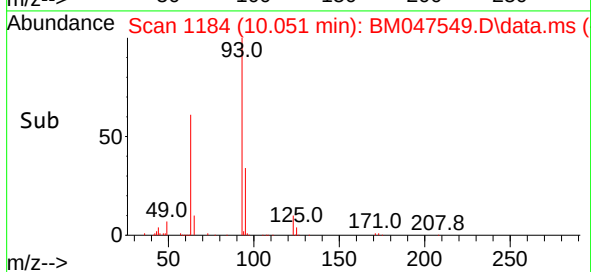
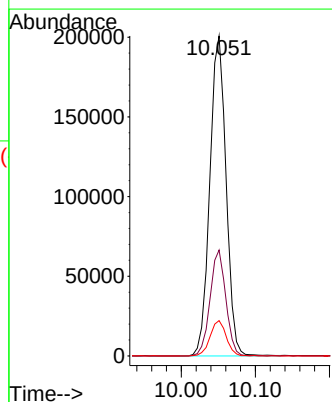
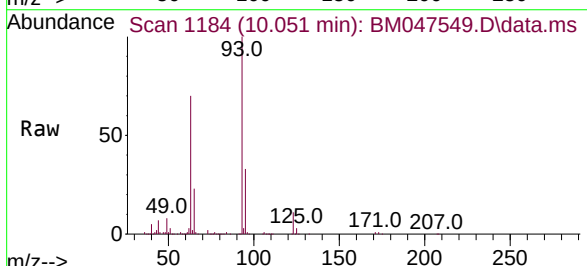
RT: 10.051 min Scan# 1184

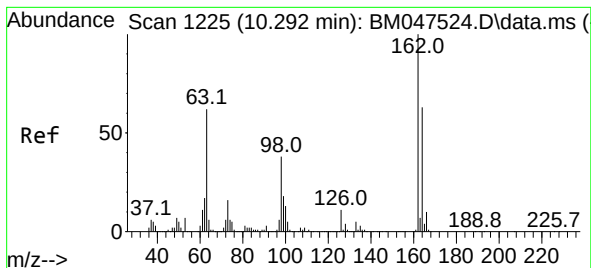
Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.2
123	11.0	9.2	13.8





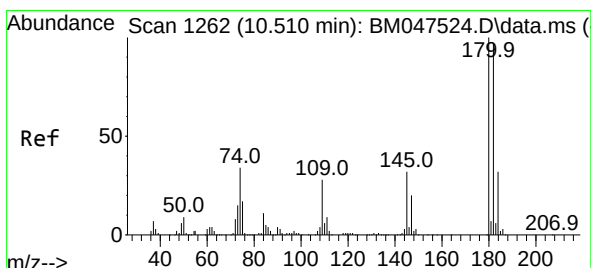
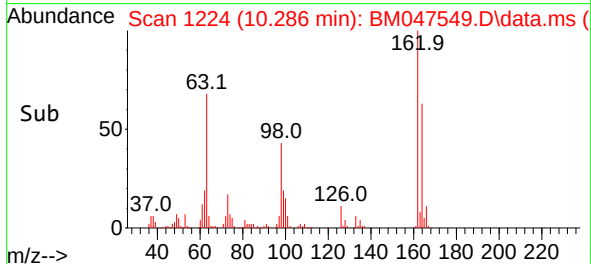
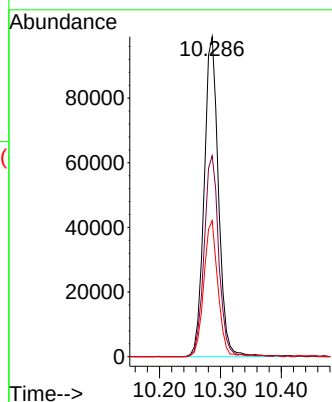
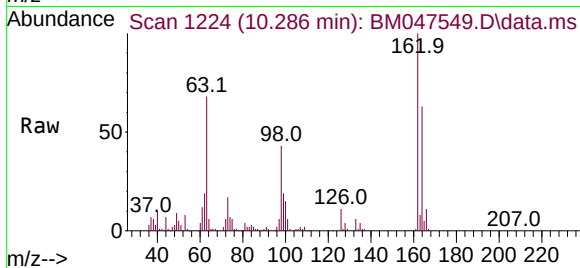
#29
2,4-Dichlorophenol
Concen: 7.697 ng
RT: 10.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:162 Resp: 16200
Ion Ratio Lower Upper
162 100
164 62.8 43.5 83.5
98 42.5 17.6 57.6

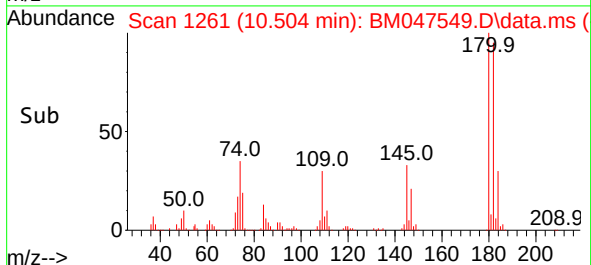
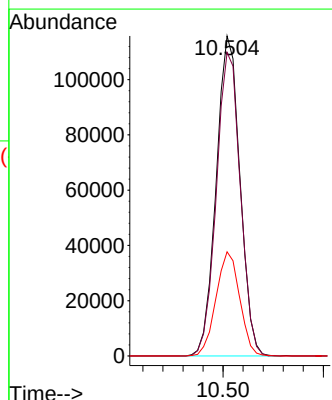
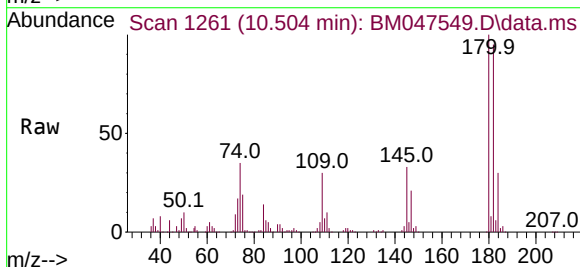
Manual Integrations
APPROVED

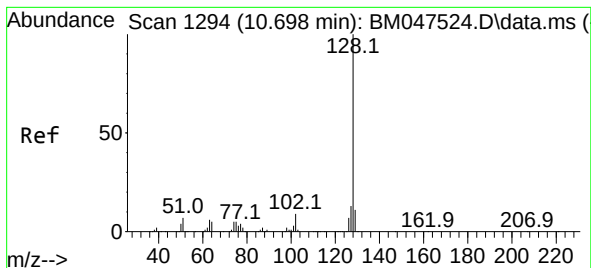
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#30
1,2,4-Trichlorobenzene
Concen: 7.884 ng
RT: 10.504 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

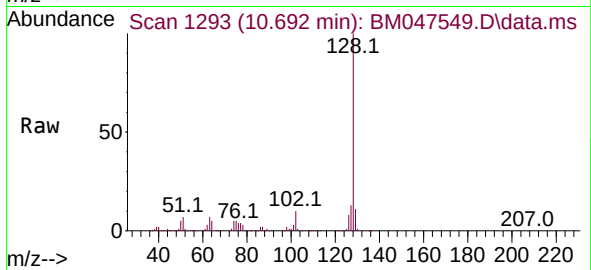
Tgt Ion:180 Resp: 190088
Ion Ratio Lower Upper
180 100
182 94.9 77.6 116.4
145 32.5 25.4 38.0





#31
Naphthalene
Concen: 8.248 ng
RT: 10.692 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

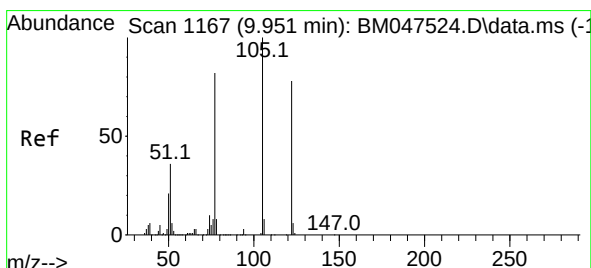
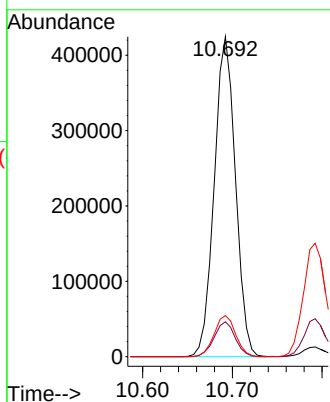
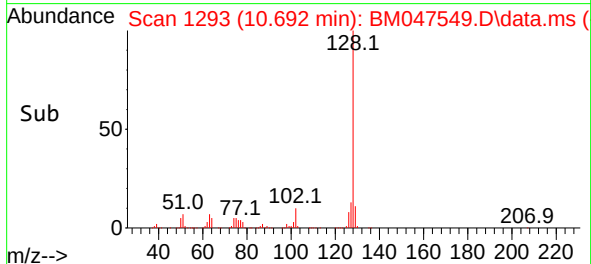
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:128 Resp: 695830
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.5 15.7

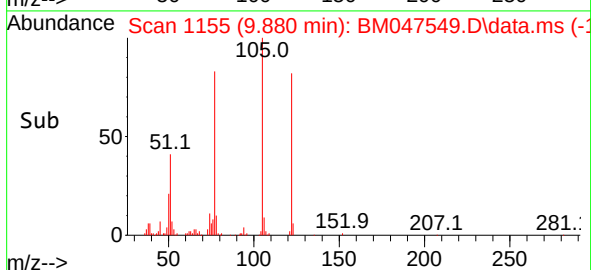
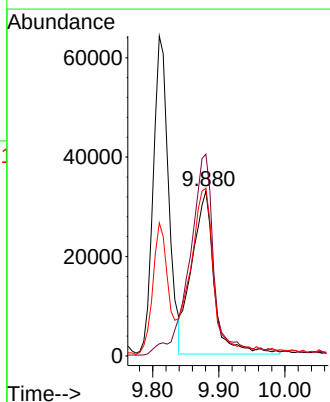
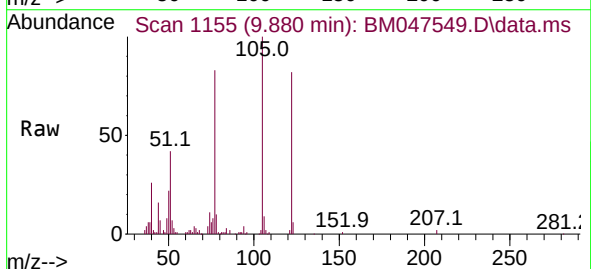
Manual Integrations
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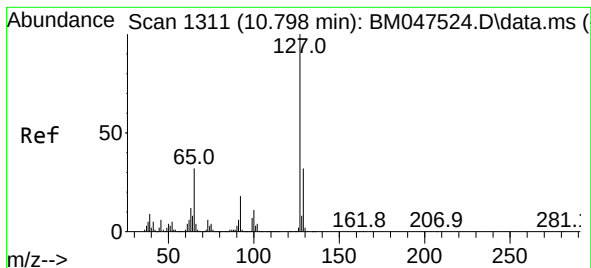
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#32
Benzoic acid
Concen: 10.721 ng m
RT: 9.880 min Scan# 1155
Delta R.T. -0.071 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

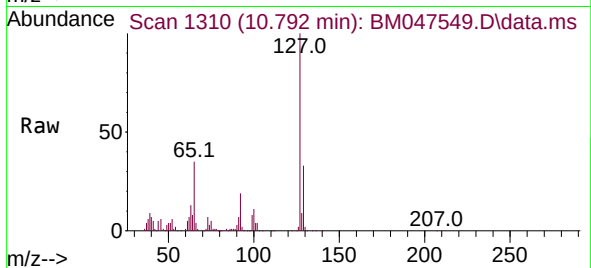
Tgt Ion:122 Resp: 76338
Ion Ratio Lower Upper
122 100
105 122.5 104.7 144.7
77 101.9 83.4 123.4





#33
4-Chloroaniline
Concen: 8.752 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

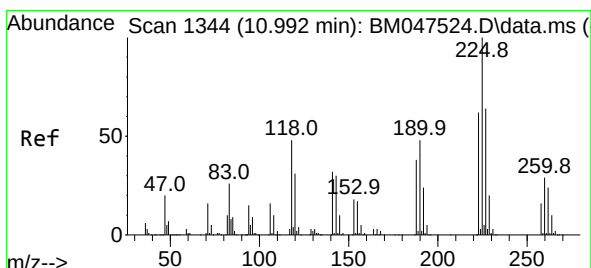
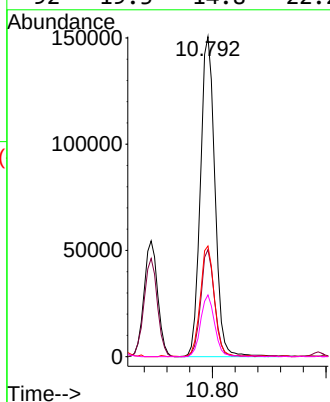
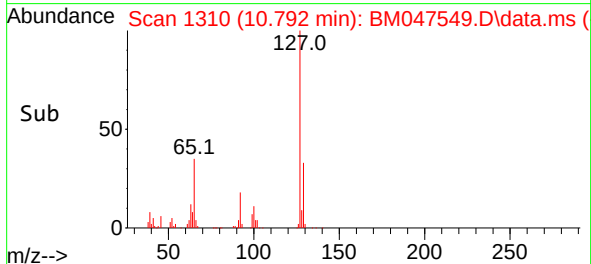
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.4	38.0
65	34.6	25.5	38.3
92	19.3	14.8	22.2

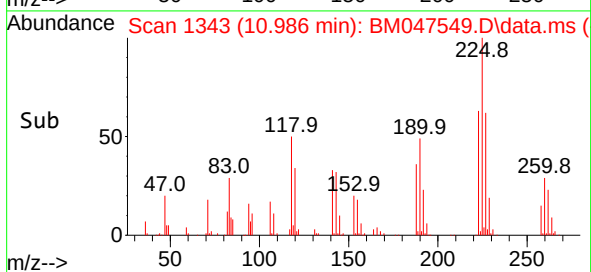
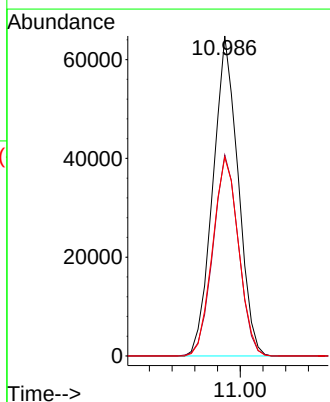
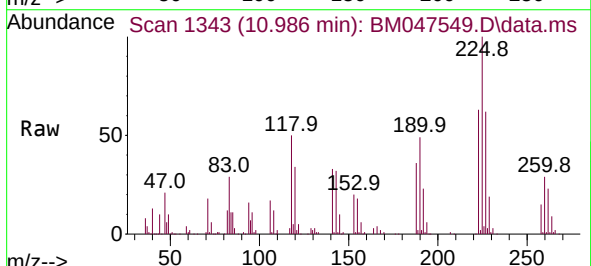
Manual Integrations
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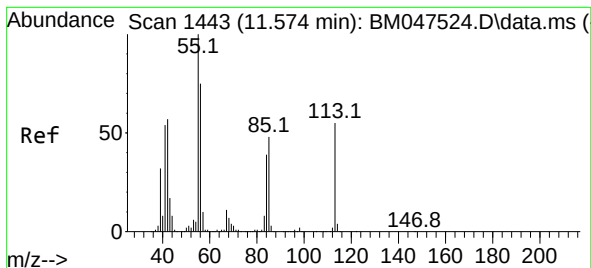
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#34
Hexachlorobutadiene
Concen: 7.463 ng
RT: 10.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.6
227	62.1	51.0	76.4





#35

Caprolactam

Concen: 7.715 ng

RT: 11.551 min Scan# 1443

Delta R.T. -0.023 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

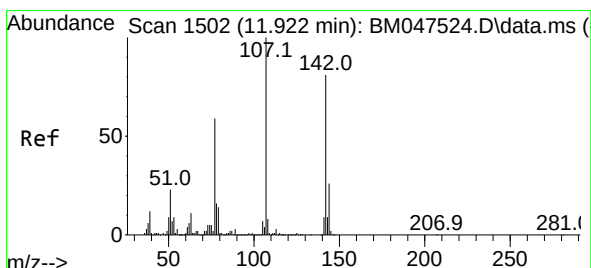
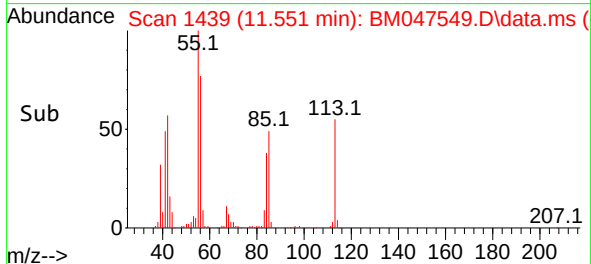
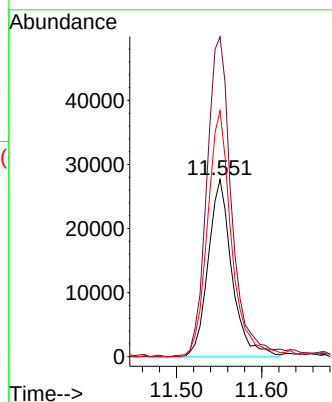
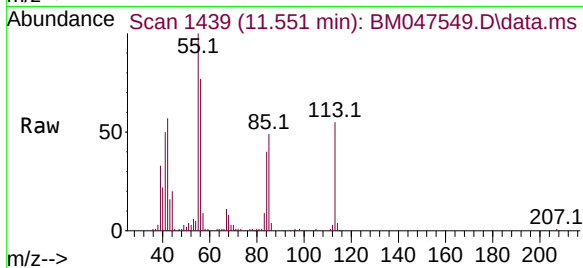
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	113	Resp:	53484
Ion Ratio	Lower	Upper	
113	100		
55	180.6	162.5	202.5
56	138.8	116.5	156.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#36

4-Chloro-3-methylphenol

Concen: 7.841 ng

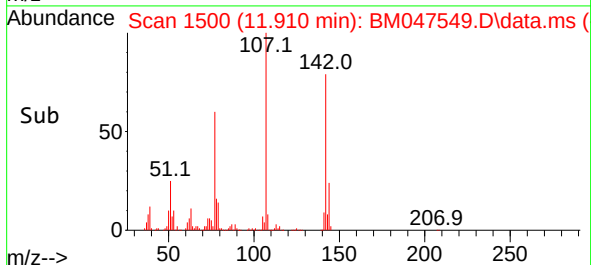
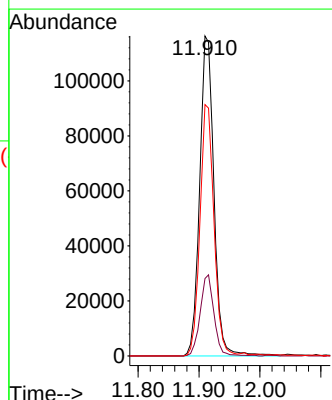
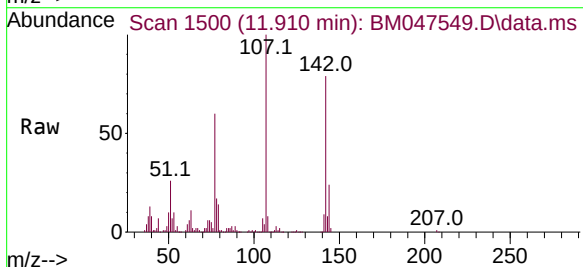
RT: 11.910 min Scan# 1500

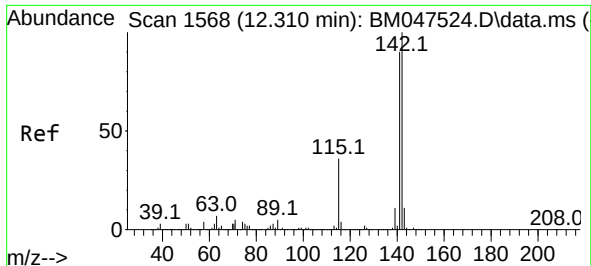
Delta R.T. -0.012 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

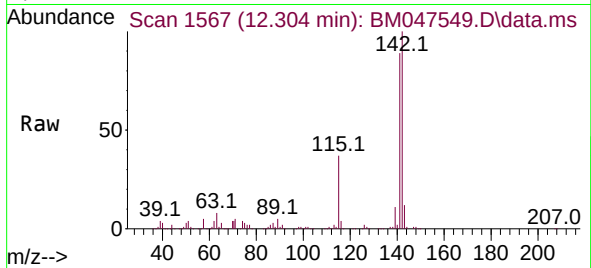
Tgt Ion:	107	Resp:	189138
Ion Ratio	Lower	Upper	
107	100		
144	24.2	20.5	30.7
142	78.5	65.0	97.4





#37
2-Methylnaphthalene
Concen: 7.895 ng
RT: 12.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

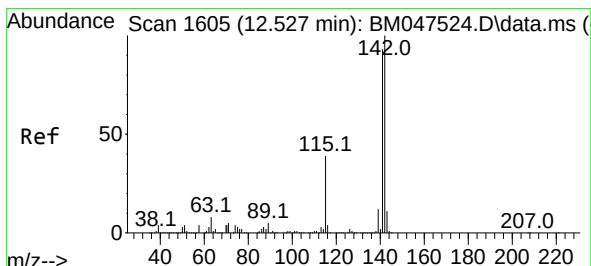
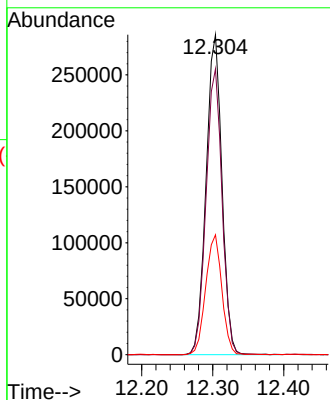
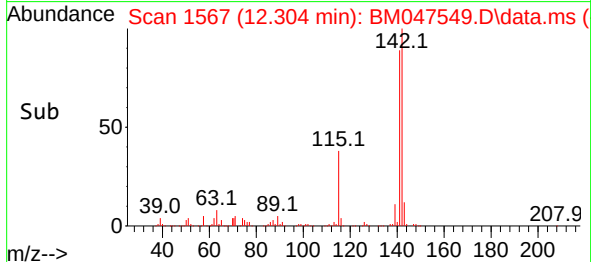
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



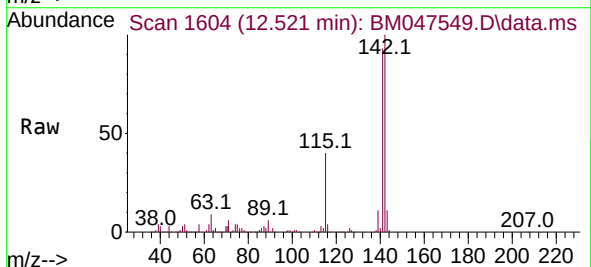
Tgt Ion:142 Resp: 443270
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.4
115 37.5 29.1 43.7

Manual Integrations
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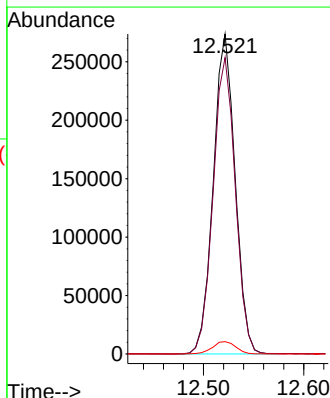
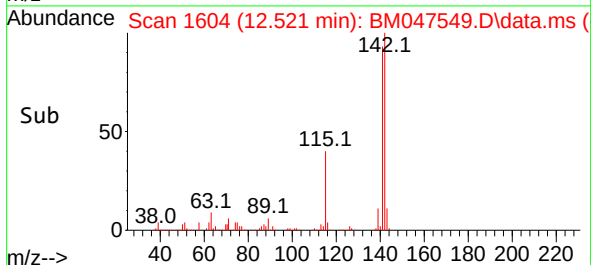
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

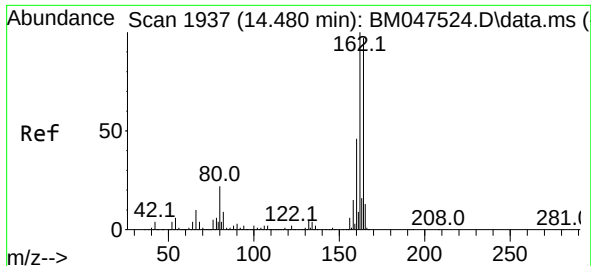


#38
1-Methylnaphthalene
Concen: 7.423 ng
RT: 12.521 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26



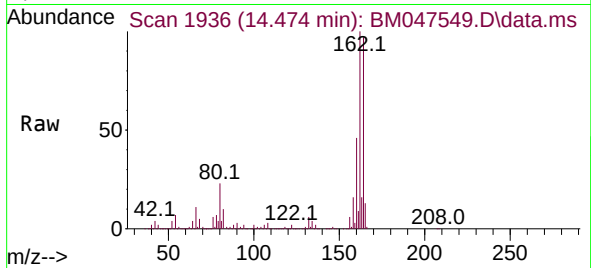
Tgt Ion:142 Resp: 414199
Ion Ratio Lower Upper
142 100
141 92.6 74.7 112.1
116 3.8 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

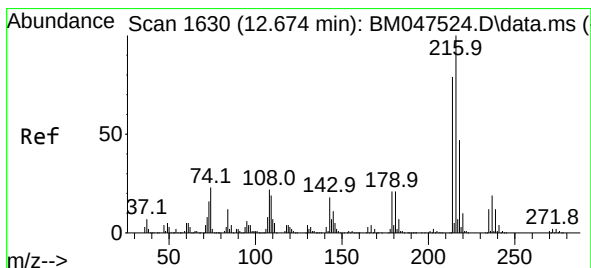
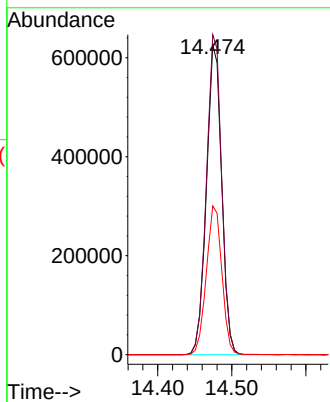
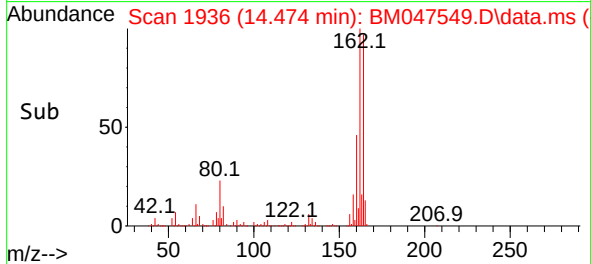
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:164 Resp: 892298
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.2
160 48.0 38.2 57.2

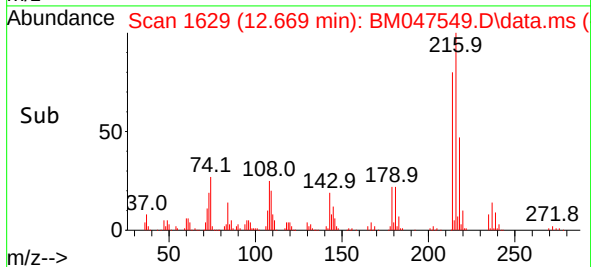
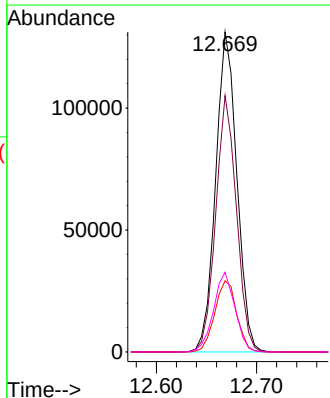
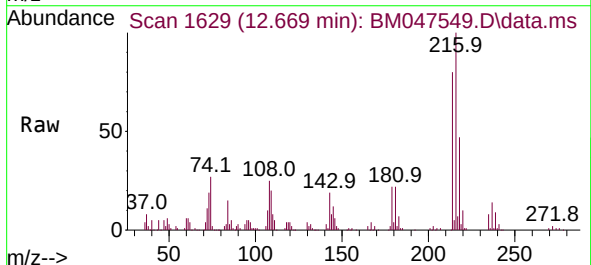
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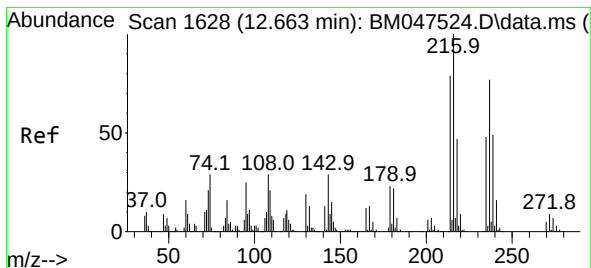
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.981 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

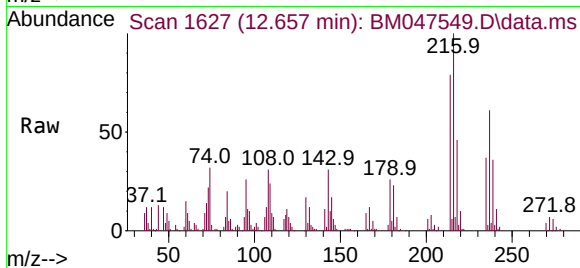
Tgt Ion:216 Resp: 192703
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.6
179 23.0 17.5 26.3
108 25.2 18.6 28.0





#41
Hexachlorocyclopentadiene
Concen: 5.919 ng
RT: 12.657 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

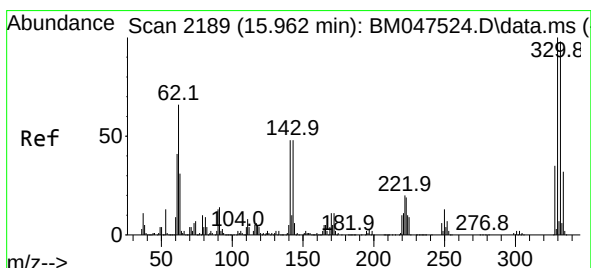
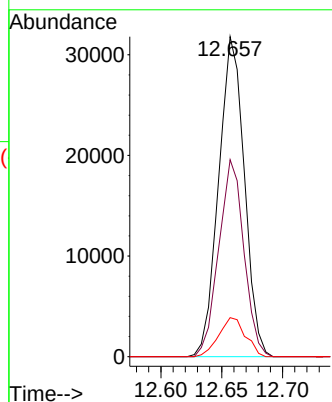
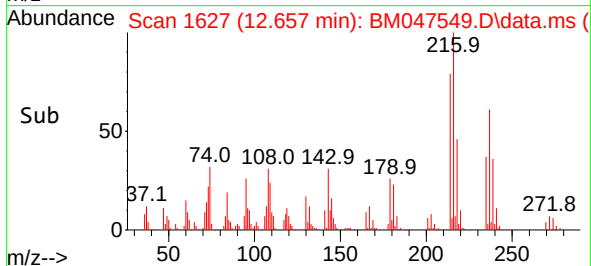
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



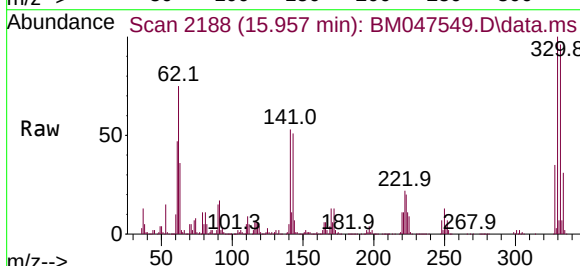
Tgt Ion: 237 Resp: 46720
Ion Ratio Lower Upper
237 100
235 61.5 42.0 82.0
272 12.2 0.0 31.5

Manual Integrations
APPROVED

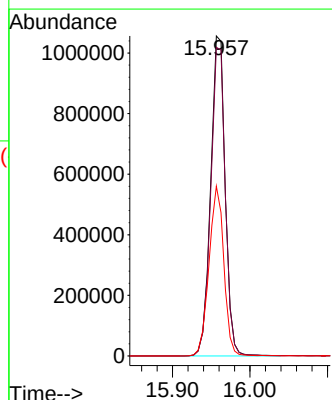
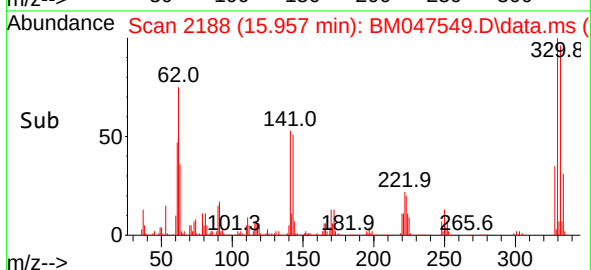
Reviewed By : Jagrut Upadhyay 09/18/2024
Supervised By : mohammad ahmed 09/19/2024

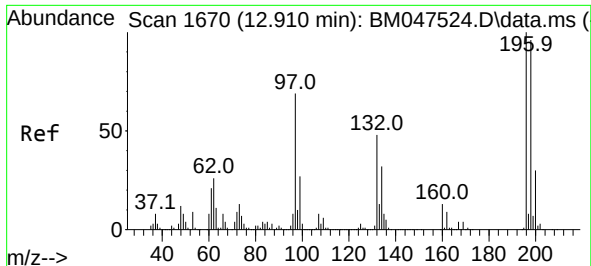


#42
2,4,6-Tribromophenol
Concen: 159.392 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26



Tgt Ion: 330 Resp: 1374727
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 54.3 42.2 63.2





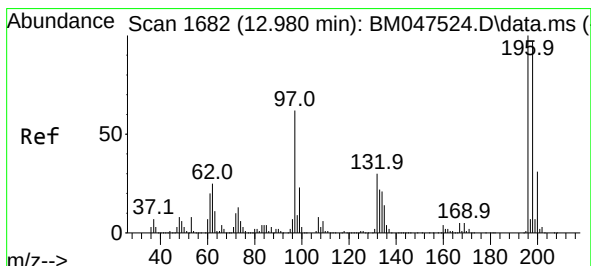
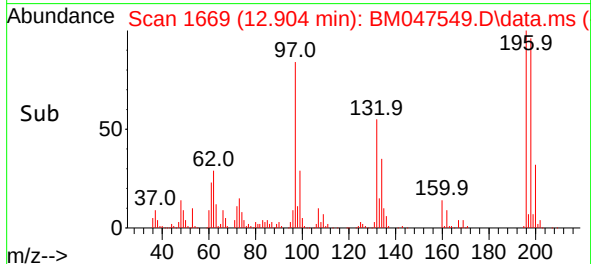
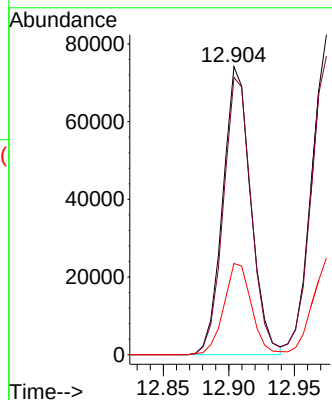
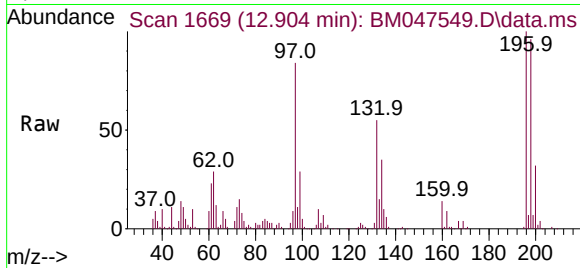
#43
2,4,6-Trichlorophenol
Concen: 7.271 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:196 Resp: 10998
Ion Ratio Lower Upper
196 100
198 96.3 76.9 115.3
200 31.7 24.3 36.5

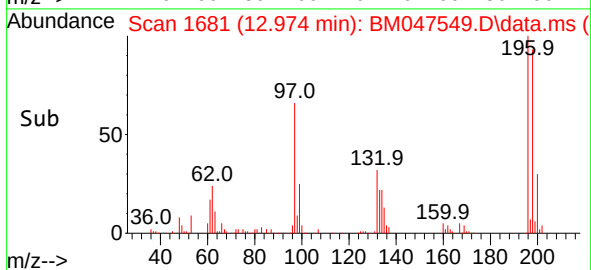
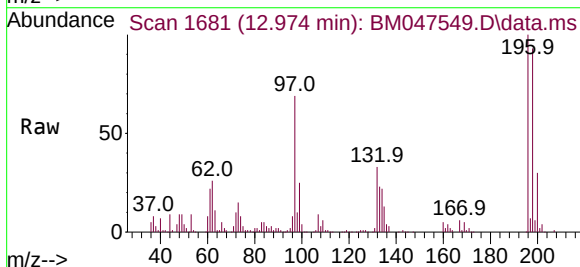
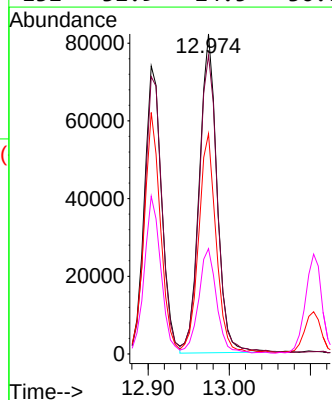
Manual Integrations
APPROVED

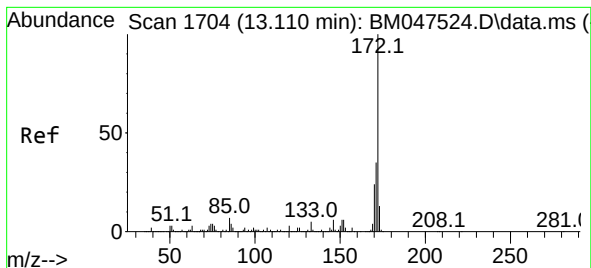
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#44
2,4,5-Trichlorophenol
Concen: 7.272 ng
RT: 12.974 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

Tgt Ion:196 Resp: 124241
Ion Ratio Lower Upper
196 100
198 93.4 77.4 116.2
97 68.8 49.8 74.8
132 32.9 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 106.679 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM047549.D

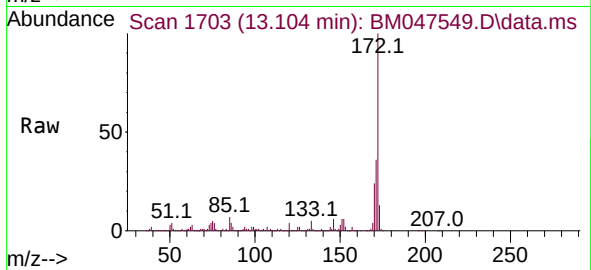
Acq: 17 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion:172 Resp: 691014

Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

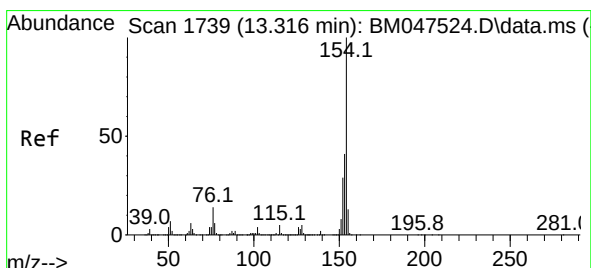
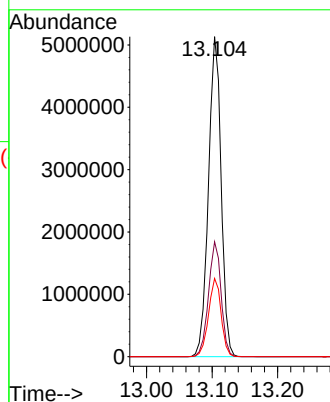
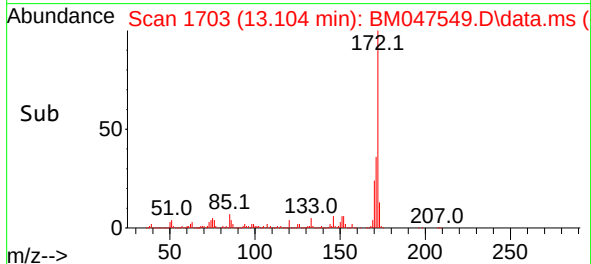
170 24.5 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#46

1,1'-Biphenyl

Concen: 8.481 ng

RT: 13.310 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

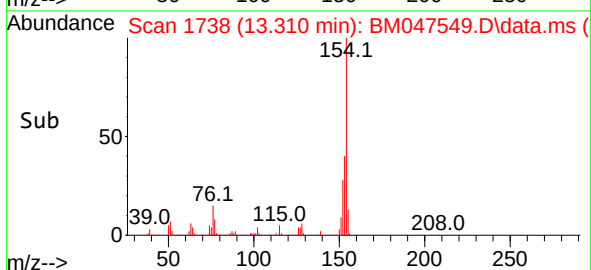
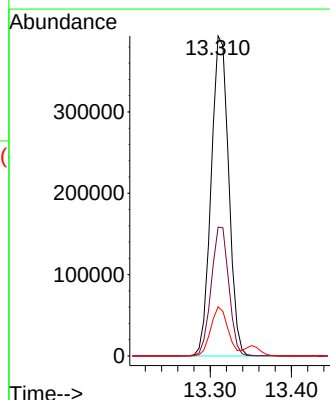
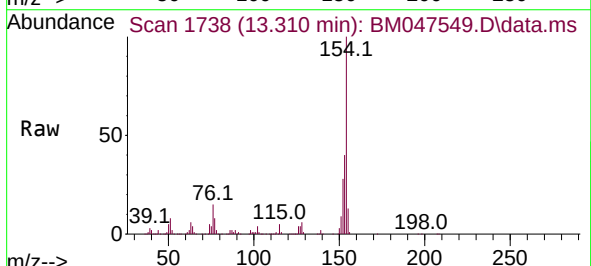
Tgt Ion:154 Resp: 588804

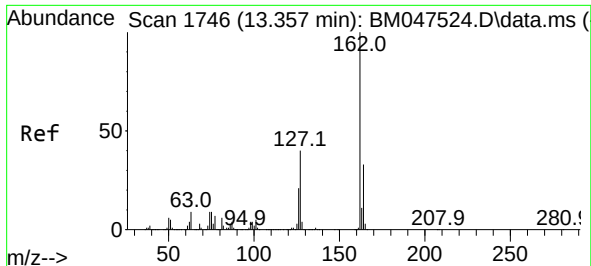
Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

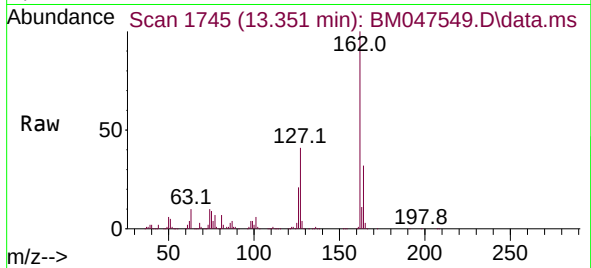
76 15.4 0.0 33.9





#47
2-Chloronaphthalene
Concen: 8.102 ng
RT: 13.351 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

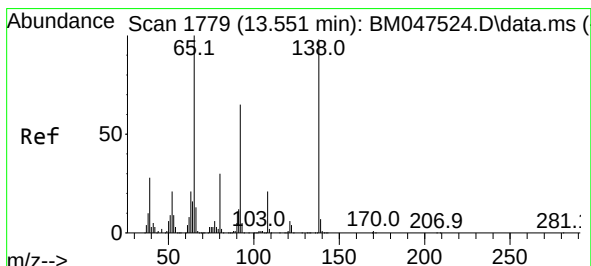
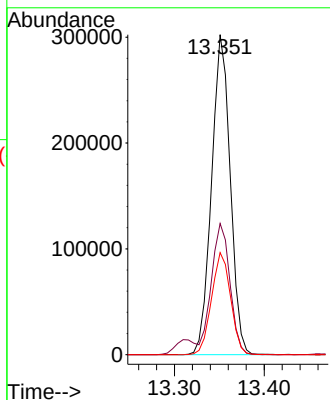
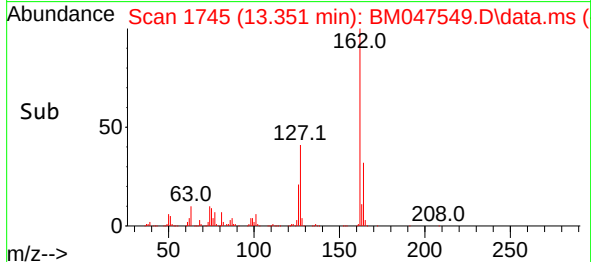
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



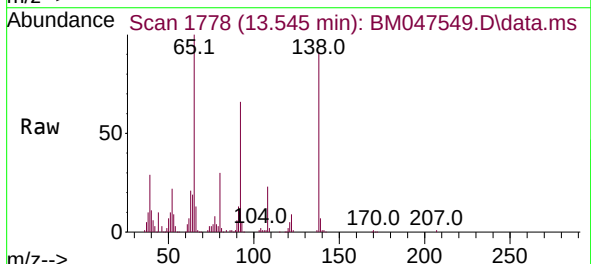
Tgt Ion:162 Resp: 436779
Ion Ratio Lower Upper
162 100
127 41.0 32.2 48.4
164 31.9 26.3 39.5

Manual Integrations
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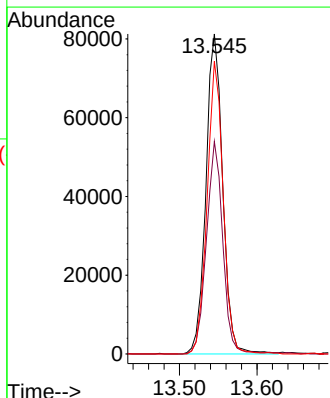
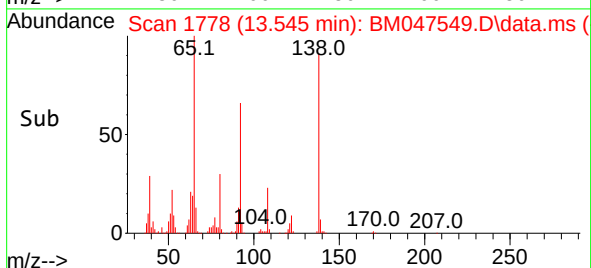
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

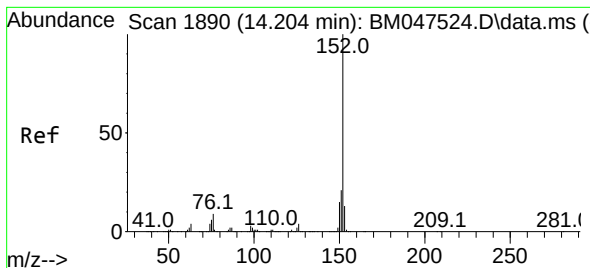


#48
2-Nitroaniline
Concen: 7.727 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26



Tgt Ion: 65 Resp: 122352
Ion Ratio Lower Upper
65 100
92 66.4 51.9 77.9
138 91.4 78.5 117.7





#49

Acenaphthylene

Concen: 8.817 ng

RT: 14.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047549.D

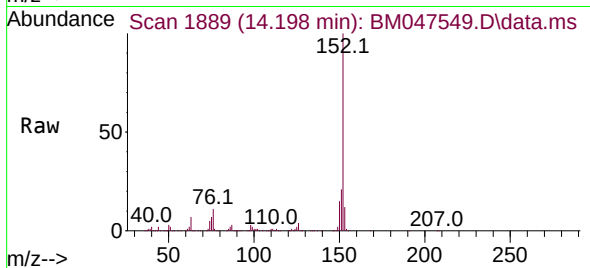
Acq: 17 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion:152 Resp: 685920

Ion Ratio Lower Upper

152 100

151 20.6 16.5 24.7

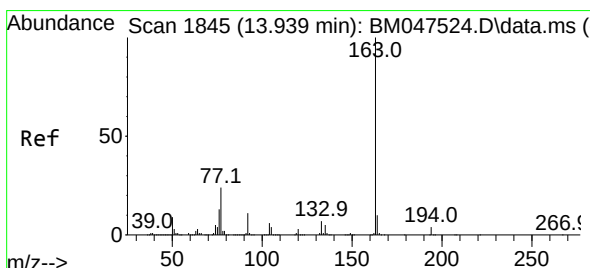
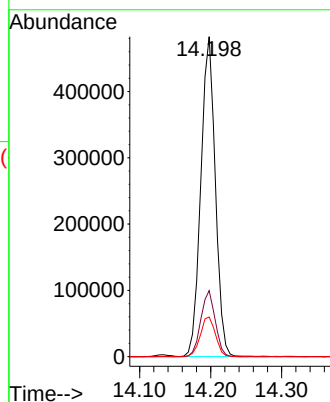
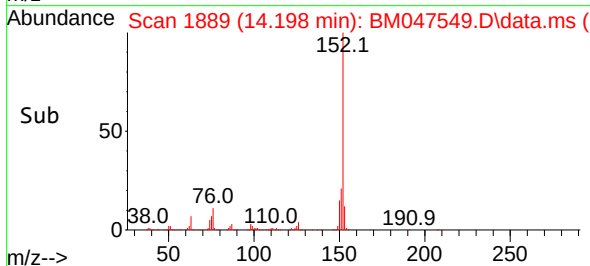
153 12.4 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#50

Dimethylphthalate

Concen: 8.435 ng

RT: 13.933 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

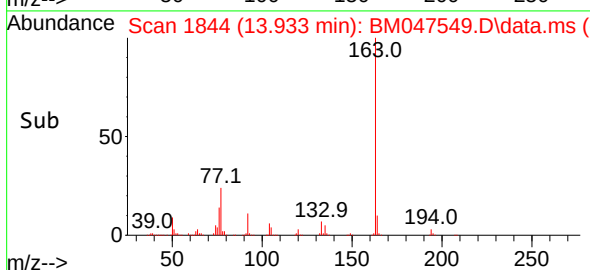
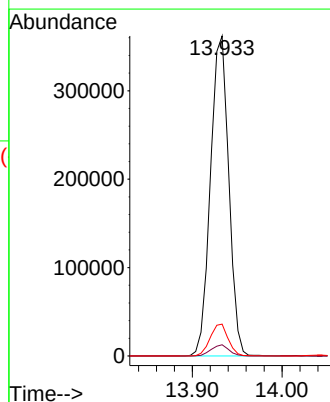
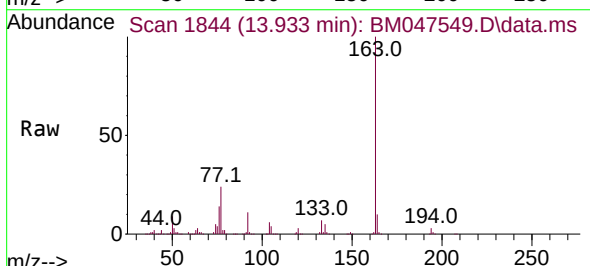
Tgt Ion:163 Resp: 512965

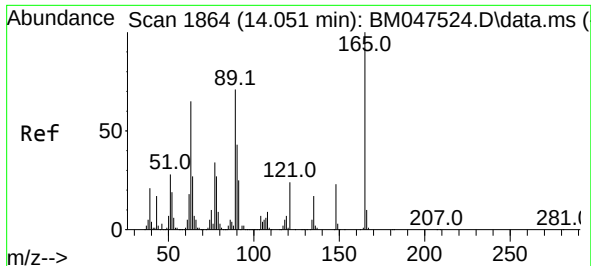
Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

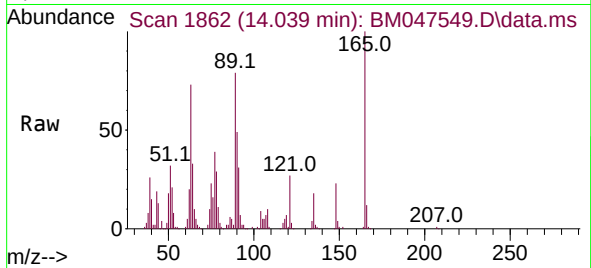
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 7.453 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

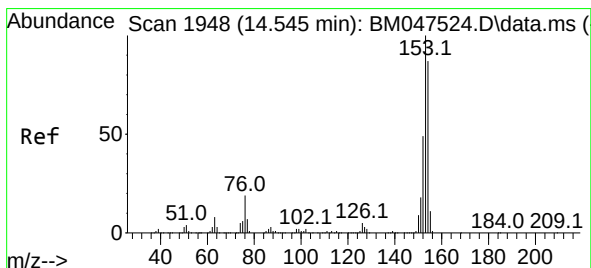
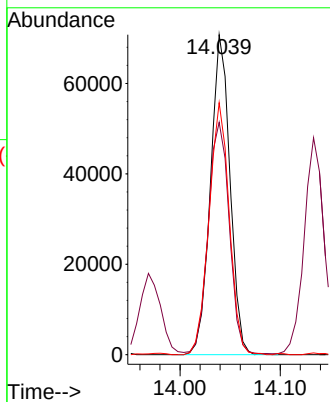
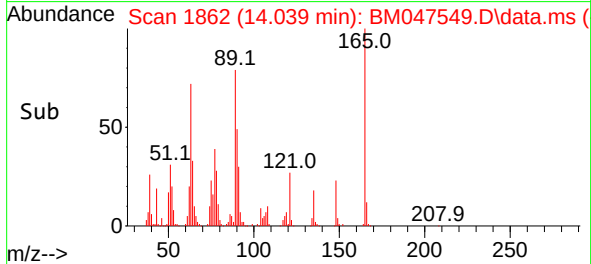
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:165 Resp: 95682
Ion Ratio Lower Upper
165 100
63 72.6 54.2 81.2
89 78.8 56.4 84.6

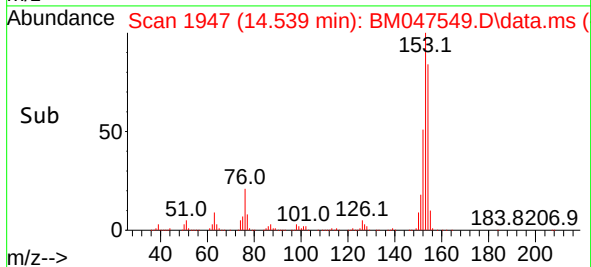
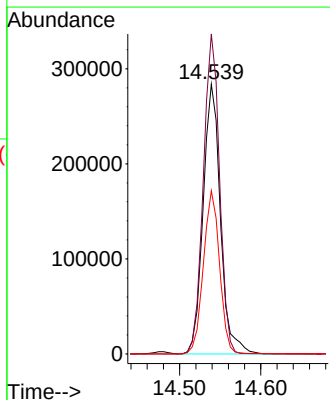
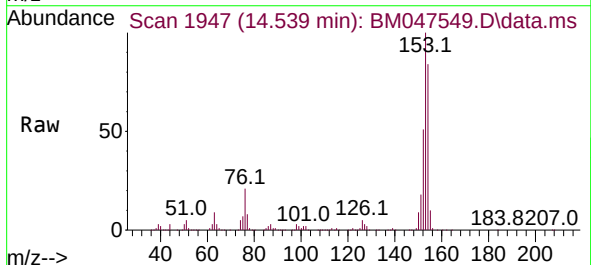
Manual Integrations
APPROVED

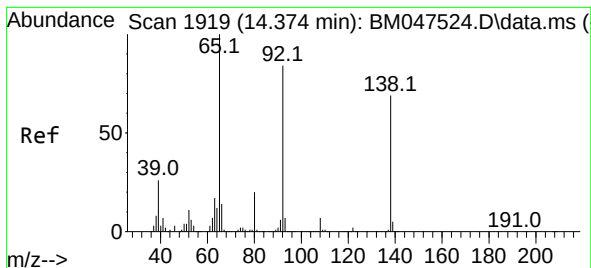
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#52
Acenaphthene
Concen: 7.696 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

Tgt Ion:154 Resp: 419499
Ion Ratio Lower Upper
154 100
153 118.6 92.2 138.2
152 60.5 45.4 68.0





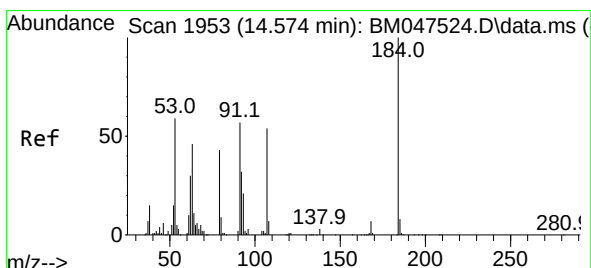
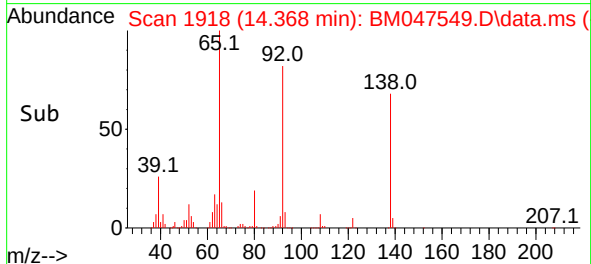
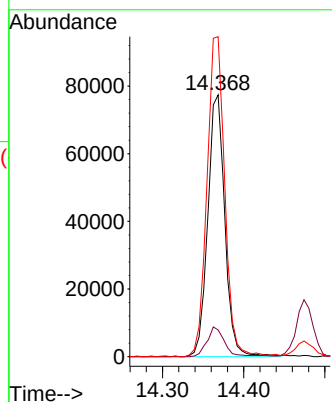
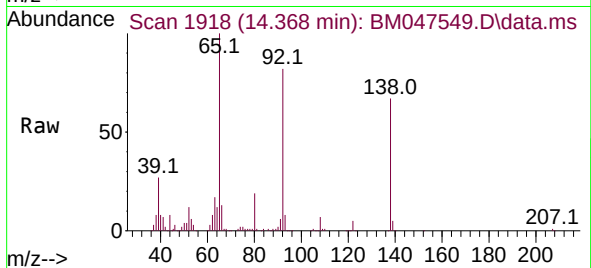
#53
3-Nitroaniline
Concen: 7.891 ng
RT: 14.368 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:138 Resp: 112600
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 122.3 97.4 146.0

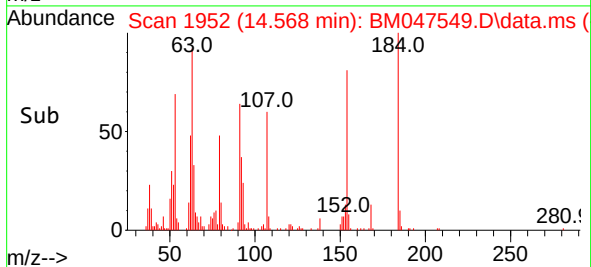
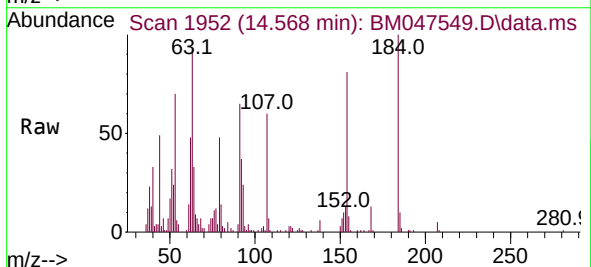
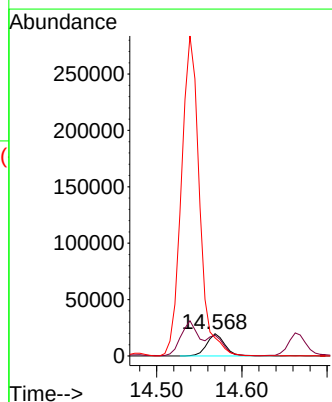
Manual Integrations
APPROVED

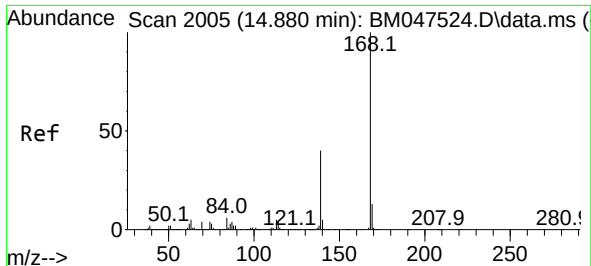
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#54
2,4-Dinitrophenol
Concen: 8.530 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

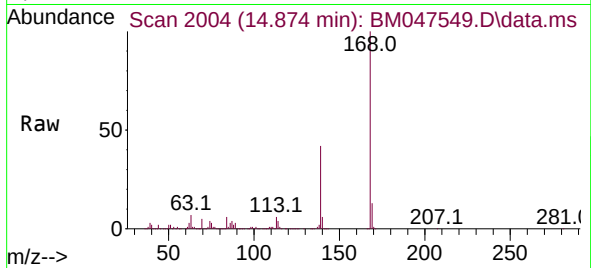
Tgt Ion:184 Resp: 28855
Ion Ratio Lower Upper
184 100
63 92.7 69.4 104.0
154 81.3 60.4 90.6





#55
Dibenzenofuran
Concen: 8.239 ng
RT: 14.874 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

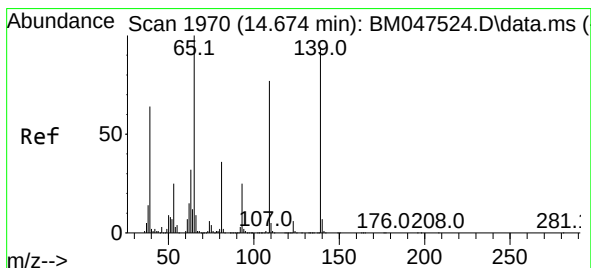
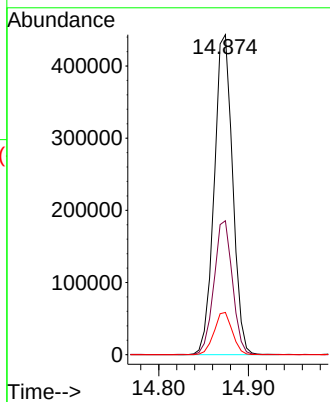
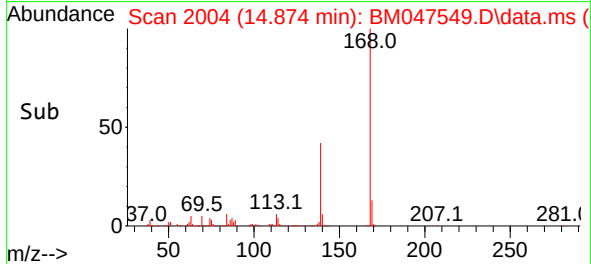
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:168 Resp: 631092
Ion Ratio Lower Upper
168 100
139 41.9 31.9 47.9
169 13.2 10.5 15.7

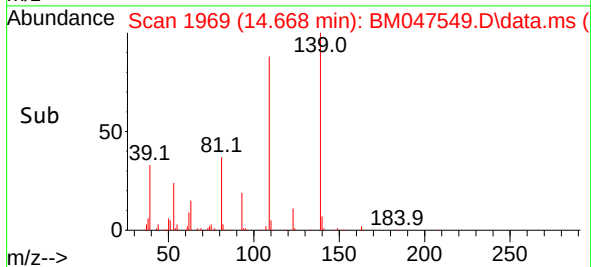
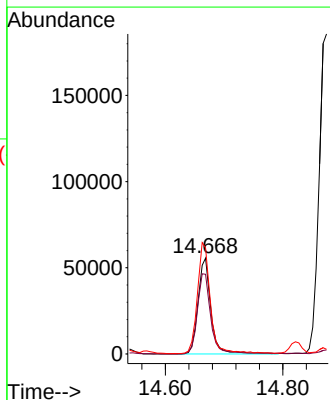
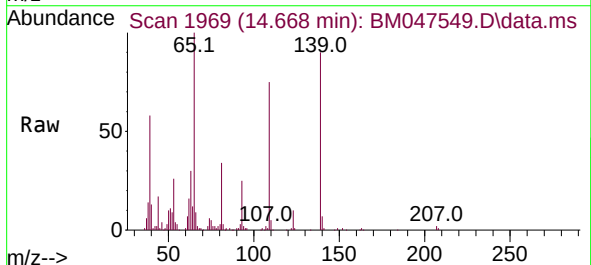
Manual Integrations
APPROVED

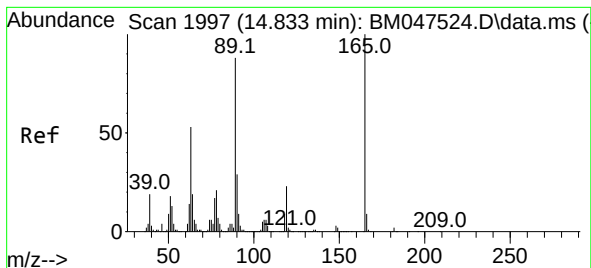
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#56
4-Nitrophenol
Concen: 7.192 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

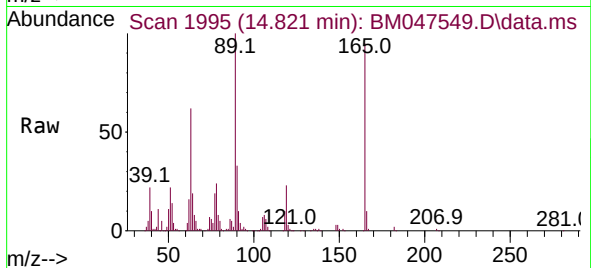
Tgt Ion:139 Resp: 84450
Ion Ratio Lower Upper
139 100
109 83.2 62.0 102.0
65 110.7 87.0 127.0





#57
2,4-Dinitrotoluene
Concen: 7.115 ng
RT: 14.821 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

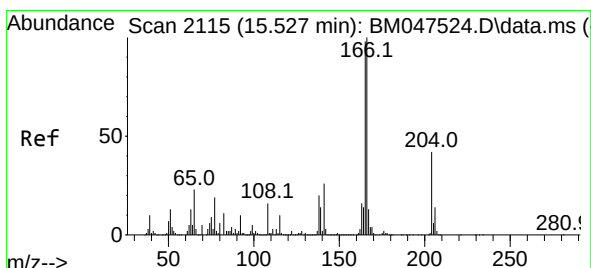
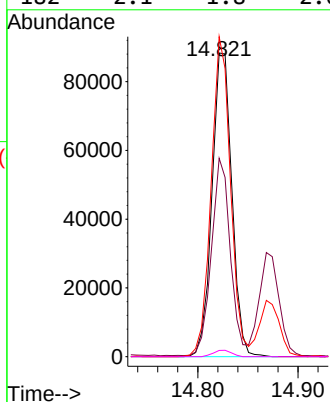
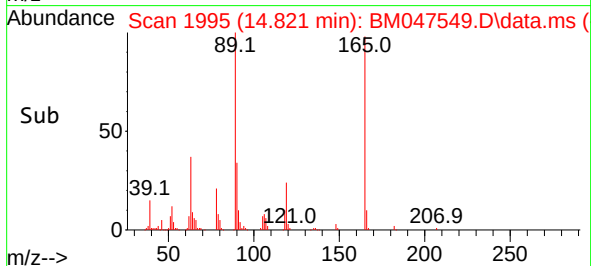
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:165 Resp: 121832
Ion Ratio Lower Upper
165 100
63 65.3 42.4 63.6
89 105.4 70.5 105.7
182 2.1 1.8 2.6

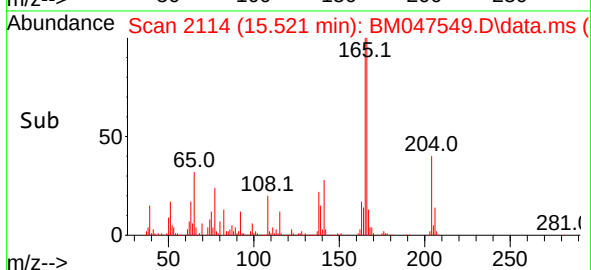
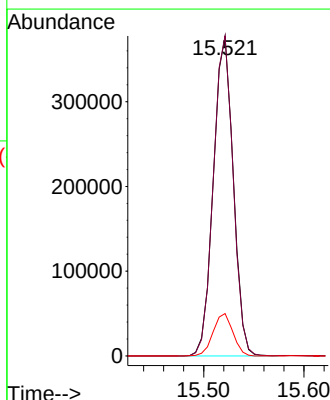
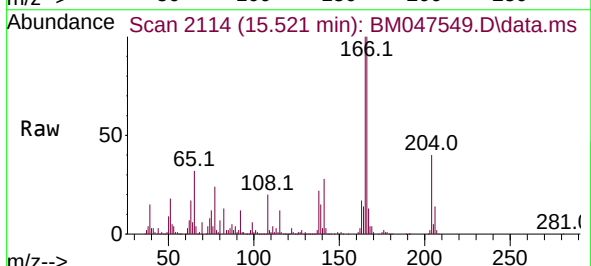
Manual Integrations
APPROVED

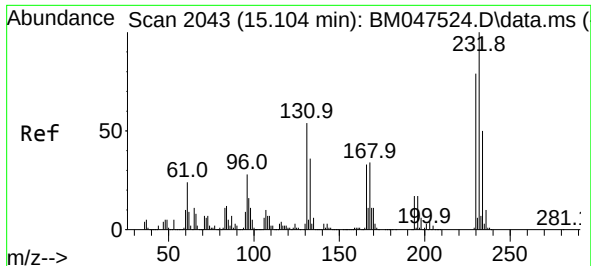
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#58
Fluorene
Concen: 7.532 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

Tgt Ion:166 Resp: 519424
Ion Ratio Lower Upper
166 100
165 100.1 78.6 117.8
167 13.3 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.399 ng

RT: 15.092 min Scan# 2041

Delta R.T. -0.012 min

Lab File: BM047549.D

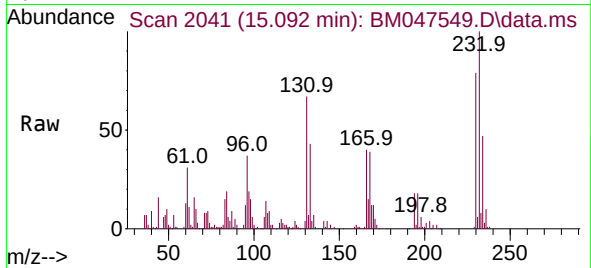
Acq: 17 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion:232 Resp: 98564

Ion Ratio Lower Upper

232 100

131 64.6 47.0 70.4

130 3.6 2.6 3.8

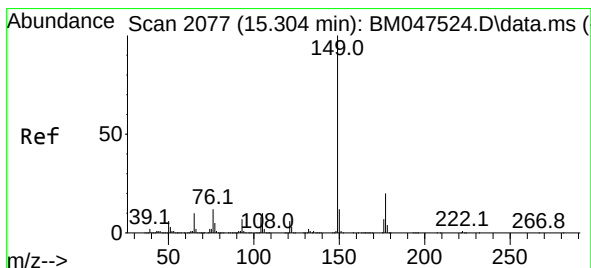
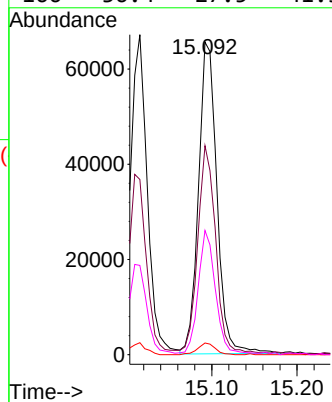
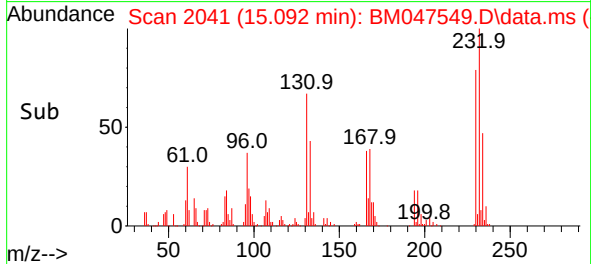
166 36.4 27.5 41.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#60

Diethylphthalate

Concen: 8.360 ng

RT: 15.292 min Scan# 2075

Delta R.T. -0.012 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

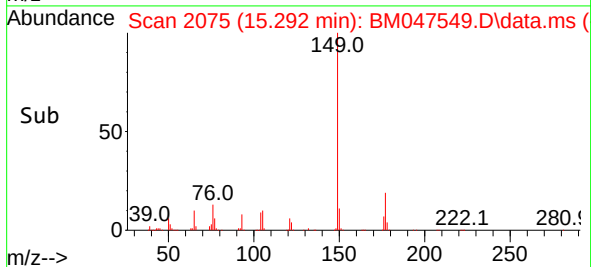
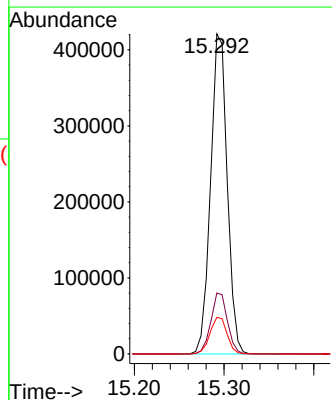
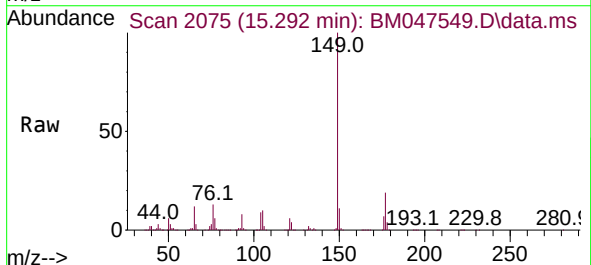
Tgt Ion:149 Resp: 541108

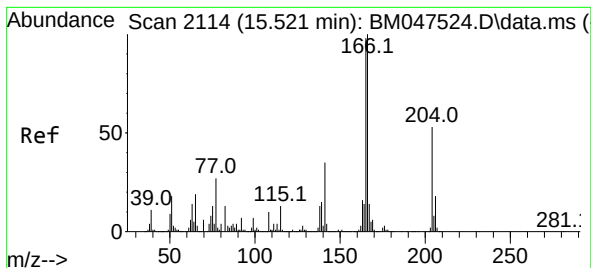
Ion Ratio Lower Upper

149 100

177 19.0 15.8 23.8

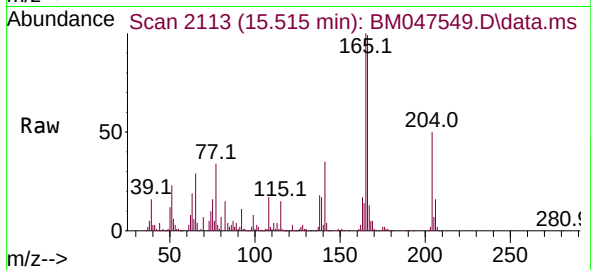
150 11.5 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 7.292 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

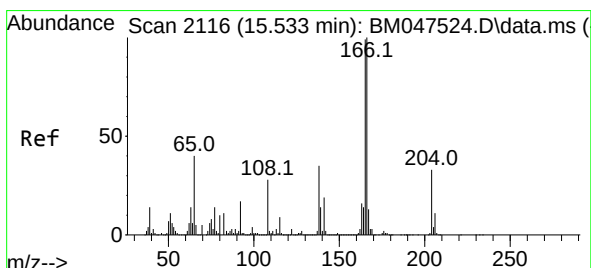
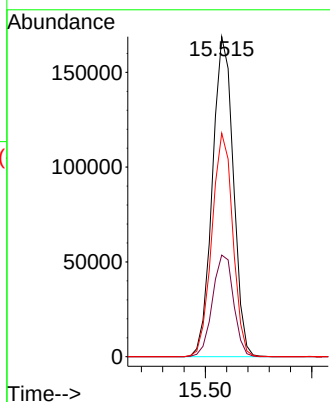
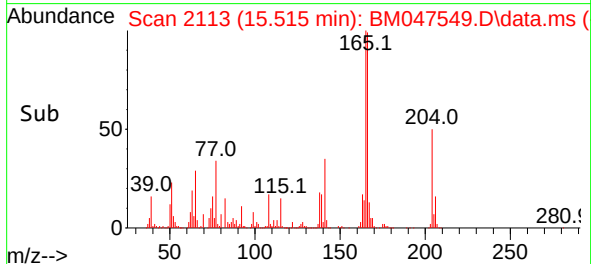
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



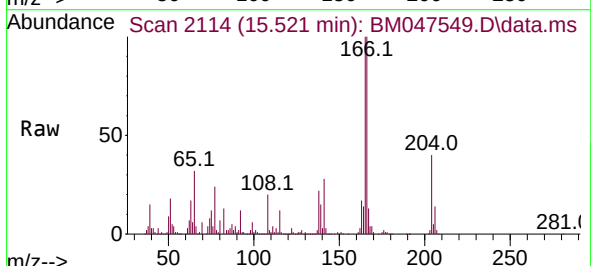
Tgt Ion:204 Resp: 229924
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 69.8 52.1 78.1

Manual Integrations
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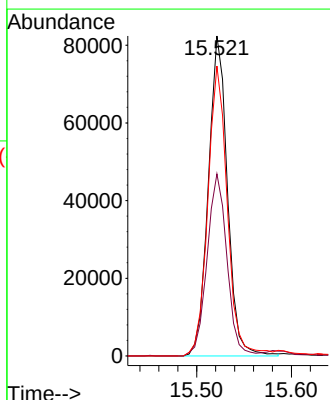
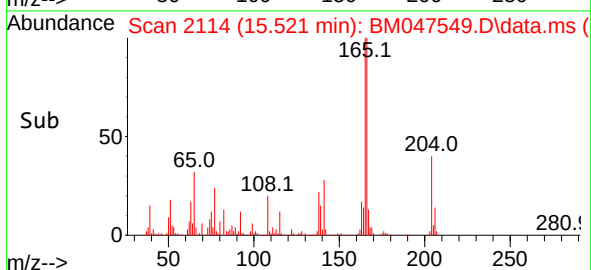
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

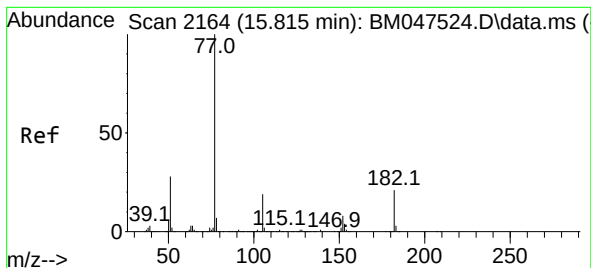


#62
4-Nitroaniline
Concen: 6.875 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26



Tgt Ion:138 Resp: 115321
Ion Ratio Lower Upper
138 100
92 56.9 30.0 70.0
108 90.6 61.7 101.7





#63

Azobenzene

Concen: 9.129 ng

RT: 15.810 min Scan# 2164

Delta R.T. -0.006 min

Lab File: BM047549.D

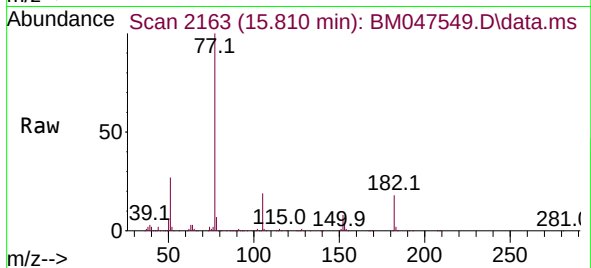
Acq: 17 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 77 Resp: 650598

Ion Ratio Lower Upper

77 100

182 18.2 1.2 41.2

105 18.5 0.0 39.4

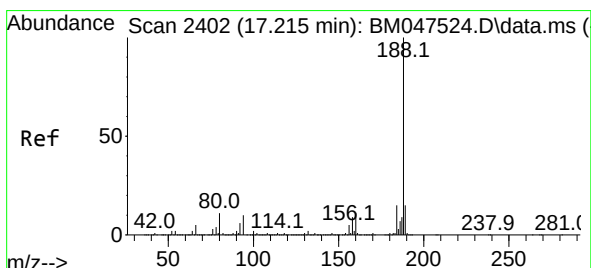
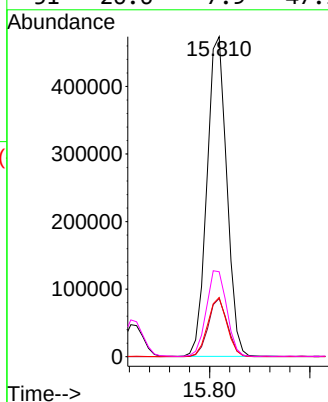
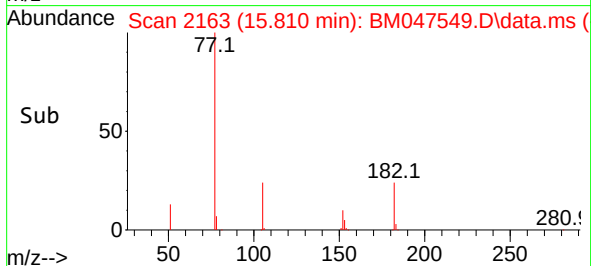
51 26.6 7.9 47.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

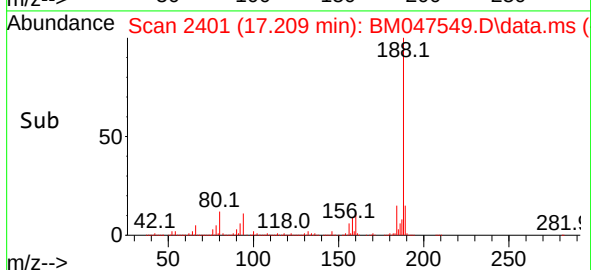
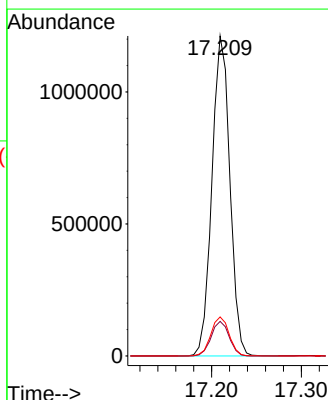
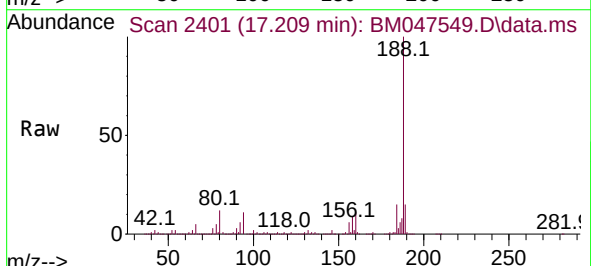
Tgt Ion:188 Resp: 1681694

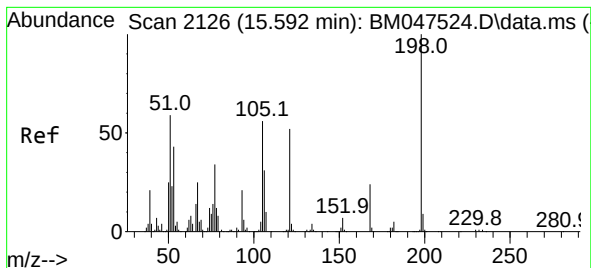
Ion Ratio Lower Upper

188 100

94 10.8 8.4 12.6

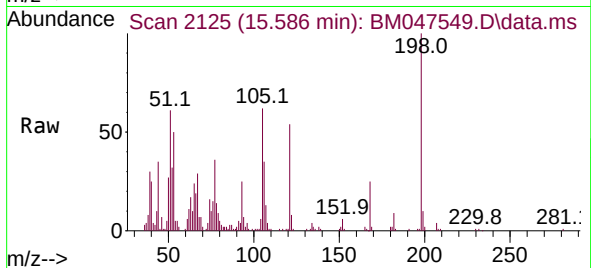
80 12.2 9.1 13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 11.495 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

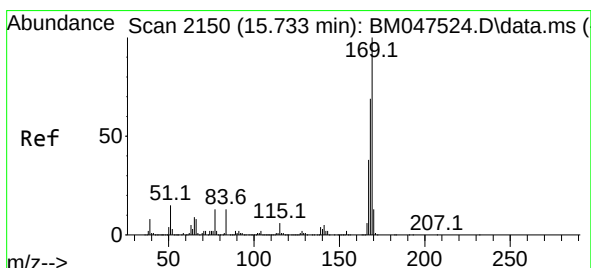
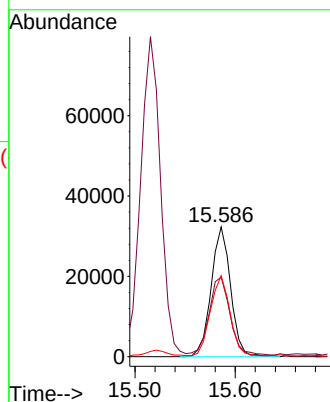
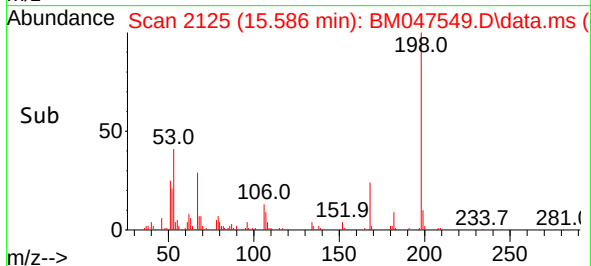
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



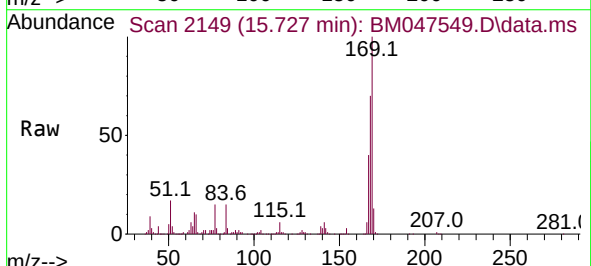
Tgt Ion:198 Resp: 43532
Ion Ratio Lower Upper
198 100
51 61.4 41.5 81.5
105 62.4 36.4 76.4

Manual Integrations
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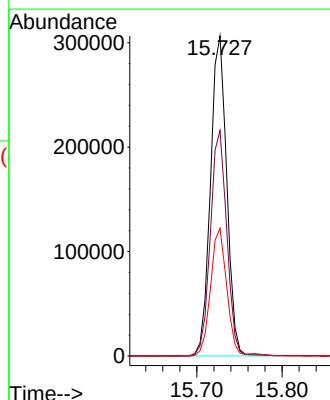
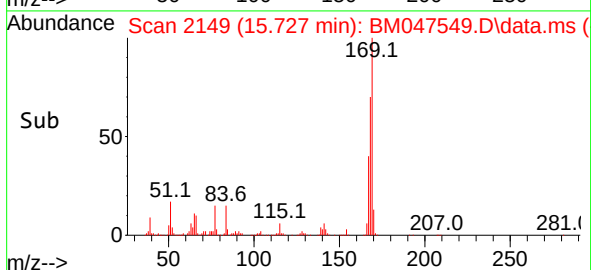
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

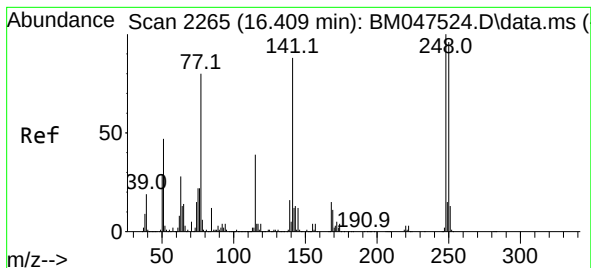


#66
n-Nitrosodiphenylamine
Concen: 7.890 ng
RT: 15.727 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26



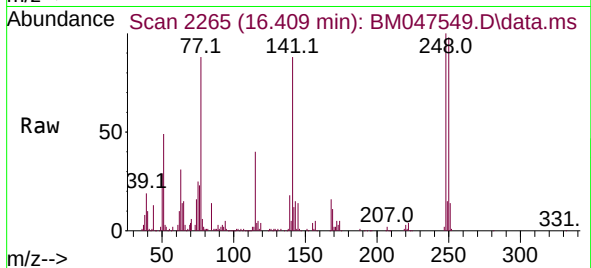
Tgt Ion:169 Resp: 405888
Ion Ratio Lower Upper
169 100
168 70.4 55.3 82.9
167 39.8 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 7.384 ng
RT: 16.409 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

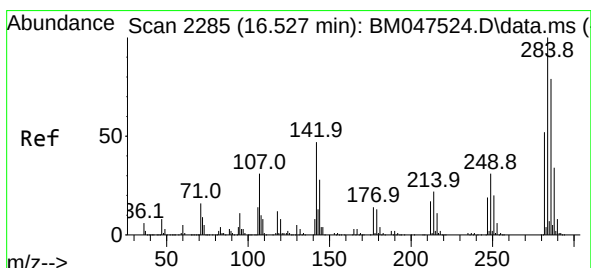
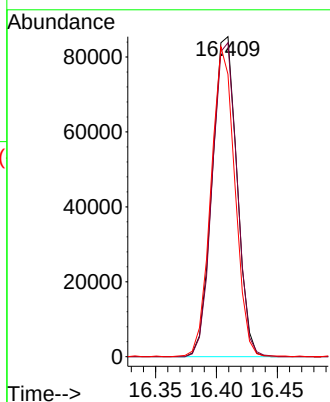
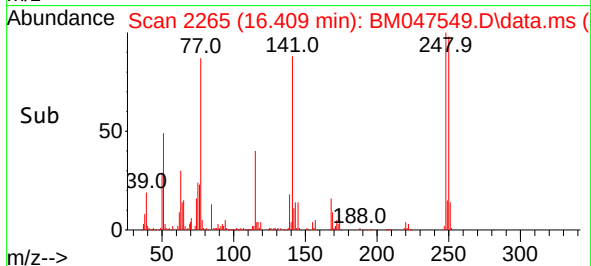
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



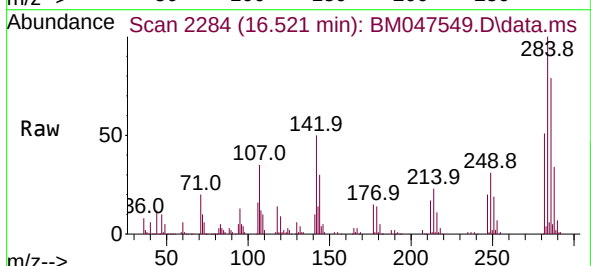
Tgt Ion:248 Resp: 120662
Ion Ratio Lower Upper
248 100
250 98.1 76.9 115.3
141 88.3 70.8 106.2

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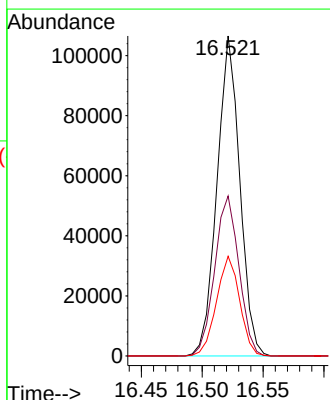
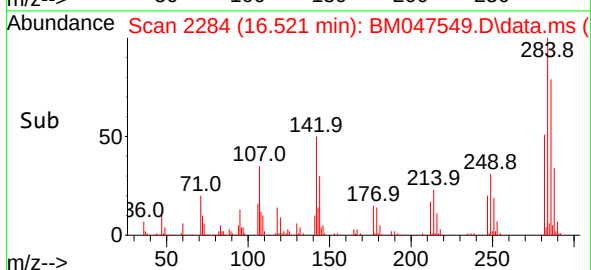
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

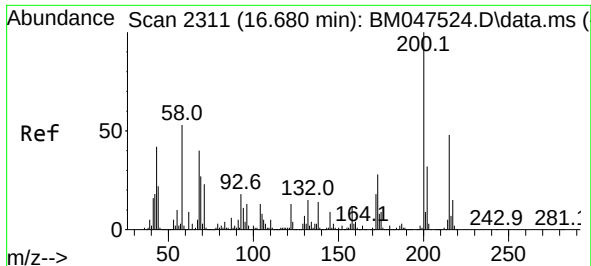


#68
Hexachlorobenzene
Concen: 7.503 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26



Tgt Ion:284 Resp: 138884
Ion Ratio Lower Upper
284 100
142 50.0 37.3 55.9
249 31.2 24.5 36.7





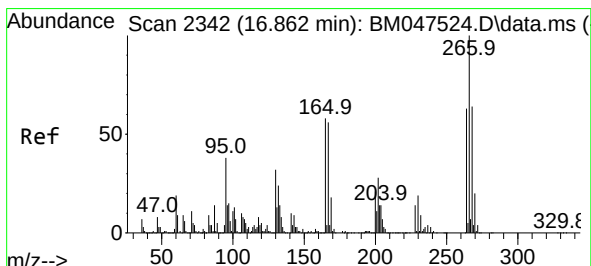
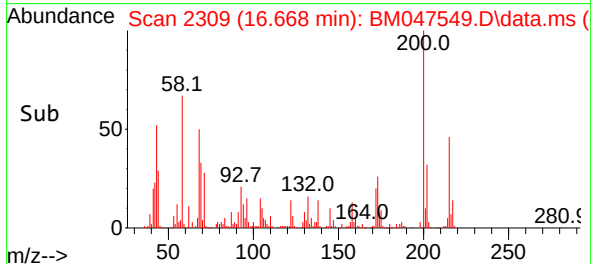
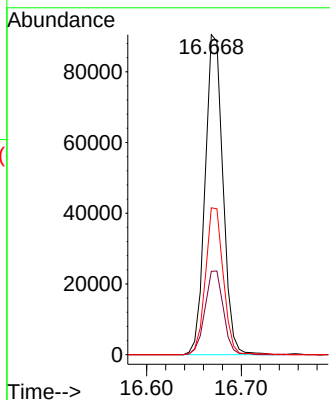
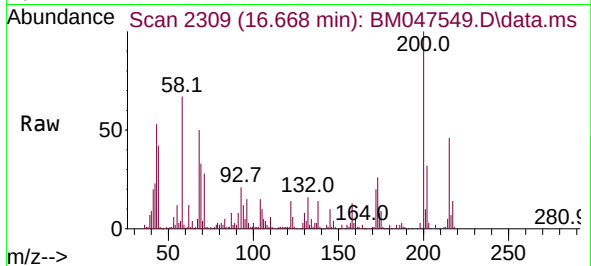
#69
 Atrazine
 Concen: 8.311 ng
 RT: 16.668 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047549.D
 Acq: 17 Sep 2024 18:26

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Tgt Ion:200 Resp: 11817
 Ion Ratio Lower Upper
 200 100
 173 26.0 7.7 47.7
 215 45.9 27.9 67.9

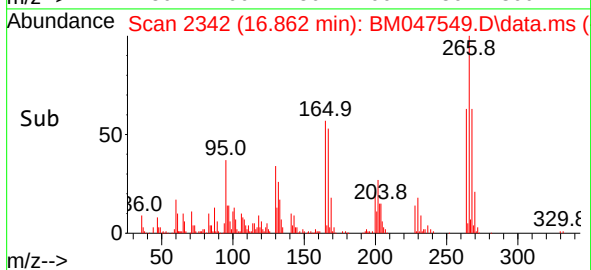
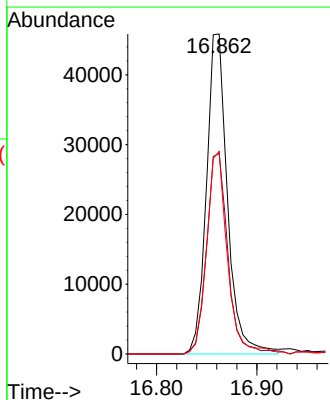
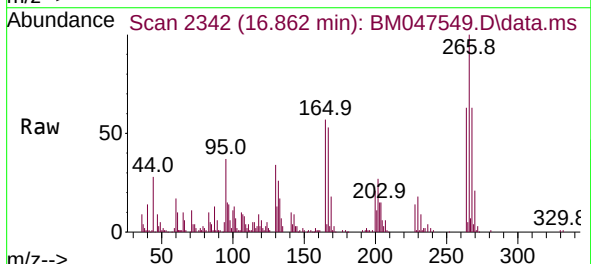
Manual Integrations
 APPROVED

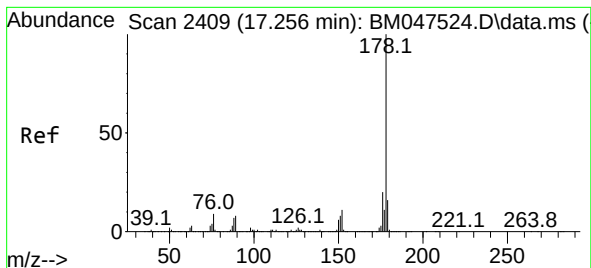
Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#70
 Pentachlorophenol
 Concen: 6.226 ng
 RT: 16.862 min Scan# 2342
 Delta R.T. 0.000 min
 Lab File: BM047549.D
 Acq: 17 Sep 2024 18:26

Tgt Ion:266 Resp: 66812
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.0 76.4
 264 63.3 50.4 75.6





#71

Phenanthrene

Concen: 8.061 ng

RT: 17.251 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

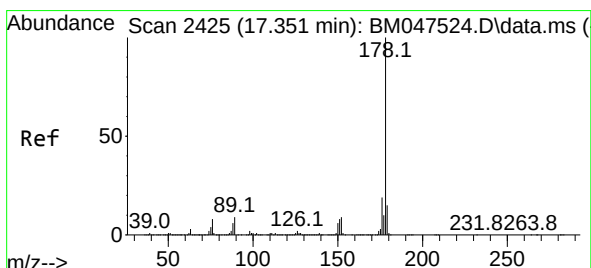
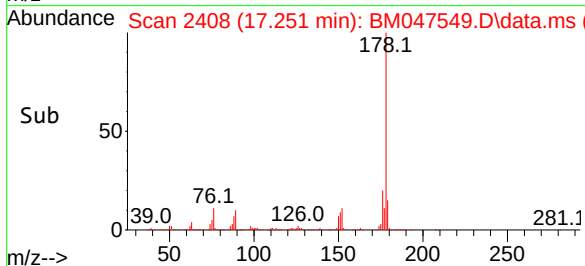
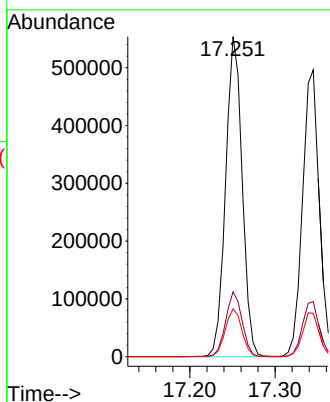
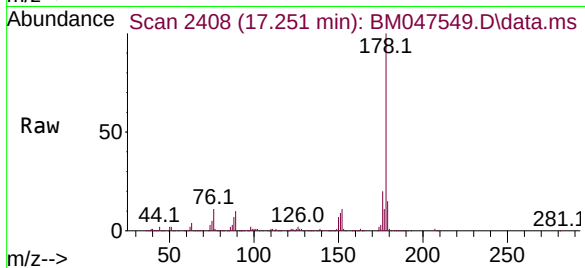
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:178 Resp: 747109
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 14.9 12.4 18.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#72

Anthracene

Concen: 7.649 ng

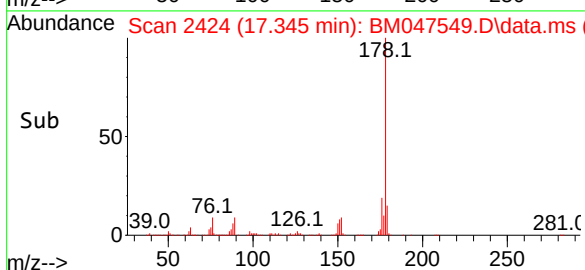
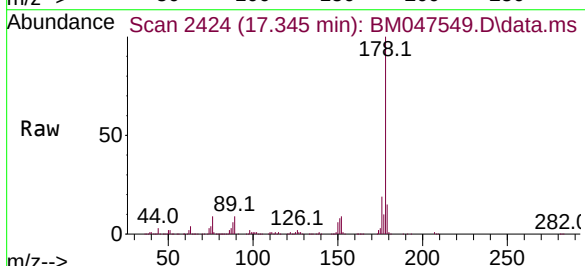
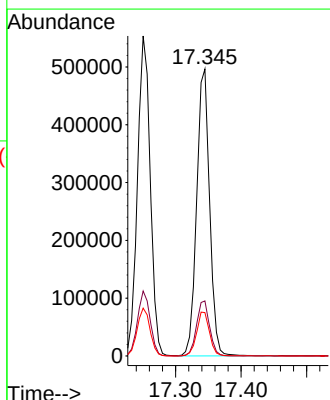
RT: 17.345 min Scan# 2424

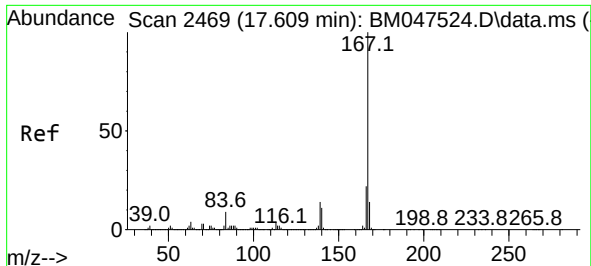
Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

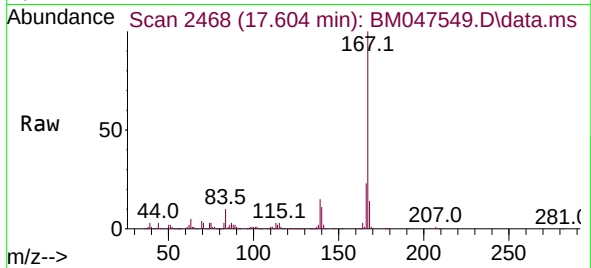
Tgt Ion:178 Resp: 681076
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.1 12.3 18.5





#73
 Carbazole
 Concen: 7.778 ng
 RT: 17.604 min Scan# 2469
 Delta R.T. -0.006 min
 Lab File: BM047549.D
 Acq: 17 Sep 2024 18:26

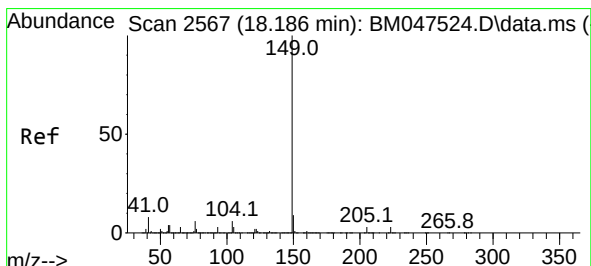
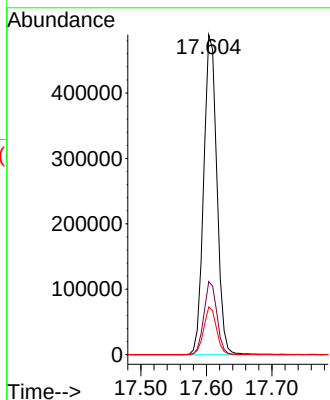
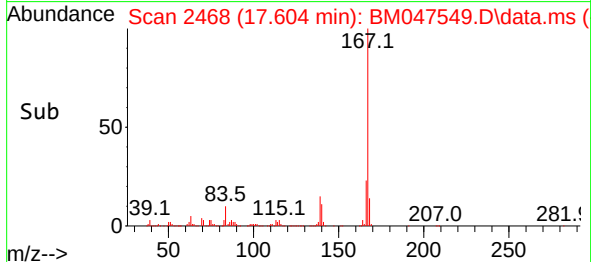
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT2-2024



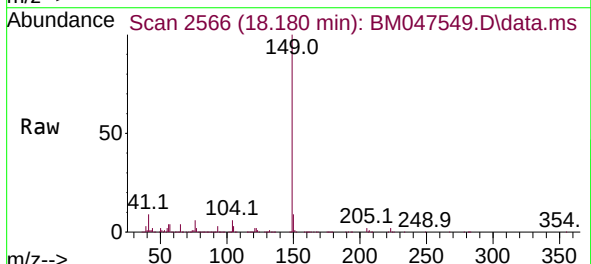
Tgt Ion:167 Resp: 686320
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.8 26.8
 139 14.9 11.0 16.6

Manual Integrations
 APPROVED

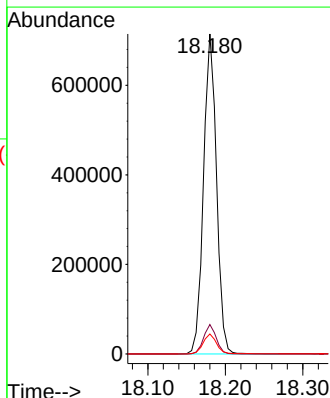
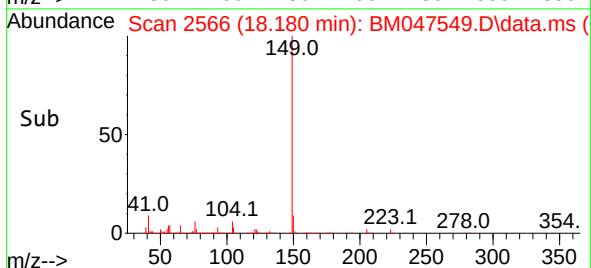
Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024

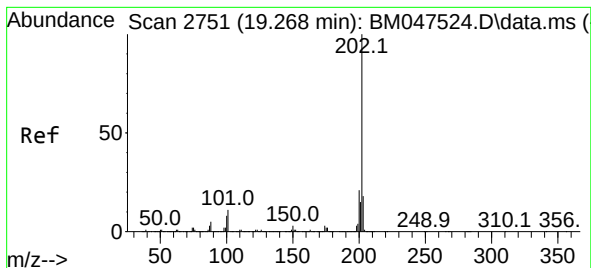


#74
 Di-n-butylphthalate
 Concen: 7.859 ng
 RT: 18.180 min Scan# 2566
 Delta R.T. -0.006 min
 Lab File: BM047549.D
 Acq: 17 Sep 2024 18:26



Tgt Ion:149 Resp: 829801
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 6.2 4.6 6.8





#75

Fluoranthene

Concen: 7.101 ng

RT: 19.262 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

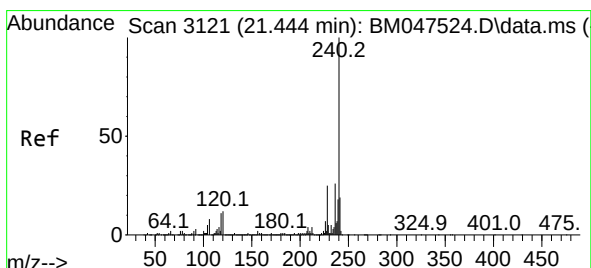
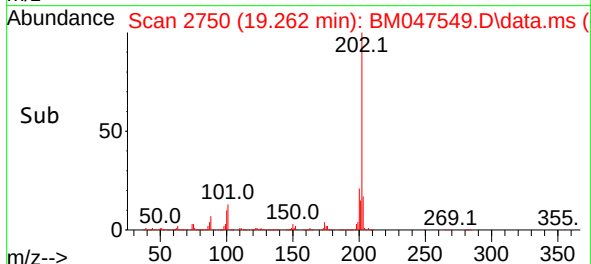
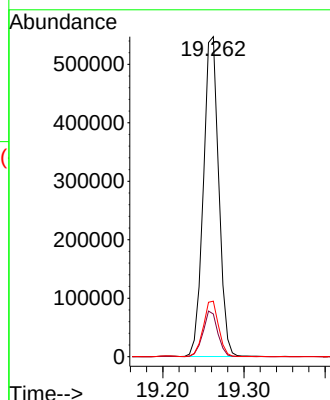
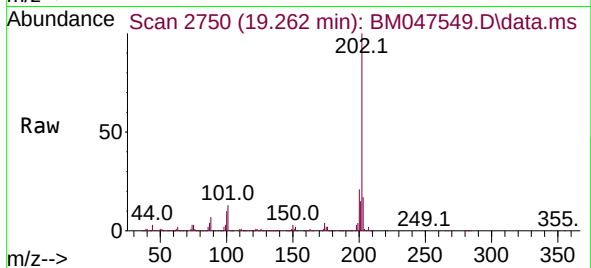
Tgt Ion:202 Resp: 71808

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.8
203	17.4	0.0	37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3119

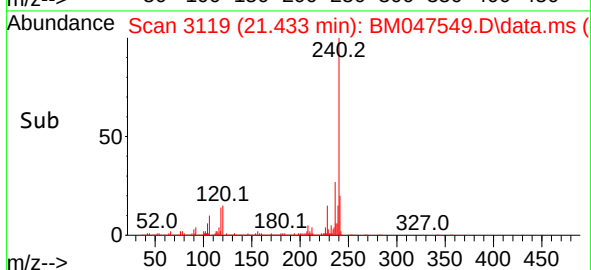
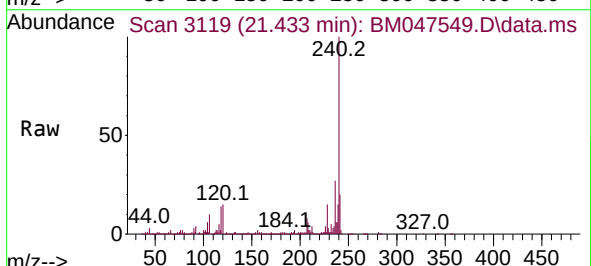
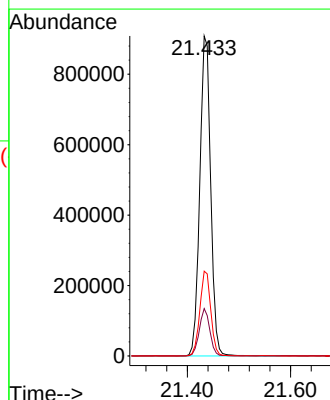
Delta R.T. -0.011 min

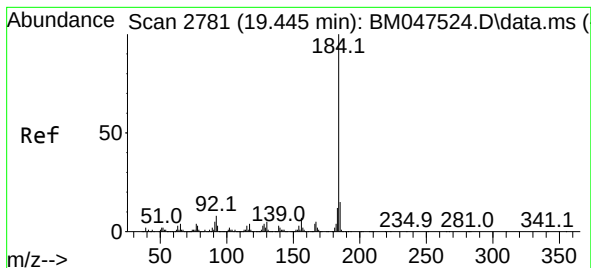
Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Tgt Ion:240 Resp: 1324350

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.6	14.4#
236	26.5	20.9	31.3





#77

Benzidine

Concen: 11.147 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

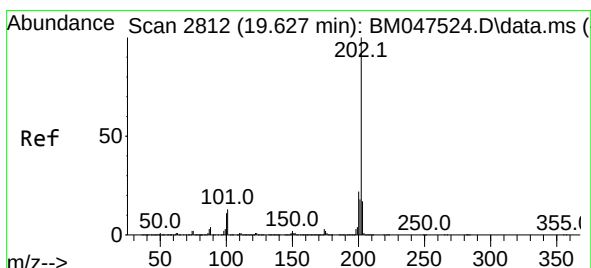
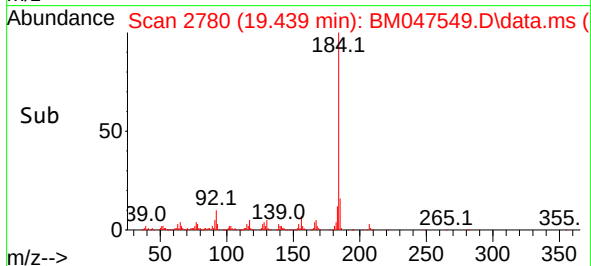
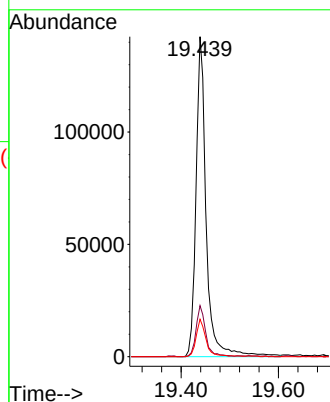
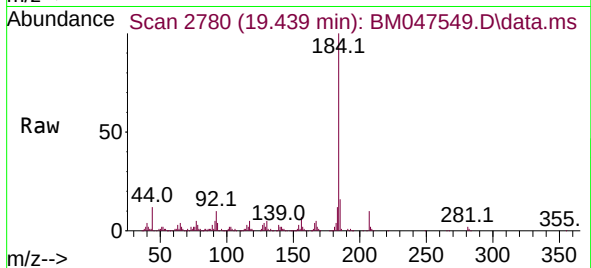
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:184	Resp: 20791
Ion Ratio	Lower Upper
184 100	
185 15.9	12.2 18.2
183 11.7	9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#78

Pyrene

Concen: 7.886 ng

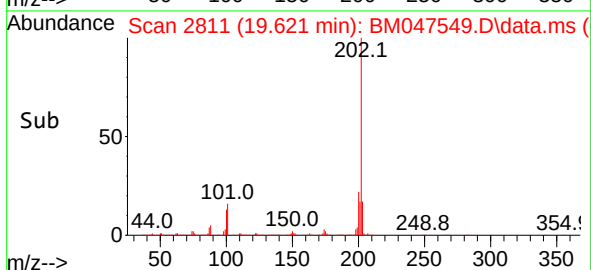
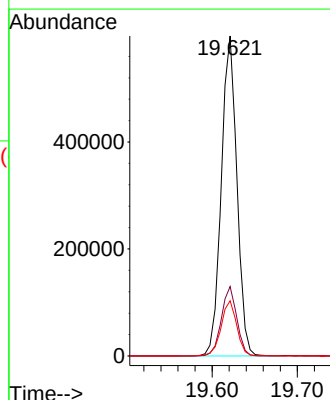
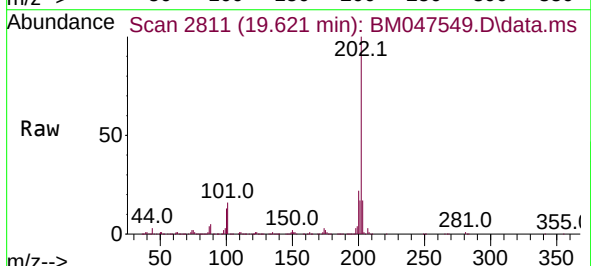
RT: 19.621 min Scan# 2811

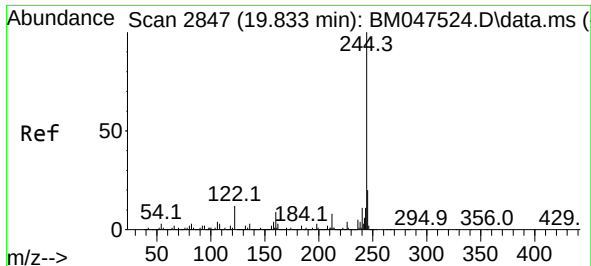
Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

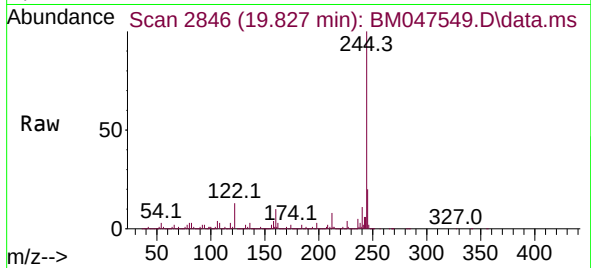
Tgt Ion:202	Resp: 761772
Ion Ratio	Lower Upper
202 100	
200 21.7	17.2 25.8
203 17.3	14.0 21.0





#79
 Terphenyl-d14
 Concen: 118.695 ng
 RT: 19.827 min Scan# 2846
 Delta R.T. -0.006 min
 Lab File: BM047549.D
 Acq: 17 Sep 2024 18:26

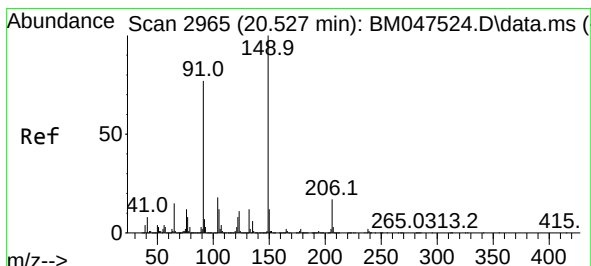
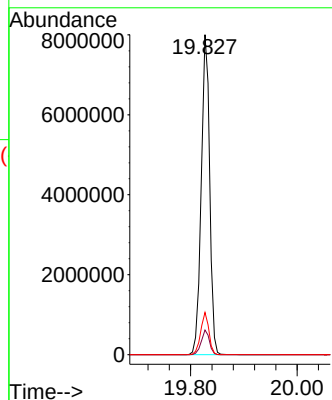
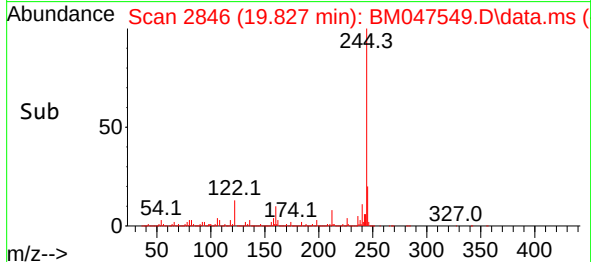
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024



Tgt Ion:244 Resp: 8772300
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 13.2 9.6 14.4

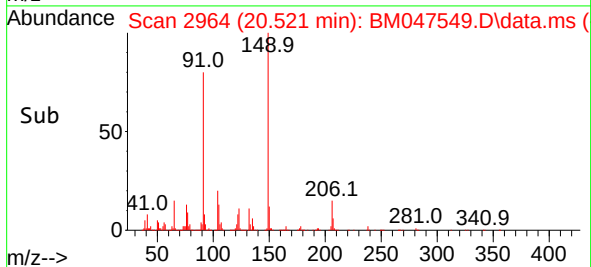
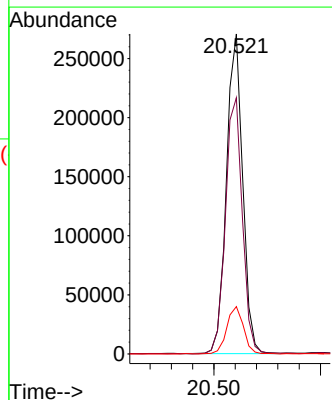
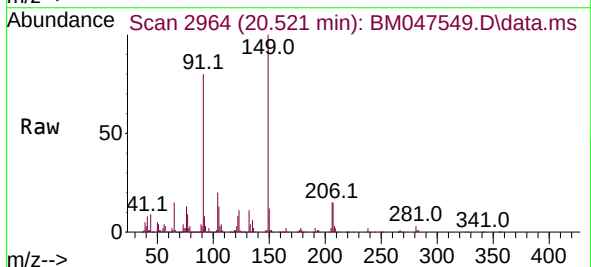
Manual Integrations
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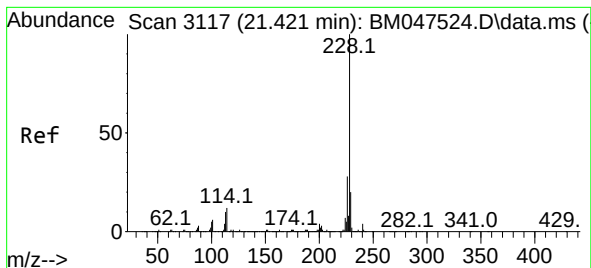
Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#80
 Butylbenzylphthalate
 Concen: 7.672 ng
 RT: 20.521 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM047549.D
 Acq: 17 Sep 2024 18:26

Tgt Ion:149 Resp: 285300
 Ion Ratio Lower Upper
 149 100
 91 80.1 62.0 93.0
 206 14.8 13.8 20.8





#81

Benzo(a)anthracene

Concen: 8.430 ng

RT: 21.415 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM047549.D

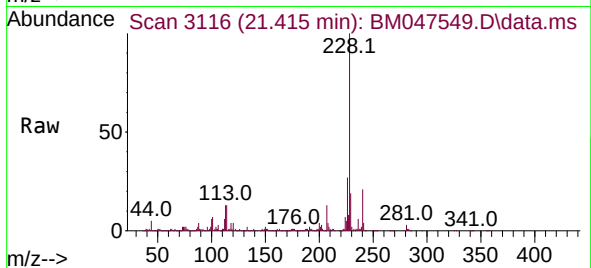
Acq: 17 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion:228 Resp: 72768

Ion Ratio Lower Upper

228 100

226 27.4 22.4 33.6

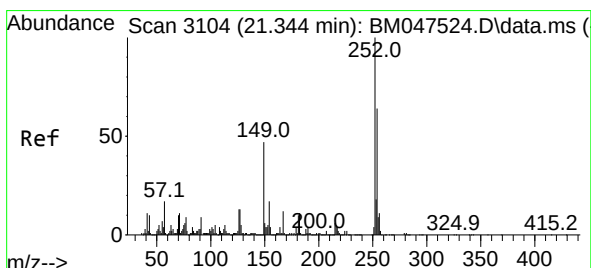
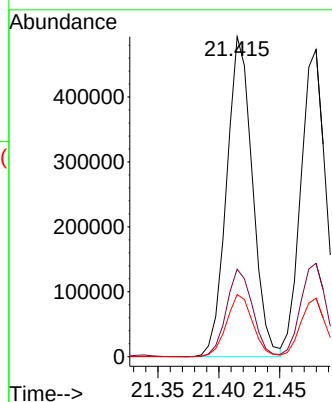
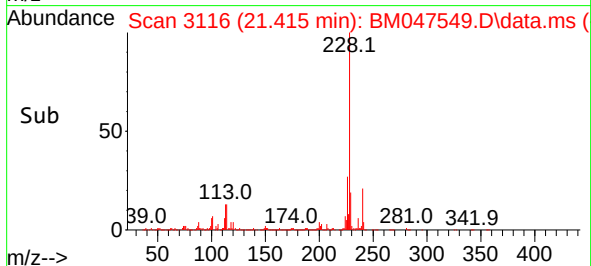
229 19.4 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#82

3,3'-Dichlorobenzidine

Concen: 8.236 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

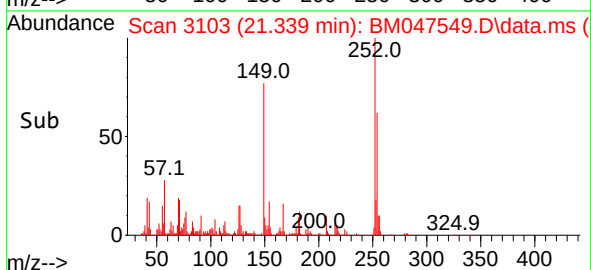
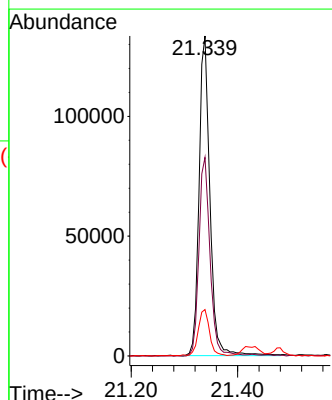
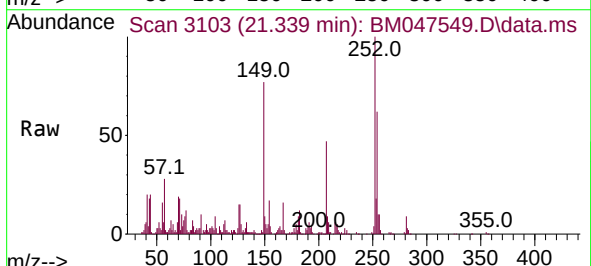
Tgt Ion:252 Resp: 189111

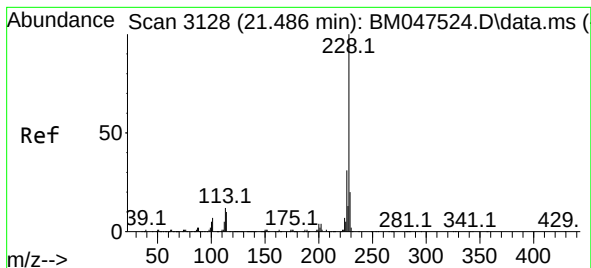
Ion Ratio Lower Upper

252 100

254 62.0 51.5 77.3

126 14.5 10.3 15.5





#83

Chrysene

Concen: 8.311 ng

RT: 21.480 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

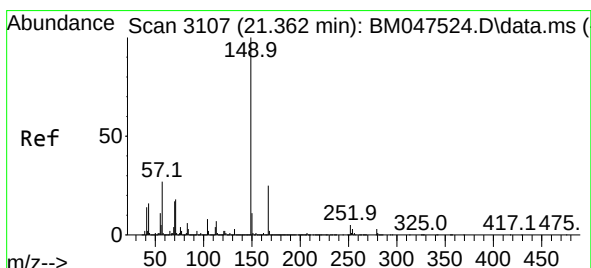
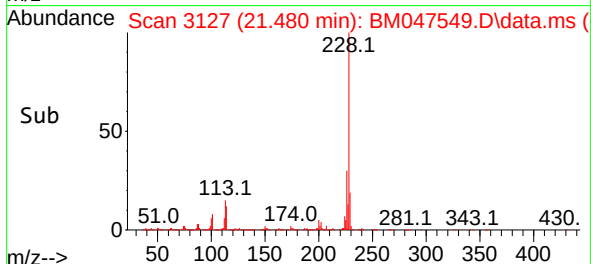
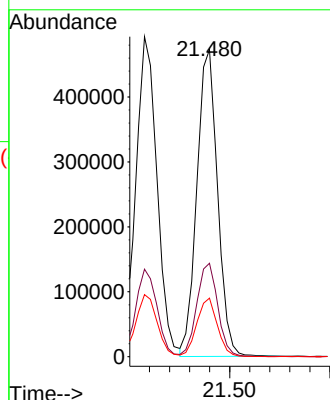
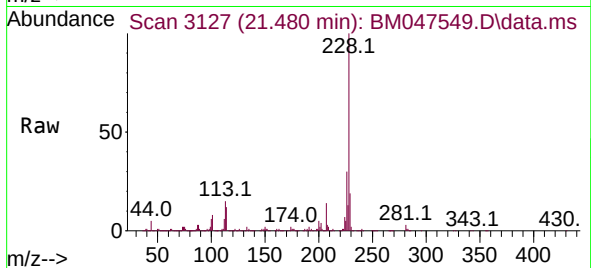
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:228 Resp: 67857
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 19.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.949 ng

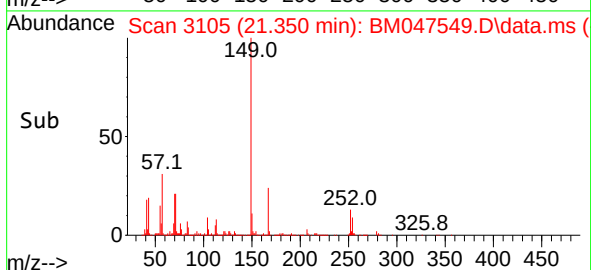
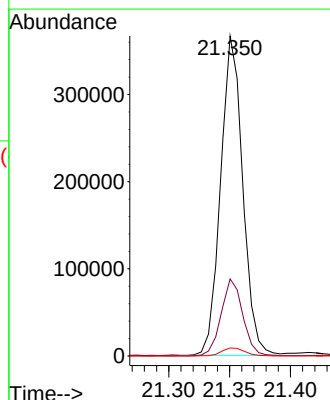
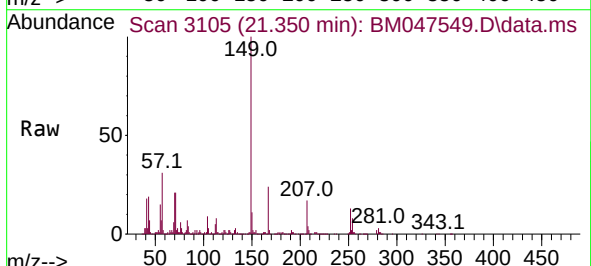
RT: 21.350 min Scan# 3105

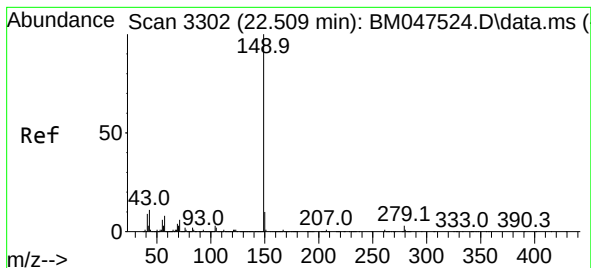
Delta R.T. -0.012 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Tgt Ion:149 Resp: 463086
 Ion Ratio Lower Upper
 149 100
 167 24.1 20.2 30.4
 279 2.5 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 7.761 ng

RT: 22.497 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

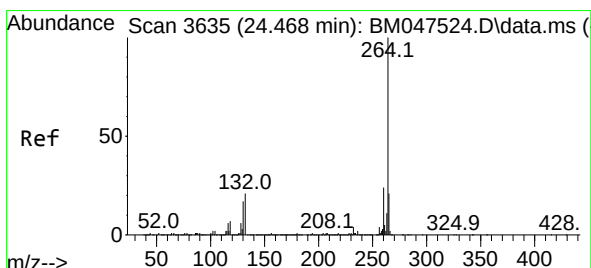
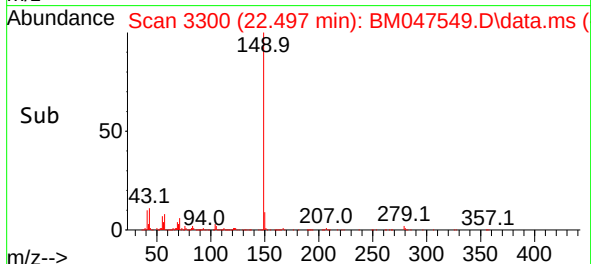
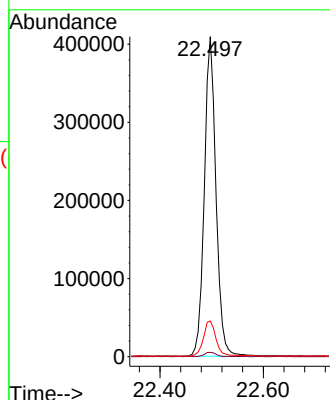
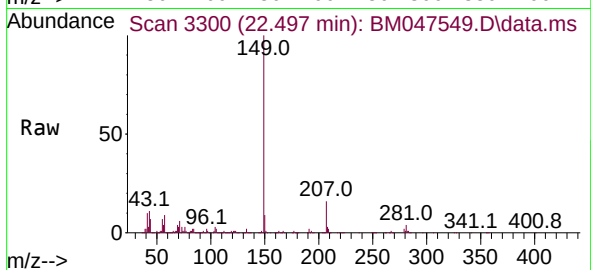
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	149	Resp:	639529
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	12.2	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#86

Perylene-d12

Concen: 20.000 ng

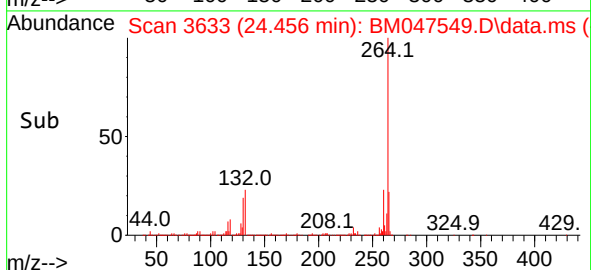
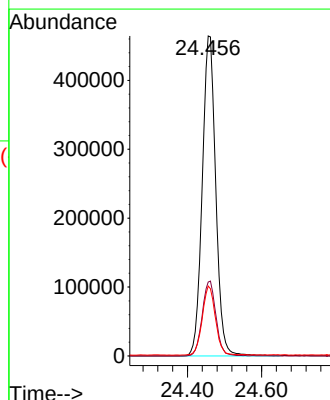
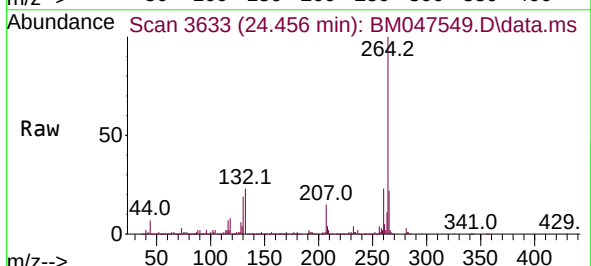
RT: 24.456 min Scan# 3633

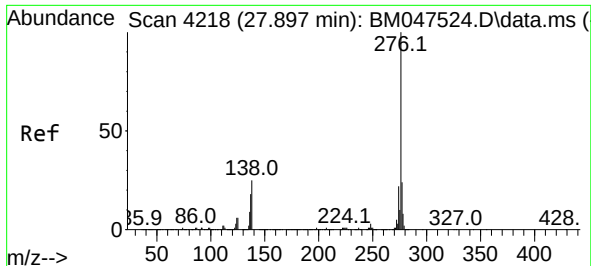
Delta R.T. -0.012 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

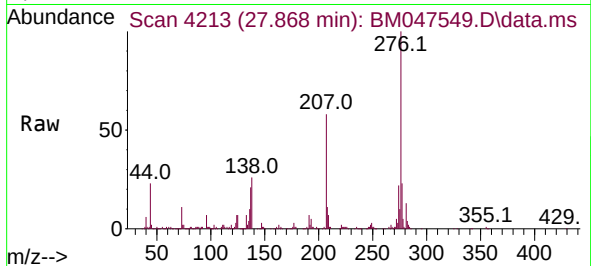
Tgt Ion:	264	Resp:	1174032
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.9	28.3
265	21.9	17.4	26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.493 ng
RT: 27.868 min Scan# 41
Delta R.T. -0.029 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

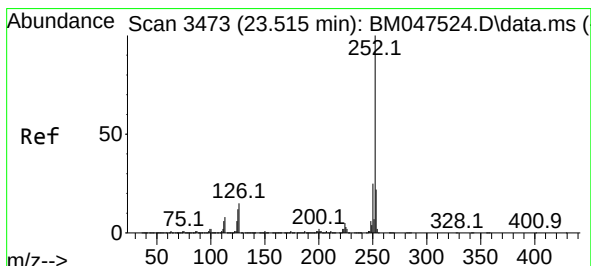
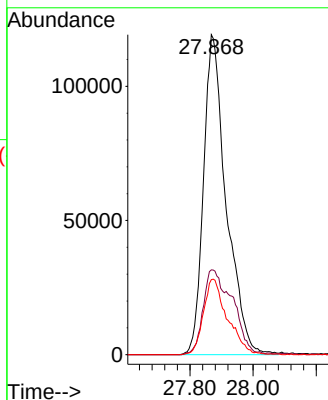
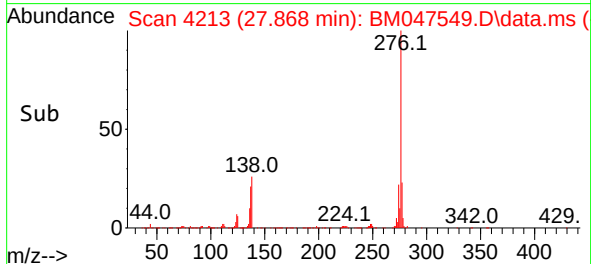
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



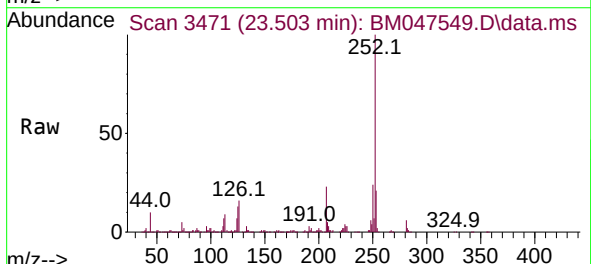
Tgt Ion:276 Resp: 59670
Ion Ratio Lower Upper
276 100
138 34.1 25.0 37.6
277 24.9 20.1 30.1

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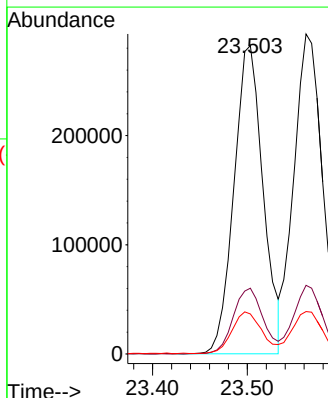
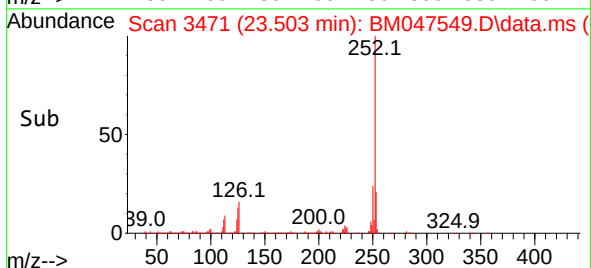
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

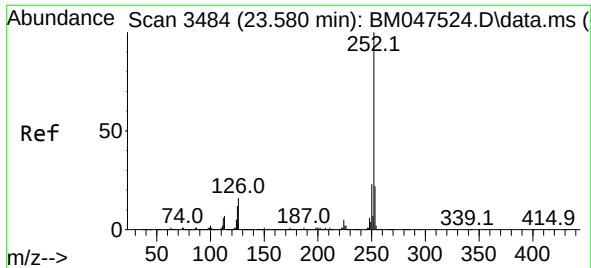


#88
Benzo(b)fluoranthene
Concen: 7.937 ng
RT: 23.503 min Scan# 3471
Delta R.T. -0.012 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26



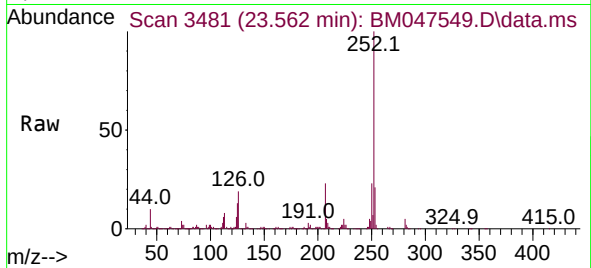
Tgt Ion:252 Resp: 602911
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 13.0 9.5 14.3





#89
Benzo(k)fluoranthene
Concen: 8.334 ng
RT: 23.562 min Scan# 3484
Delta R.T. -0.018 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

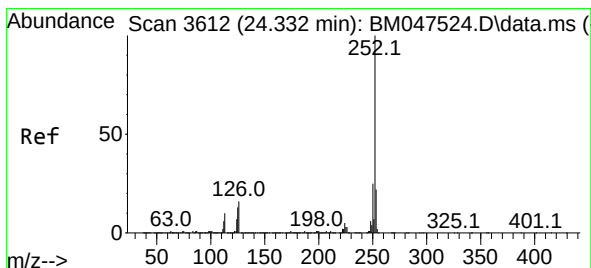
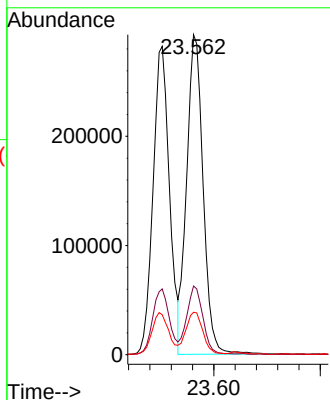
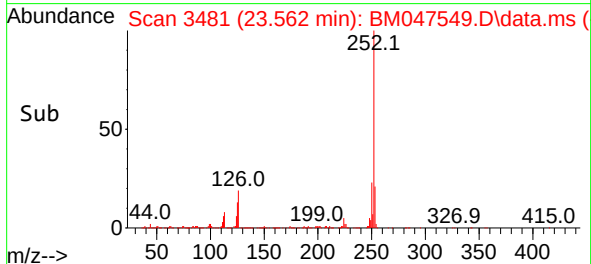
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:252 Resp: 627409
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 13.2 9.5 14.3

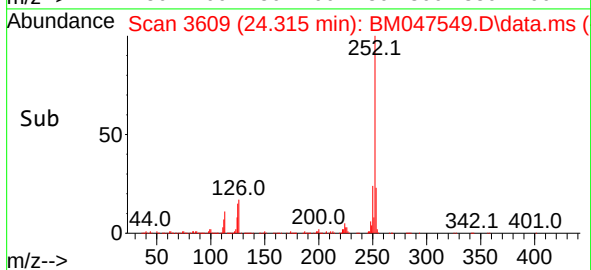
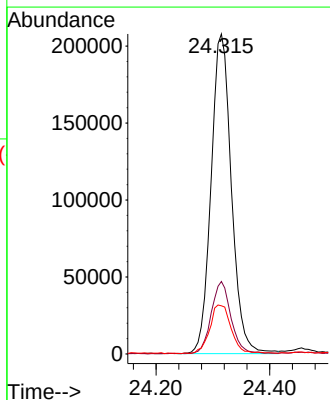
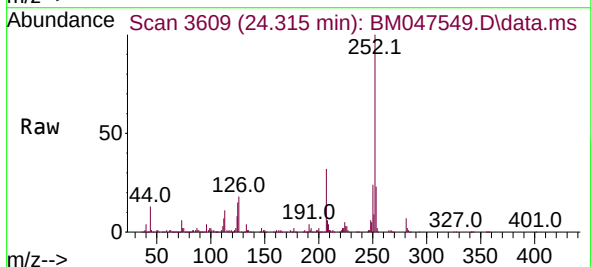
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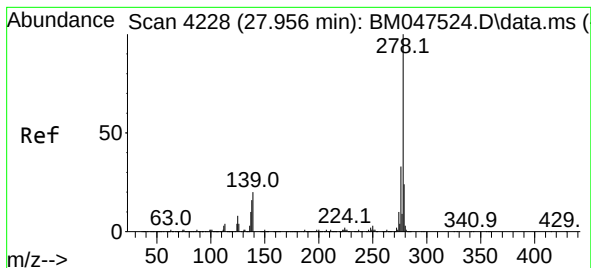
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#90
Benzo(a)pyrene
Concen: 8.298 ng
RT: 24.315 min Scan# 3609
Delta R.T. -0.018 min
Lab File: BM047549.D
Acq: 17 Sep 2024 18:26

Tgt Ion:252 Resp: 516597
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 15.1 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 8.198 ng

RT: 27.938 min Scan# 4394

Delta R.T. -0.018 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:278 Resp: 484578

Ion Ratio Lower Upper

278 100

139 19.6 15.9 23.9

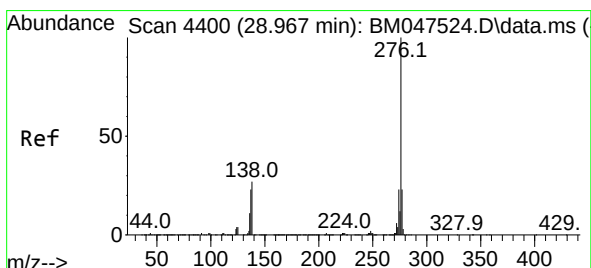
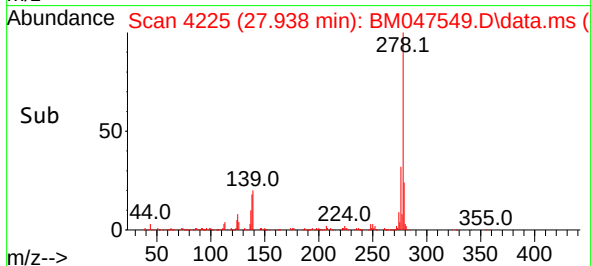
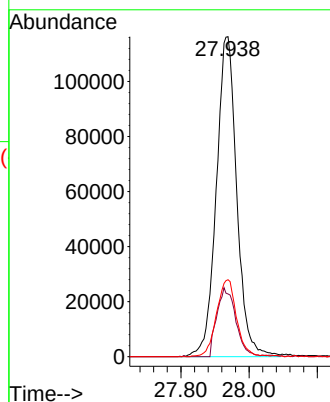
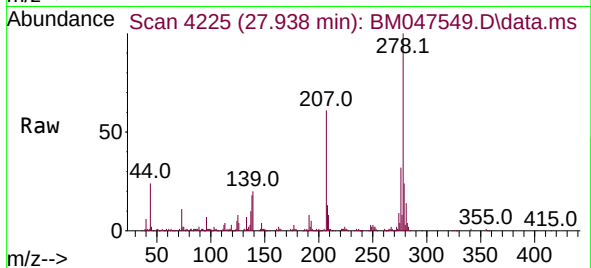
279 24.0 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#92

Benzo(g,h,i)perylene

Concen: 7.777 ng

RT: 28.932 min Scan# 4394

Delta R.T. -0.035 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Tgt Ion:276 Resp: 449055

Ion Ratio Lower Upper

276 100

277 24.8 18.6 28.0

138 31.1 21.5 32.3

