

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049593.D
 Acq On : 07 Feb 2025 00:13
 Operator : RC/JU
 Sample : Q1168-07
 Misc : LOD-MDL-SOIL 8PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Quant Time: Feb 07 01:34:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 04:55:28 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	210715	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	764656	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	467233	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	875328	20.000	ng	0.00
76) Chrysene-d12	21.439	240	750846	20.000	ng	0.00
86) Perylene-d12	24.468	264	643482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1794880	136.978	ng	0.00
7) Phenol-d6	6.981	99	2506476	146.004	ng	0.00
23) Nitrobenzene-d5	8.975	82	1638242	110.202	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	889113	160.596	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	4091147	113.431	ng	0.00
79) Terphenyl-d14	19.833	244	7100921	144.416	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	50957	9.249	ng	99
3) Pyridine	3.698	79	125746	8.213	ng	91
4) n-Nitrosodimethylamine	3.604	42	65174	9.099	ng	# 96
6) Aniline	7.145	93	159564	9.807	ng	99
8) 2-Chlorophenol	7.386	128	114092	8.720	ng	97
9) Benzaldehyde	6.957	77	123275	13.562	ng	98
10) Phenol	7.004	94	156479	9.254	ng	91
11) bis(2-Chloroethyl)ether	7.245	93	126908	9.277	ng	94
12) 1,3-Dichlorobenzene	7.716	146	136434	8.983	ng	99
13) 1,4-Dichlorobenzene	7.857	146	139955	9.111	ng	97
14) 1,2-Dichlorobenzene	8.175	146	135681	9.147	ng	98
15) Benzyl Alcohol	8.057	79	97872	8.195	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.351	45	186486	10.127	ng	98
17) 2-Methylphenol	8.257	107	90277	8.732	ng	97
18) Hexachloroethane	8.910	117	48585	8.659	ng	95
19) n-Nitroso-di-n-propyla...	8.628	70	100197	8.913	ng	97
20) 3+4-Methylphenols	8.586	107	116810	8.559	ng	98
22) Acetophenone	8.639	105	197938	9.611	ng	97
24) Nitrobenzene	9.016	77	149327	10.339	ng	97
25) Isophorone	9.545	82	258707	9.650	ng	98
26) 2-Nitrophenol	9.733	139	25947	8.068	ng	98
27) 2,4-Dimethylphenol	9.792	122	58899	6.948	ng	99
28) bis(2-Chloroethoxy)met...	10.033	93	160776	9.311	ng	98
29) 2,4-Dichlorophenol	10.263	162	91429	7.832	ng	99
30) 1,2,4-Trichlorobenzene	10.486	180	129498	9.054	ng	98
31) Naphthalene	10.669	128	363904	9.024	ng	99
32) Benzoic acid	9.845	122	21869m	10.062	ng	
33) 4-Chloroaniline	10.769	127	137371	9.100	ng	97
34) Hexachlorobutadiene	10.969	225	76833	8.970	ng	96
35) Caprolactam	11.516	113	23164m	6.504	ng	
36) 4-Chloro-3-methylphenol	11.892	107	88184	7.574	ng	98
37) 2-Methylnaphthalene	12.286	142	243560	8.578	ng	98
38) 1-Methylnaphthalene	12.504	142	226536	8.200	ng	98
40) 1,2,4,5-Tetrachloroben...	12.651	216	138377	9.008	ng	98
41) Hexachlorocyclopentadiene	12.645	237	24201	6.171	ng	98
43) 2,4,6-Trichlorophenol	12.892	196	59585	7.108	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	70154	7.615	ng	98
46) 1,1'-Biphenyl	13.298	154	332121	9.318	ng	98
47) 2-Chloronaphthalene	13.333	162	257028	9.320	ng	98
48) 2-Nitroaniline	13.527	65	49406	10.338	ng	93
49) Acenaphthylene	14.180	152	384642	9.459	ng	100
50) Dimethylphthalate	13.915	163	283509	8.449	ng	99
51) 2,6-Dinitrotoluene	14.027	165	47728	8.220	ng	92
52) Acenaphthene	14.521	154	229605	8.507	ng	95
53) 3-Nitroaniline	14.351	138	49052	8.298	ng	96
54) 2,4-Dinitrophenol	14.551	184	6521	9.433	ng	# 80
55) Dibenzofuran	14.857	168	376295	8.755	ng	100
56) 4-Nitrophenol	14.651	139	28659	5.751	ng	97
57) 2,4-Dinitrotoluene	14.810	165	55666	10.253	ng	97
58) Fluorene	15.509	166	299180	8.137	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	53523	6.877	ng	99
60) Diethylphthalate	15.286	149	274231	8.132	ng	99
61) 4-Chlorophenyl-phenyle...	15.509	204	157858	8.067	ng	97
62) 4-Nitroaniline	15.509	138	50434	10.225	ng	97
63) Azobenzene	15.798	77	314111	8.924	ng	95
65) 4,6-Dinitro-2-methylph...	15.574	198	9971	9.328	ng	84
66) n-Nitrosodiphenylamine	15.715	169	235502	8.531	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	85043	8.363	ng	98
68) Hexachlorobenzene	16.509	284	102971	8.822	ng	95
69) Atrazine	16.668	200	67959	8.282	ng	97
70) Pentachlorophenol	16.851	266	31909	11.373	ng	98
71) Phenanthrene	17.245	178	436419	8.752	ng	99
72) Anthracene	17.333	178	415009	8.405	ng	99
73) Carbazole	17.598	167	378078	8.724	ng	99
74) Di-n-butylphthalate	18.186	149	390108	7.094	ng	99
75) Fluoranthene	19.256	202	454918	7.792	ng	99
77) Benzidine	19.439	184	48076	7.230	ng	99
78) Pyrene	19.615	202	477413	8.492	ng	100
80) Butylbenzylphthalate	20.533	149	79952	4.570	ng	98
81) Benzo(a)anthracene	21.421	228	448252	8.809	ng	99
82) 3,3'-Dichlorobenzidine	21.344	252	92882	6.783	ng	96
83) Chrysene	21.486	228	416947	8.746	ng	98
84) Bis(2-ethylhexyl)phtha...	21.374	149	167289	5.578	ng	97
85) Di-n-octyl phthalate	22.533	149	208529	4.407	ng	# 92
87) Indeno(1,2,3-cd)pyrene	27.885	276	314792m	8.958	ng	
88) Benzo(b)fluoranthene	23.515	252	352551m	7.964	ng	
89) Benzo(k)fluoranthene	23.580	252	357781	8.321	ng	98
90) Benzo(a)pyrene	24.327	252	293227	8.359	ng	98
91) Dibenzo(a,h)anthracene	27.956	278	236975	8.532	ng	98
92) Benzo(g,h,i)perylene	28.944	276	259883	8.376	ng	99

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

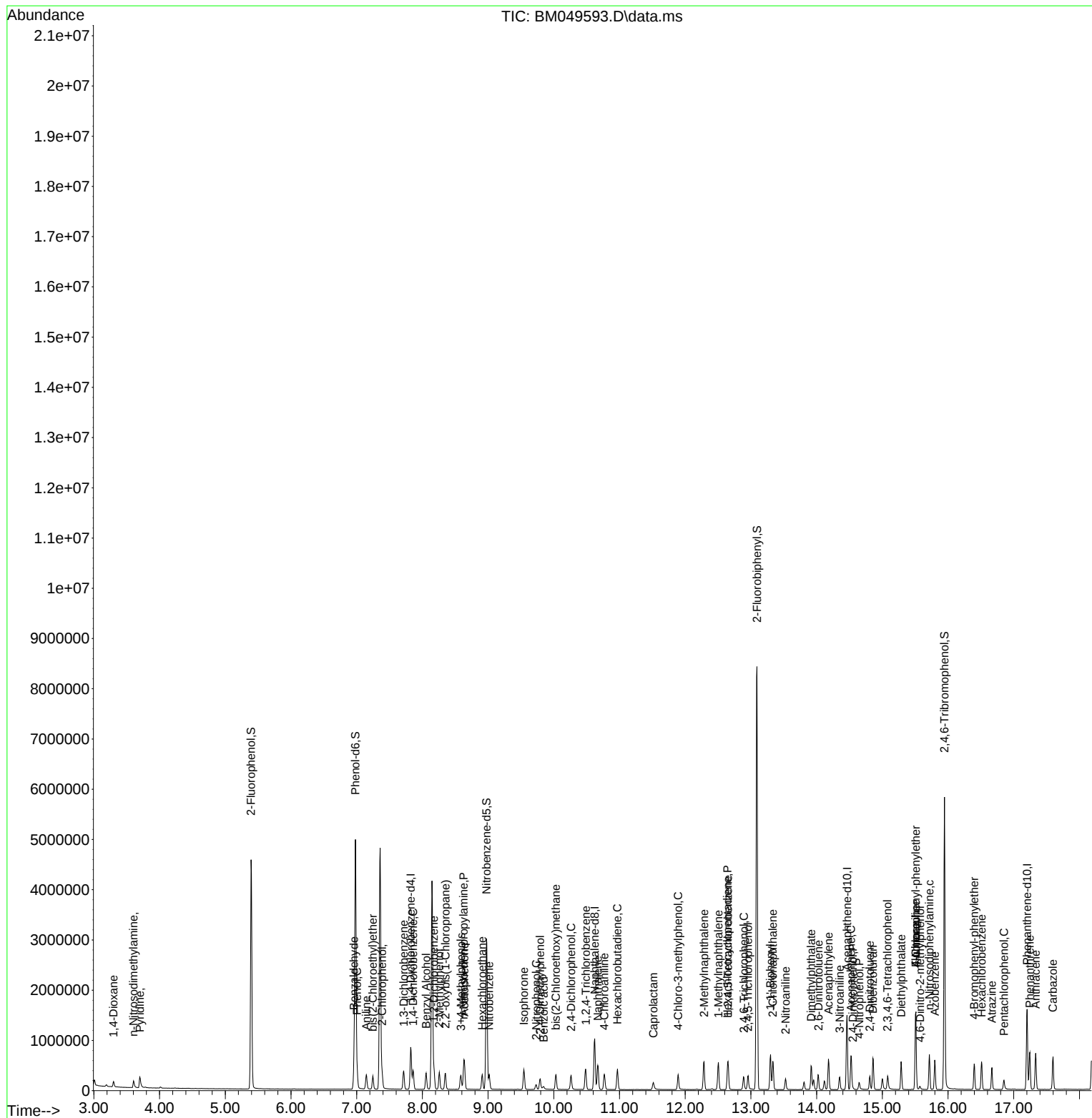
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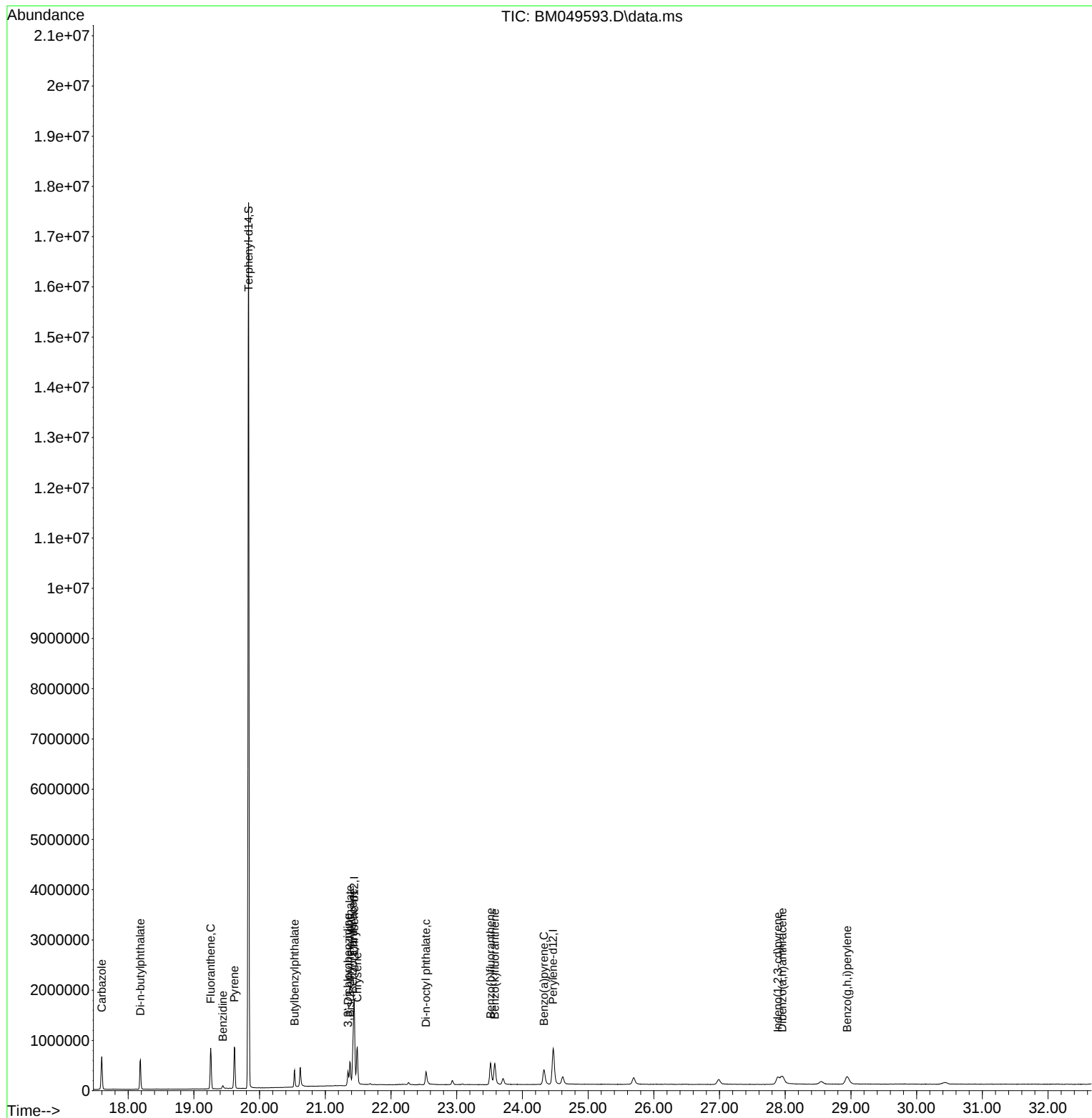
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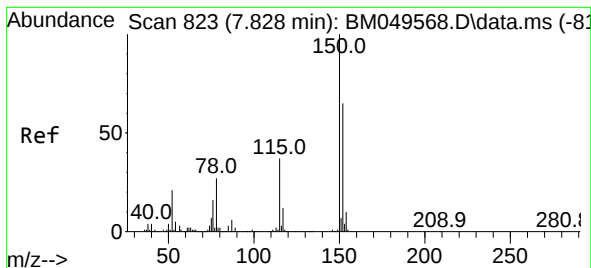
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BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

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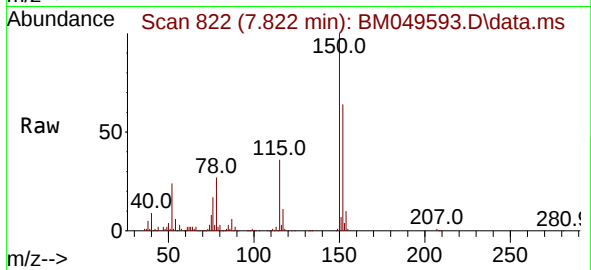
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.822 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM049593.D
 Acq: 07 Feb 2025 00:13

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

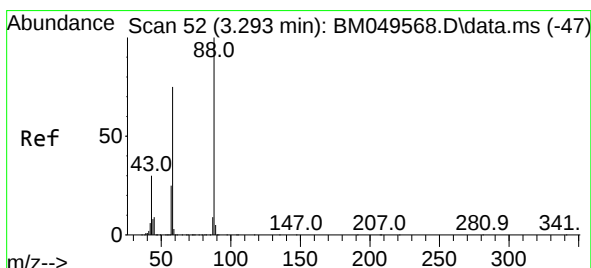
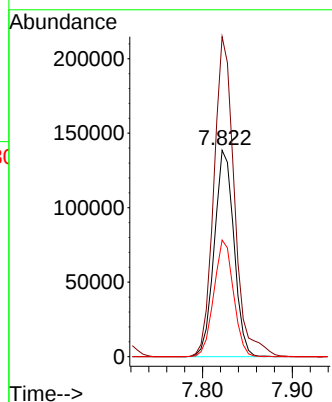
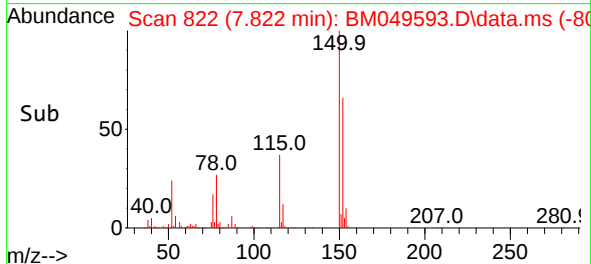


Tgt Ion:152 Resp: 210715

Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.6	184.0
115	56.5	45.4	68.0

Manual Integrations
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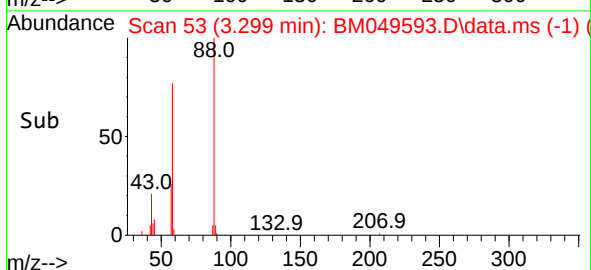
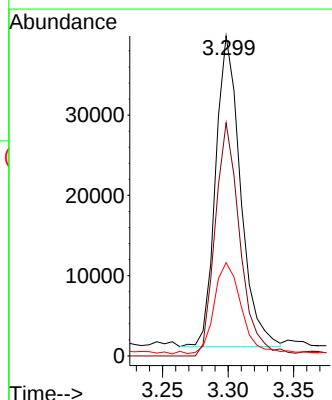
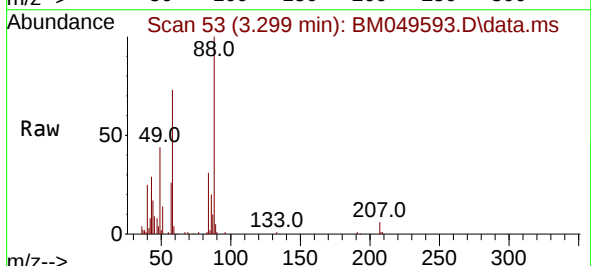
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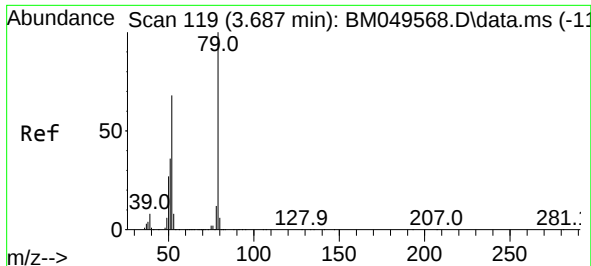


#2
 1,4-Dioxane
 Concen: 9.249 ng
 RT: 3.299 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BM049593.D
 Acq: 07 Feb 2025 00:13

Tgt Ion: 88 Resp: 50957

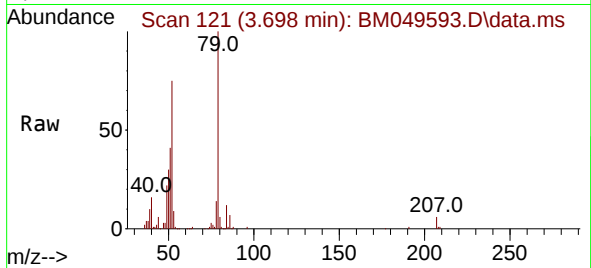
Ion	Ratio	Lower	Upper
88	100		
58	75.1	60.0	90.0
43	32.7	24.4	36.6





#3
Pyridine
Concen: 8.213 ng
RT: 3.698 min Scan# 119
Delta R.T. 0.012 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

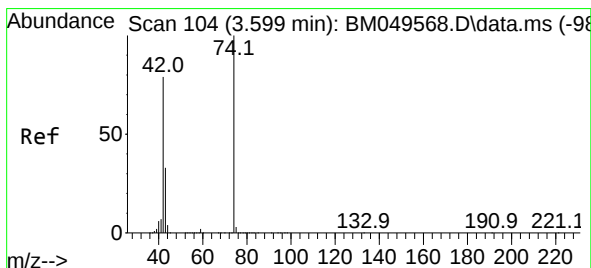
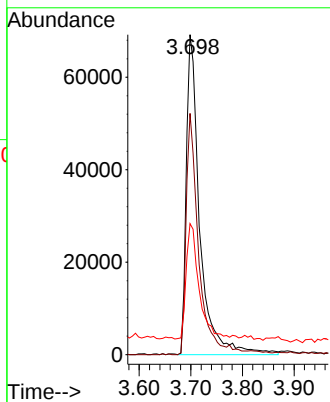
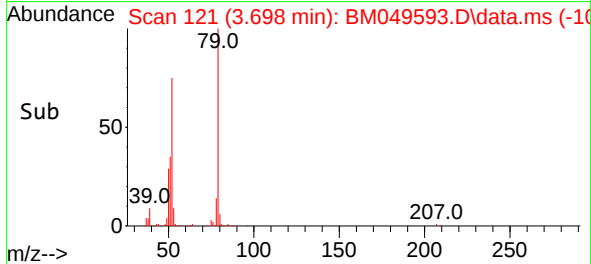
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 79 Resp: 125740
Ion Ratio Lower Upper
79 100
52 75.4 54.5 81.7
51 40.9 29.0 43.6

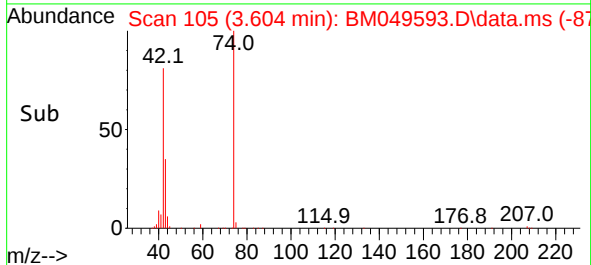
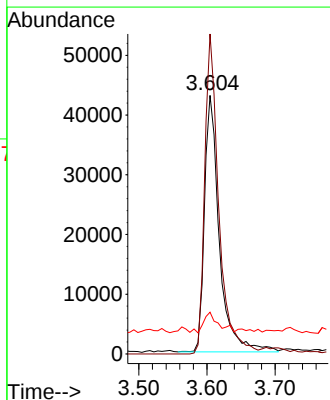
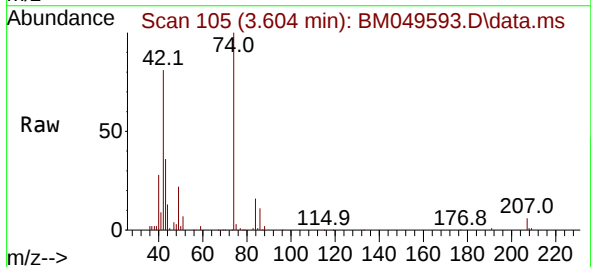
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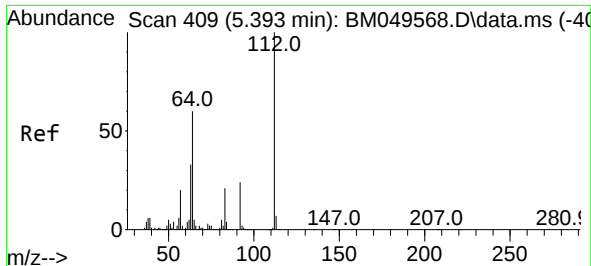
Reviewed By :Jagrut Upadhyay 02/07/2025
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#4
n-Nitrosodimethylamine
Concen: 9.099 ng
RT: 3.604 min Scan# 105
Delta R.T. 0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Tgt Ion: 42 Resp: 65174
Ion Ratio Lower Upper
42 100
74 123.7 101.3 151.9
44 16.1 6.5 9.7#





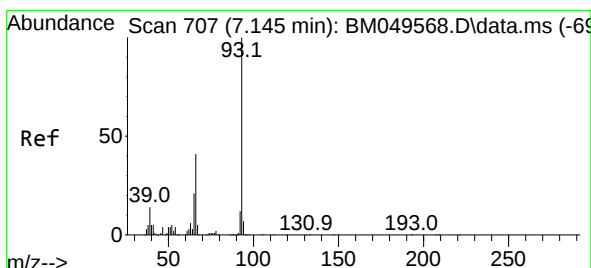
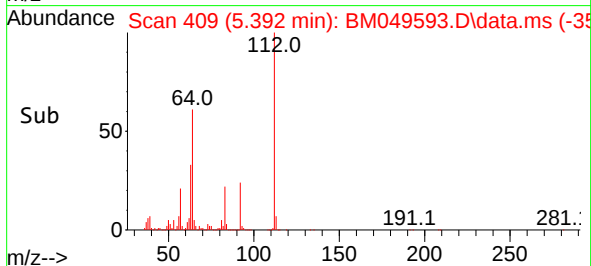
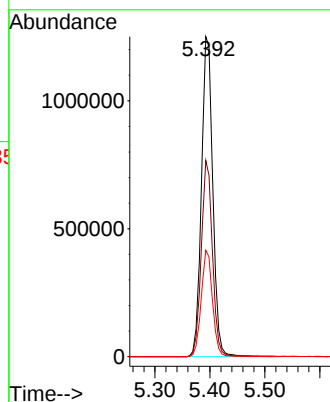
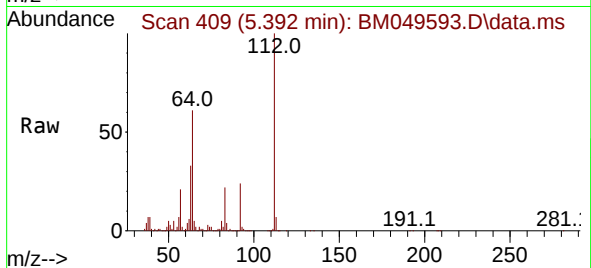
#5
2-Fluorophenol
Concen: 136.978 ng
RT: 5.392 min Scan# 409
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

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Tgt Ion:112 Resp: 1794880
Ion Ratio Lower Upper
112 100
64 61.3 47.8 71.8
63 33.3 26.2 39.4

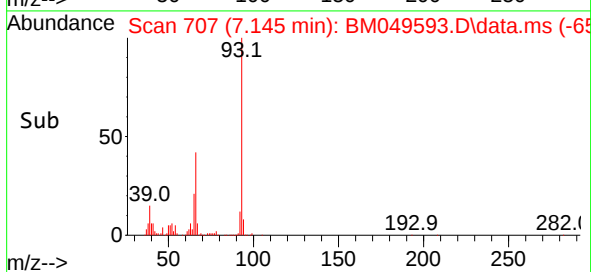
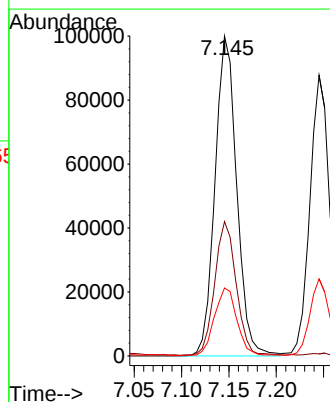
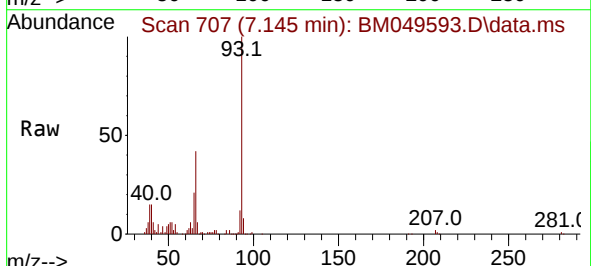
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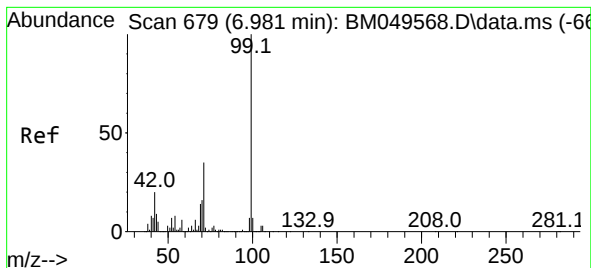
Reviewed By :Jagrut Upadhyay 02/07/2025
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#6
Aniline
Concen: 9.807 ng
RT: 7.145 min Scan# 707
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

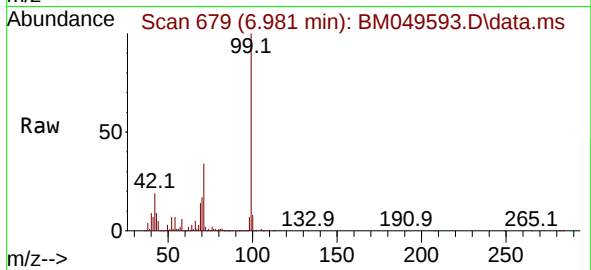
Tgt Ion: 93 Resp: 159564
Ion Ratio Lower Upper
93 100
66 42.0 33.3 49.9
65 21.2 16.8 25.2





#7
Phenol-d6
Concen: 146.004 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

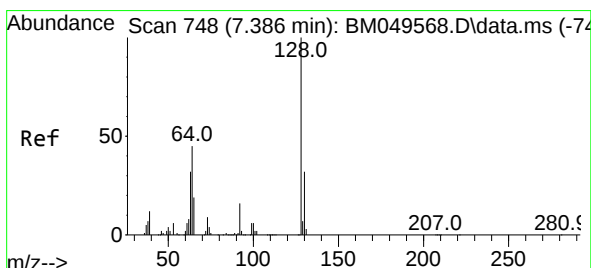
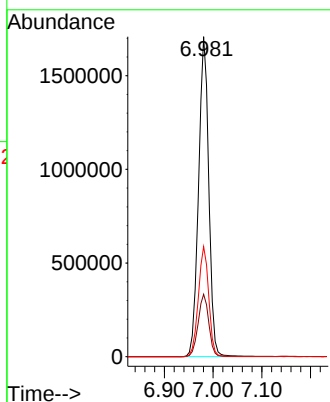
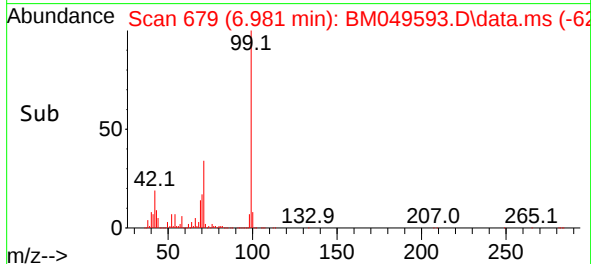
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 99 Resp: 2506470
Ion Ratio Lower Upper
99 100
42 19.5 16.0 24.0
71 34.4 27.8 41.6

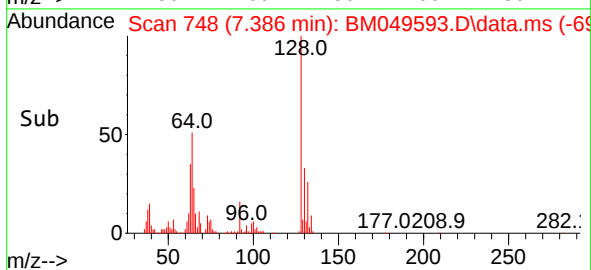
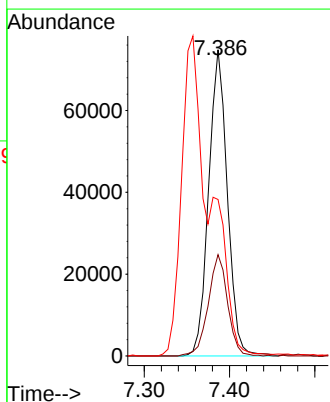
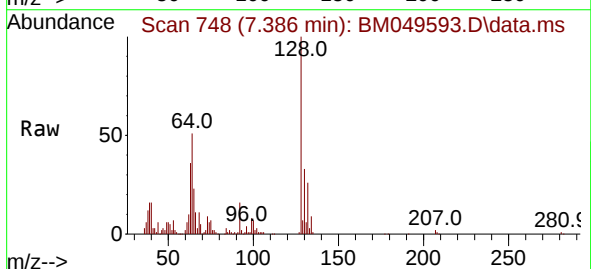
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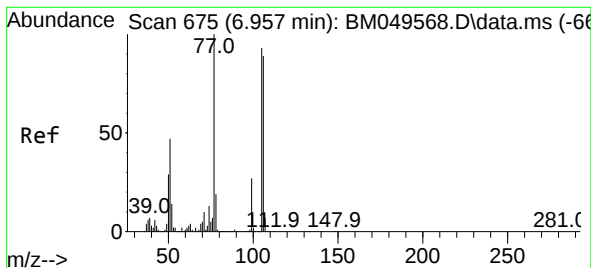
Reviewed By :Jagrut Upadhyay 02/07/2025
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#8
2-Chlorophenol
Concen: 8.720 ng
RT: 7.386 min Scan# 748
Delta R.T. -0.000 min
Lab File: BM049593.D
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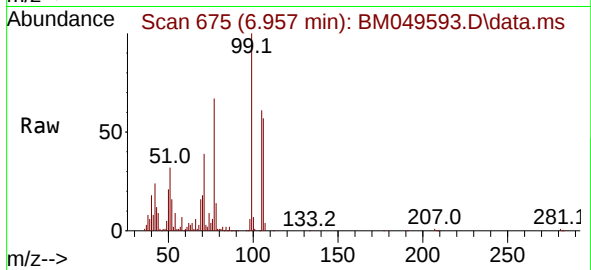
Tgt Ion:128 Resp: 114092
Ion Ratio Lower Upper
128 100
130 33.1 12.4 52.4
64 51.1 28.7 68.7





#9
Benzaldehyde
Concen: 13.562 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

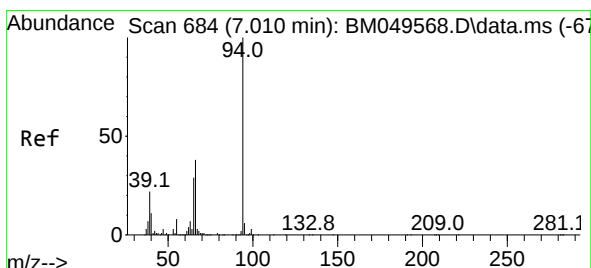
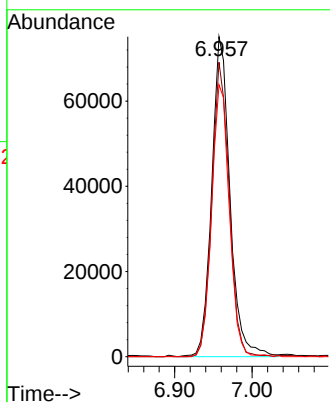
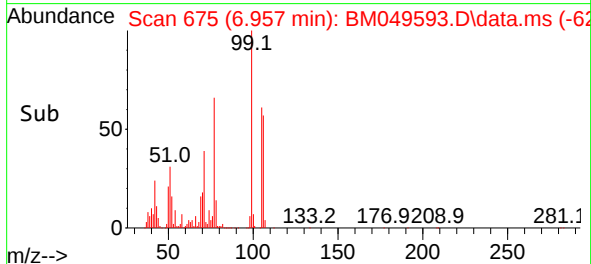
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



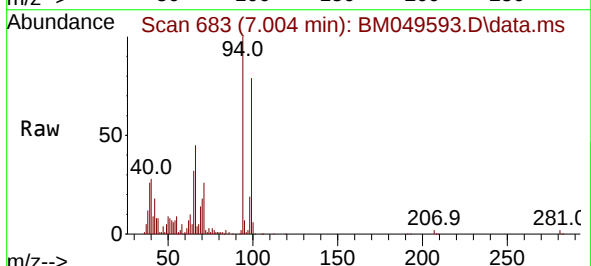
Tgt Ion: 77 Resp: 123279
Ion Ratio Lower Upper
77 100
105 92.0 72.7 112.7
106 85.0 68.9 108.9

Manual Integrations
APPROVED

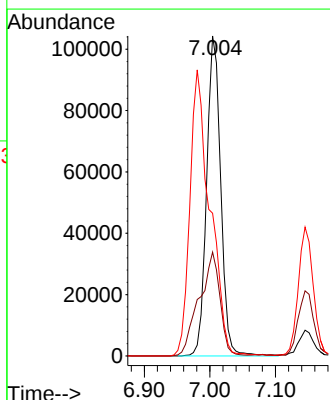
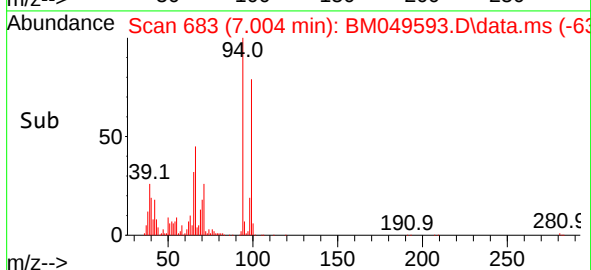
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

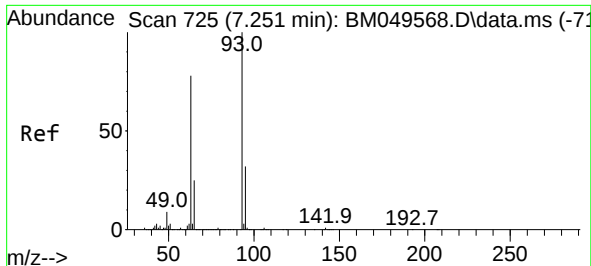


#10
Phenol
Concen: 9.254 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13



Tgt Ion: 94 Resp: 156479
Ion Ratio Lower Upper
94 100
65 32.4 9.3 49.3
66 44.6 17.7 57.7





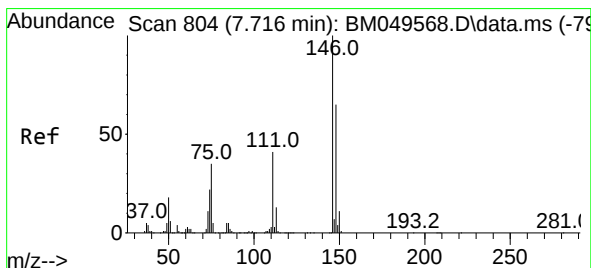
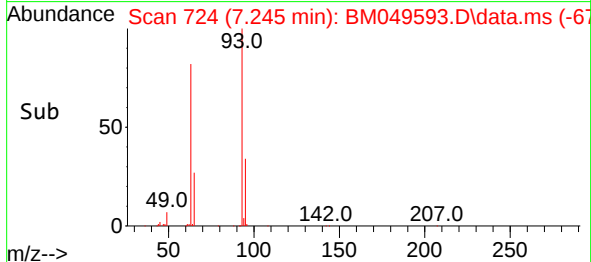
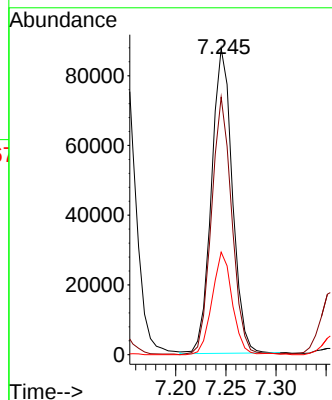
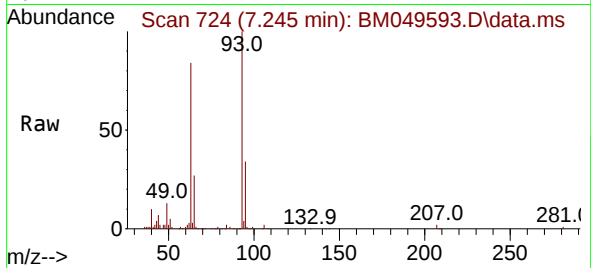
#11
bis(2-Chloroethyl)ether
Concen: 9.277 ng
RT: 7.245 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 93 Resp: 126908
Ion Ratio Lower Upper
93 100
63 84.1 57.3 97.3
95 33.5 12.1 52.1

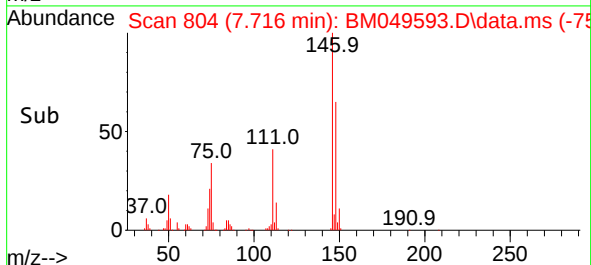
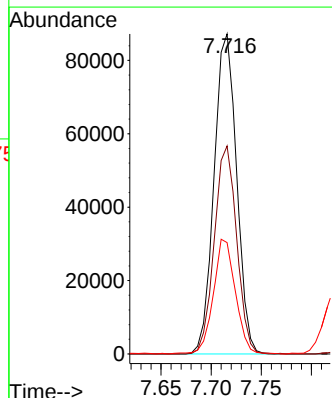
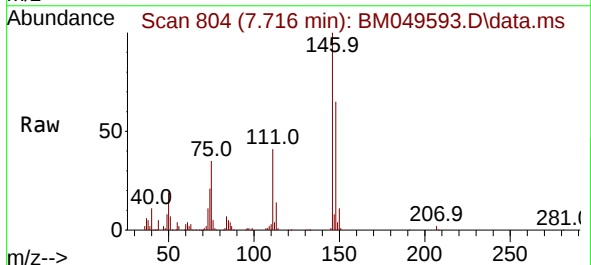
Manual Integrations
APPROVED

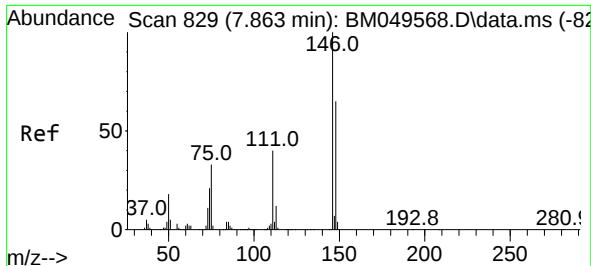
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#12
1,3-Dichlorobenzene
Concen: 8.983 ng
RT: 7.716 min Scan# 804
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Tgt Ion:146 Resp: 136434
Ion Ratio Lower Upper
146 100
148 65.0 52.2 78.2
75 34.8 28.3 42.5





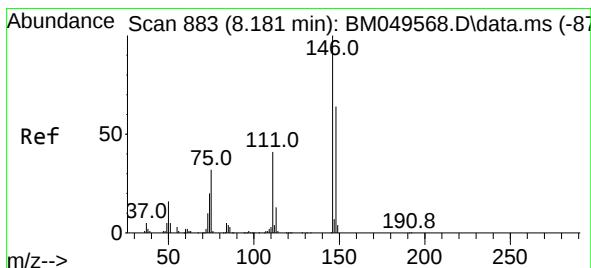
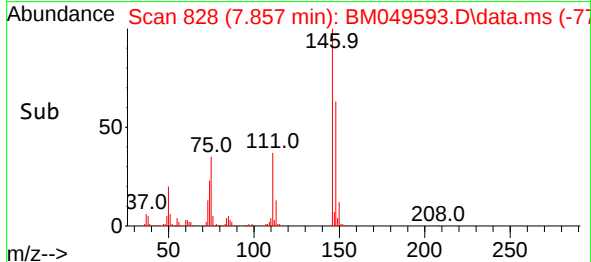
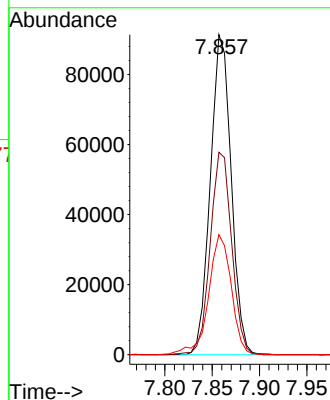
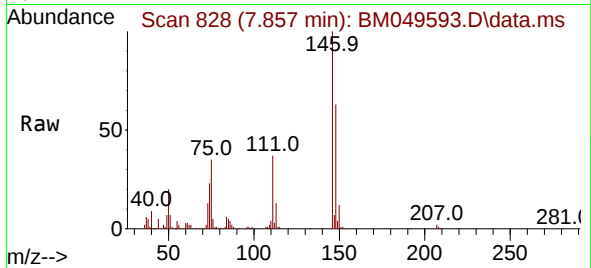
#13
1,4-Dichlorobenzene
Concen: 9.111 ng
RT: 7.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:146 Resp: 13995
Ion Ratio Lower Upper
146 100
148 63.2 52.1 78.1
111 37.5 31.7 47.5

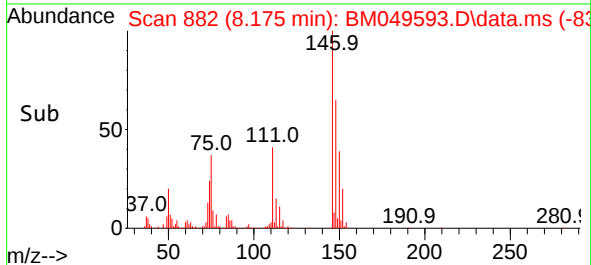
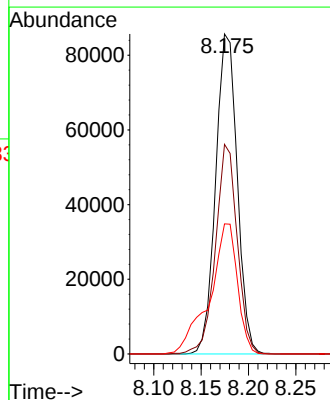
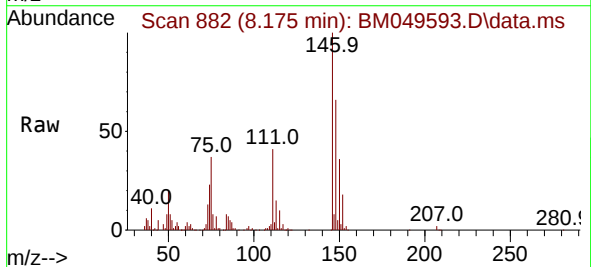
Manual Integrations
APPROVED

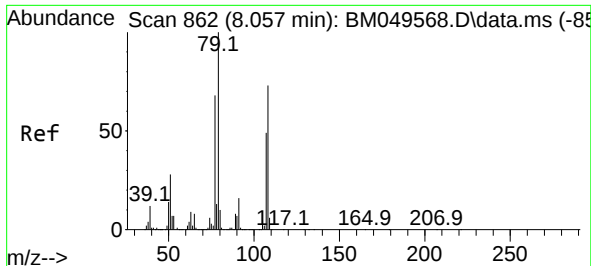
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#14
1,2-Dichlorobenzene
Concen: 9.147 ng
RT: 8.175 min Scan# 882
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Tgt Ion:146 Resp: 135681
Ion Ratio Lower Upper
146 100
148 65.5 51.5 77.3
111 40.7 33.4 50.0





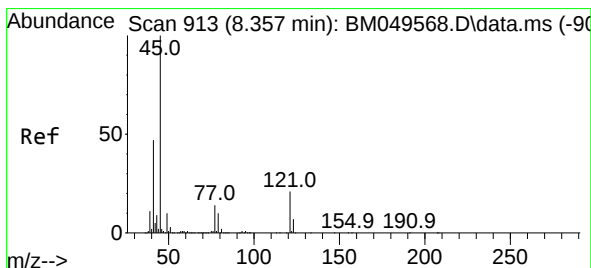
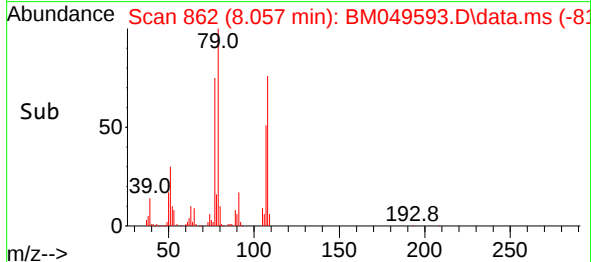
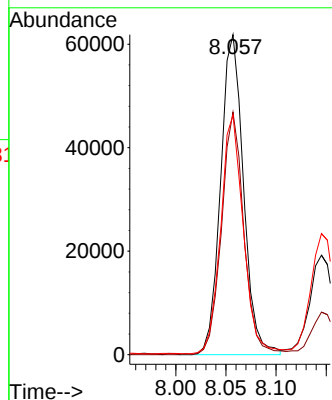
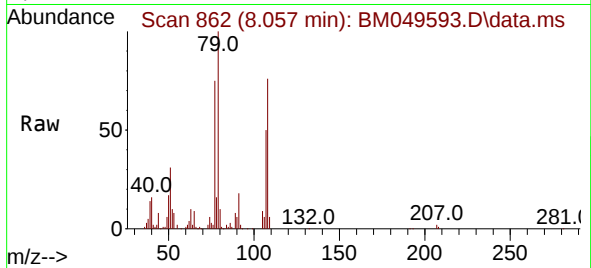
#15
Benzyl Alcohol
Concen: 8.195 ng
RT: 8.057 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 79 Resp: 97872
Ion Ratio Lower Upper
79 100
108 75.8 58.6 88.0
77 74.9 54.0 81.0

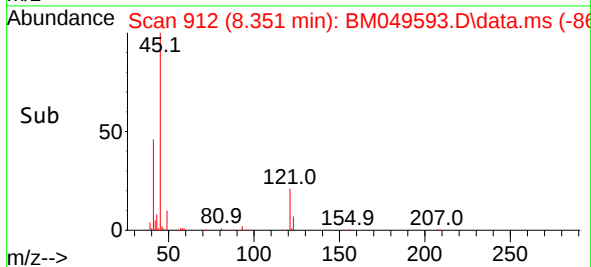
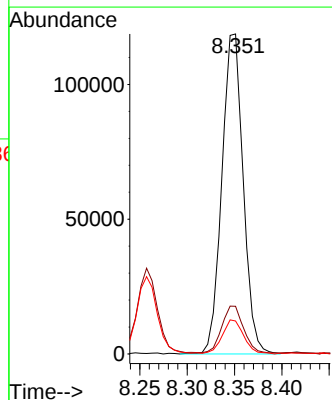
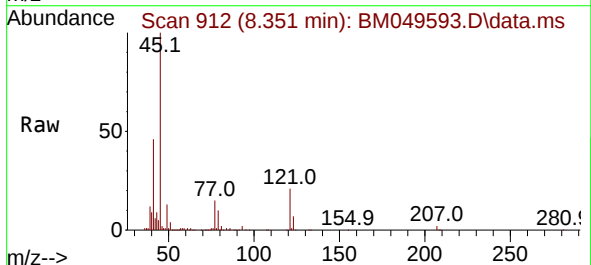
Manual Integrations
APPROVED

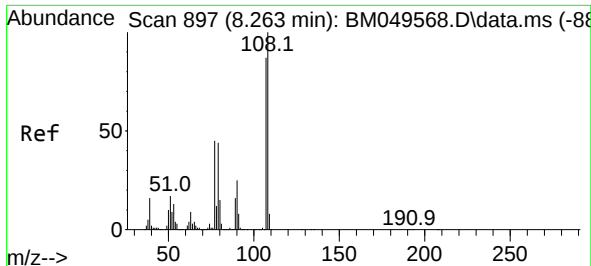
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.127 ng
RT: 8.351 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Tgt Ion: 45 Resp: 186486
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.0
79 10.3 0.0 30.8





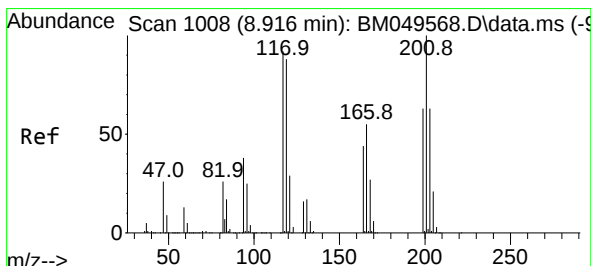
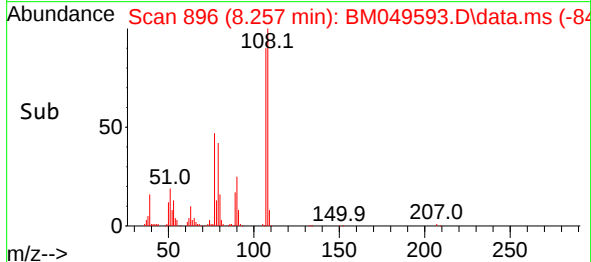
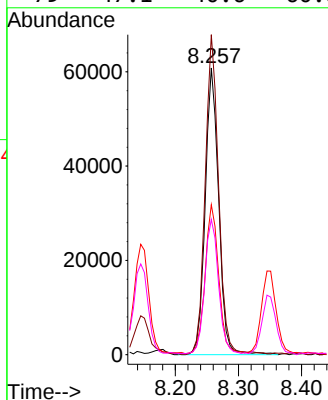
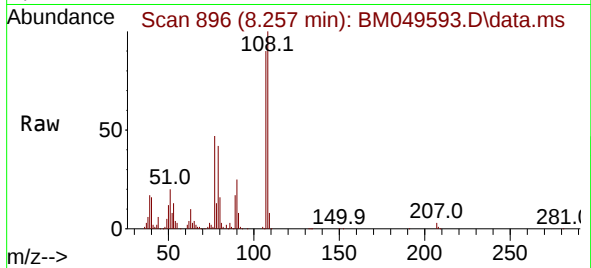
#17
2-Methylphenol
Concen: 8.732 ng
RT: 8.257 min Scan# 897
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	107	Resp:	9027
Ion Ratio	Lower	Upper	
107	100		
108	111.6	92.2	138.4
77	52.3	41.3	61.9
79	47.1	40.6	60.8

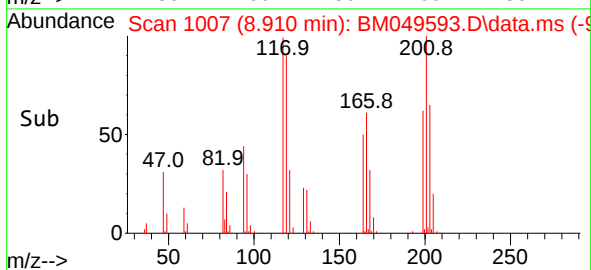
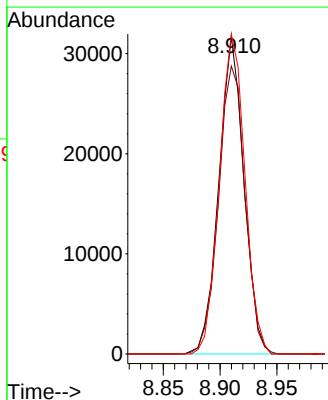
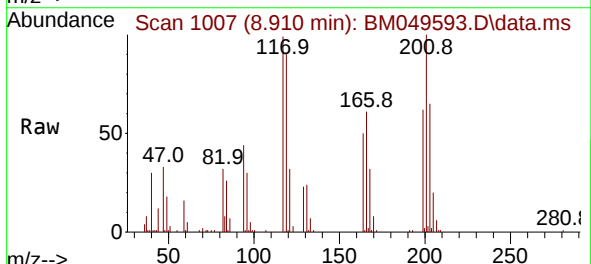
Manual Integrations
APPROVED

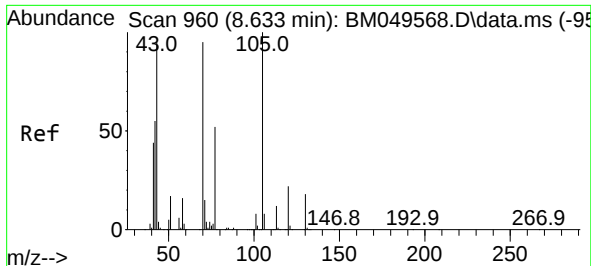
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#18
Hexachloroethane
Concen: 8.659 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

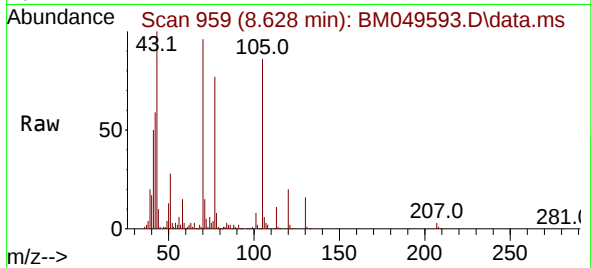
Tgt Ion:	117	Resp:	48585
Ion Ratio	Lower	Upper	
117	100		
119	90.8	76.8	115.2
201	103.7	87.0	130.6





#19
n-Nitroso-di-n-propylamine
Concen: 8.913 ng
RT: 8.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

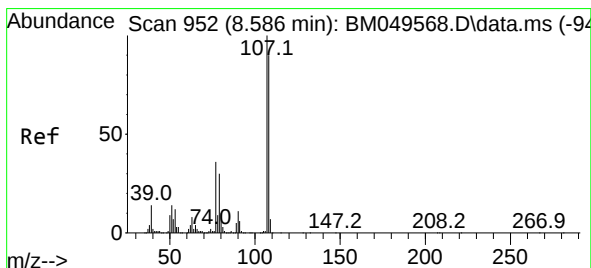
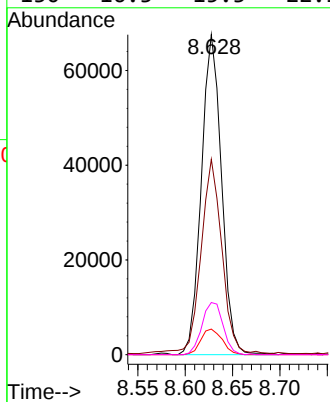
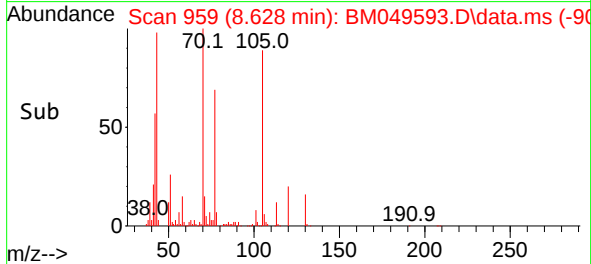
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 70 Resp: 10019
Ion Ratio Lower Upper
70 100
42 61.1 47.4 71.2
101 8.0 7.1 10.7
130 16.3 15.3 22.9

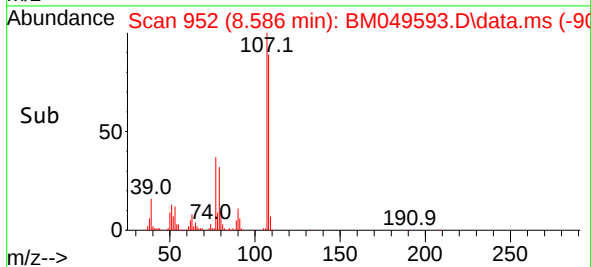
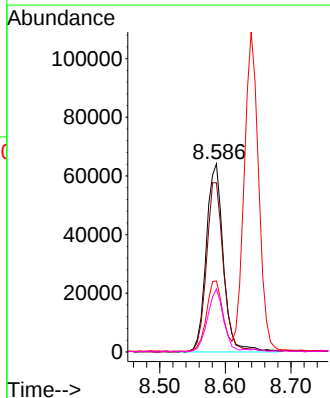
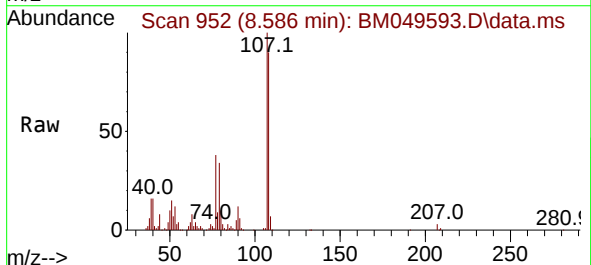
Manual Integrations
APPROVED

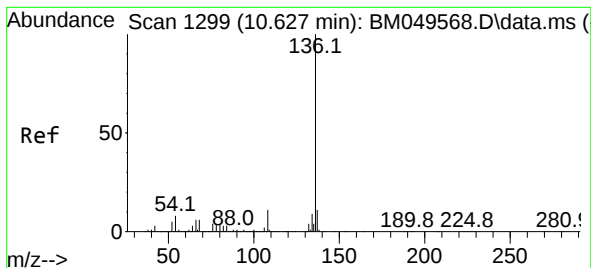
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#20
3+4-Methylphenols
Concen: 8.559 ng
RT: 8.586 min Scan# 952
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

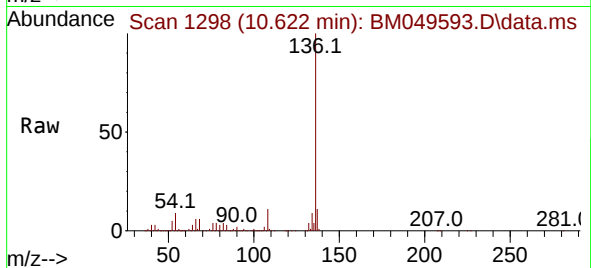
Tgt Ion:107 Resp: 116810
Ion Ratio Lower Upper
107 100
108 89.9 69.6 109.6
77 37.8 16.0 56.0
79 33.5 10.5 50.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

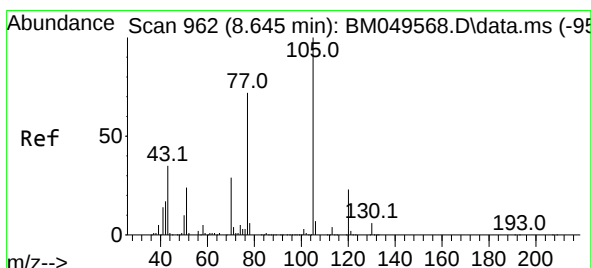
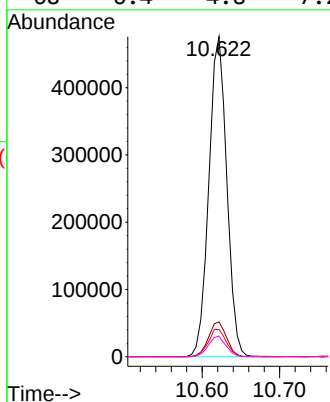
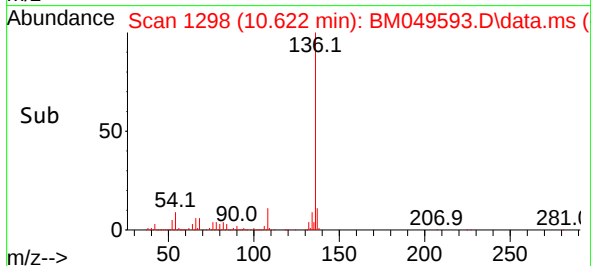
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:136 Resp: 764650
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 6.6 10.0
68 6.4 4.8 7.2

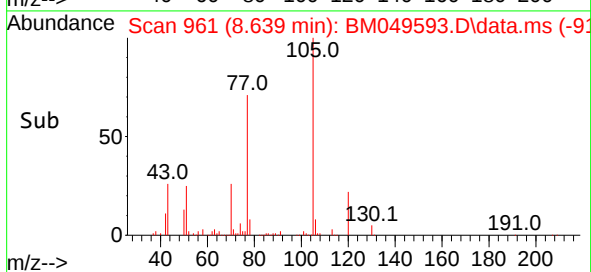
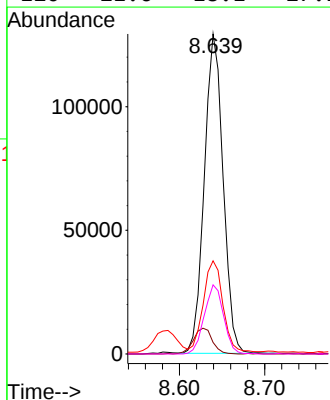
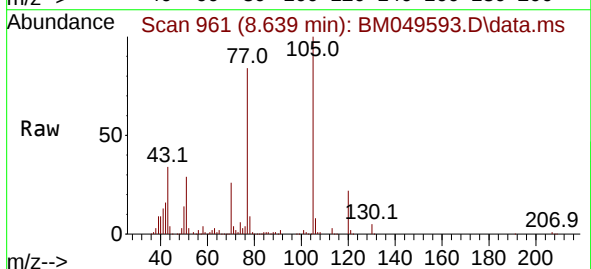
Manual Integrations
APPROVED

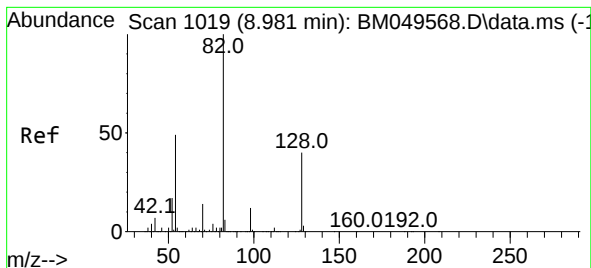
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#22
Acetophenone
Concen: 9.611 ng
RT: 8.639 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Tgt Ion:105 Resp: 197938
Ion Ratio Lower Upper
105 100
71 3.6 3.5 5.3
51 29.1 21.7 32.5
120 21.6 18.1 27.1





#23

Nitrobenzene-d5

Concen: 110.202 ng

RT: 8.975 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BM049593.D

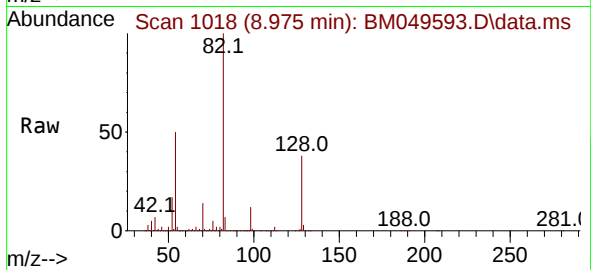
Acq: 07 Feb 2025 00:13

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 82 Resp: 163824

Ion Ratio Lower Upper

82 100

128 38.2 31.6 47.4

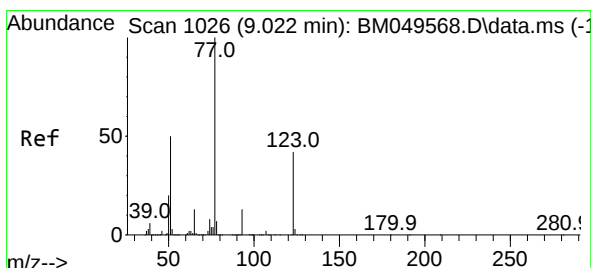
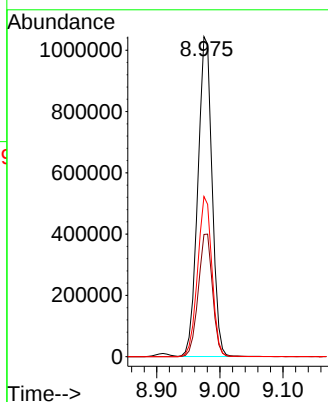
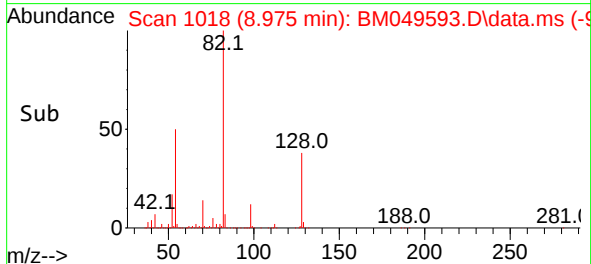
54 50.1 39.4 59.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#24

Nitrobenzene

Concen: 10.339 ng

RT: 9.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BM049593.D

Acq: 07 Feb 2025 00:13

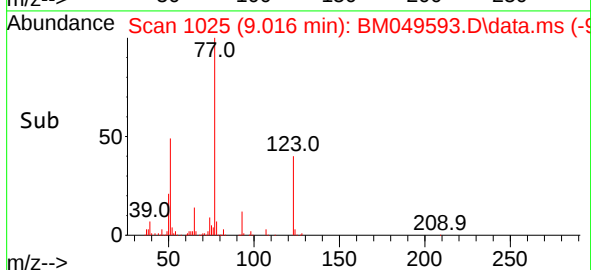
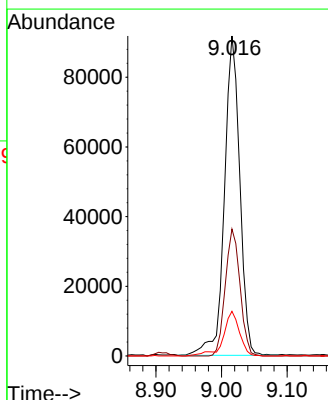
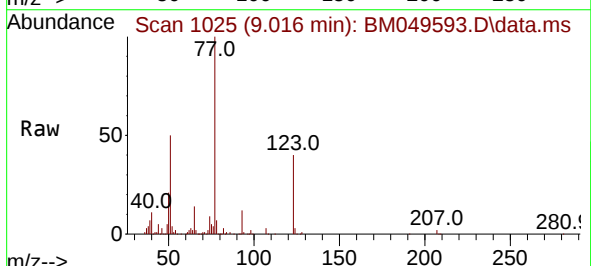
Tgt Ion: 77 Resp: 149327

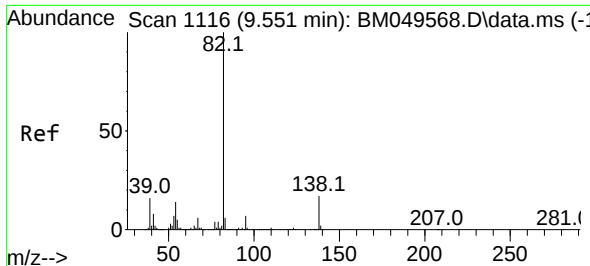
Ion Ratio Lower Upper

77 100

123 39.7 33.4 50.2

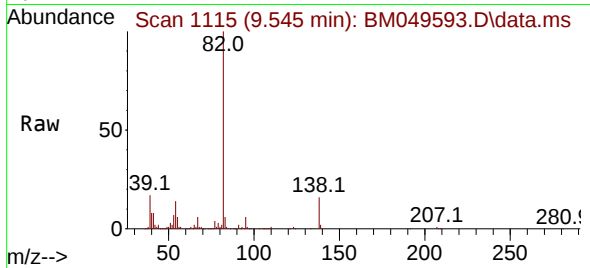
65 14.0 10.5 15.7





#25
Isophorone
Concen: 9.650 ng
RT: 9.545 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

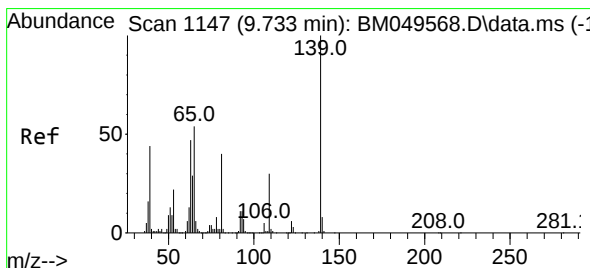
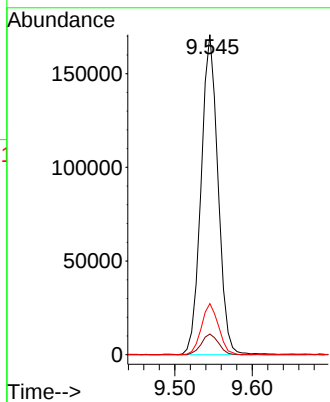
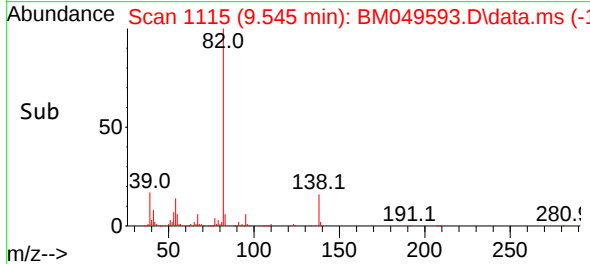
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 82 Resp: 25870
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 16.0 13.6 20.4

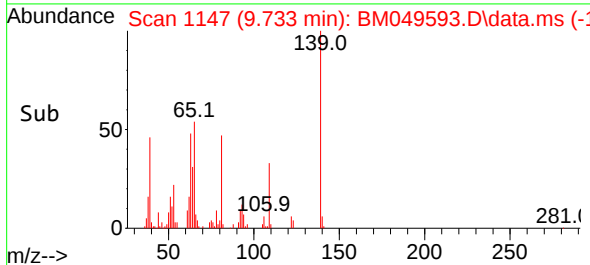
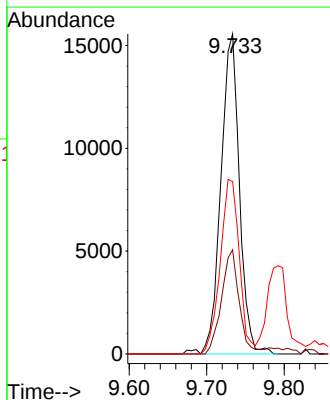
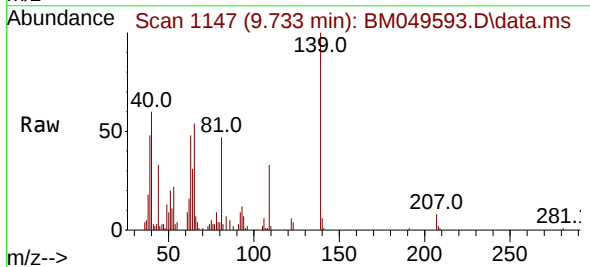
Manual Integrations
APPROVED

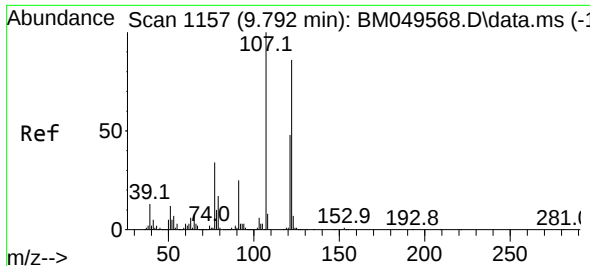
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#26
2-Nitrophenol
Concen: 8.068 ng
RT: 9.733 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

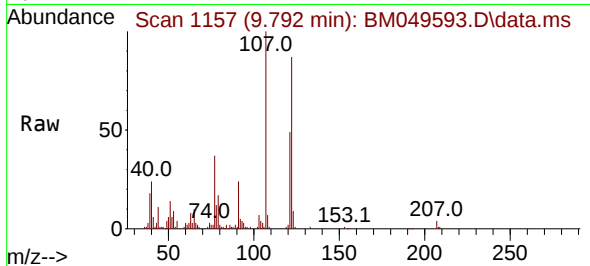
Tgt Ion:139 Resp: 25947
Ion Ratio Lower Upper
139 100
109 32.5 24.2 36.2
65 53.9 43.4 65.2





#27
2,4-Dimethylphenol
Concen: 6.948 ng
RT: 9.792 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

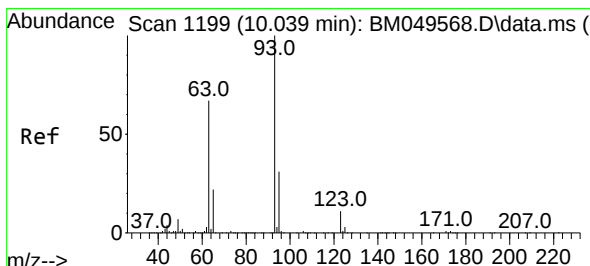
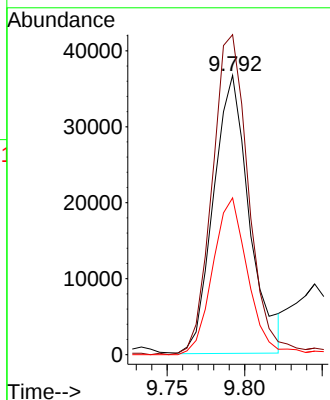
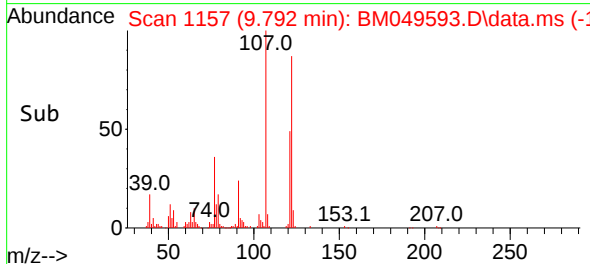
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



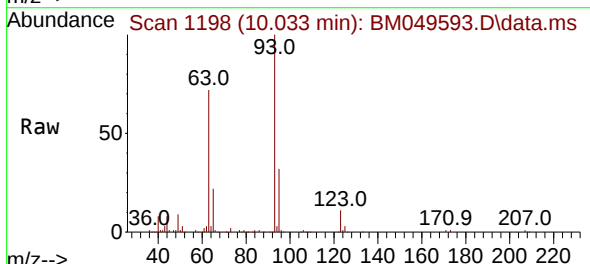
Tgt Ion:122 Resp: 5889
Ion Ratio Lower Upper
122 100
107 114.6 93.2 139.8
121 56.2 44.4 66.6

Manual Integrations
APPROVED

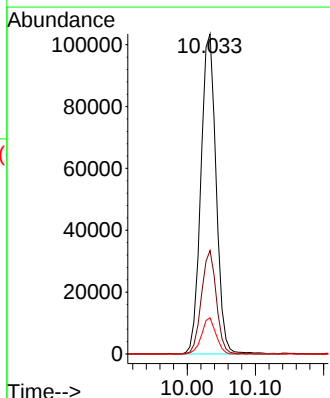
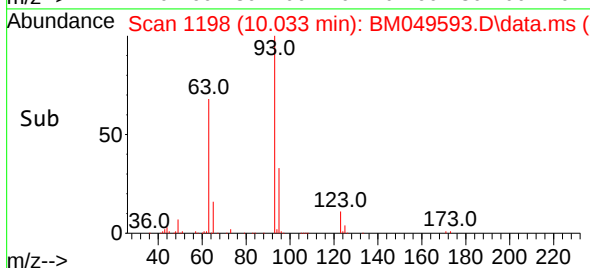
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

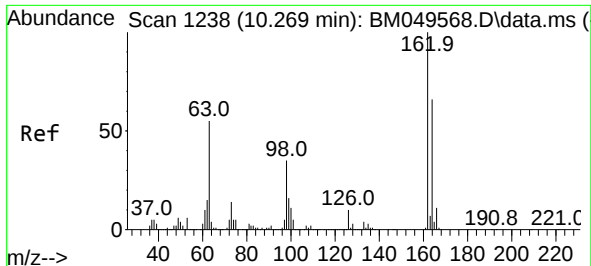


#28
bis(2-Chloroethoxy)methane
Concen: 9.311 ng
RT: 10.033 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13



Tgt Ion: 93 Resp: 160776
Ion Ratio Lower Upper
93 100
95 32.3 25.2 37.8
123 11.3 8.6 12.8





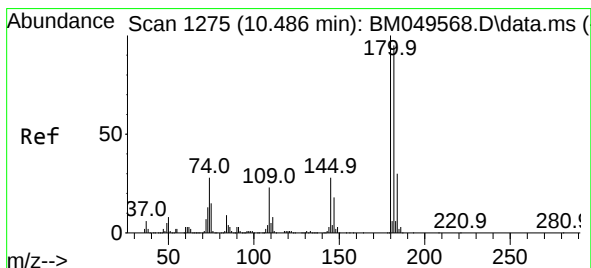
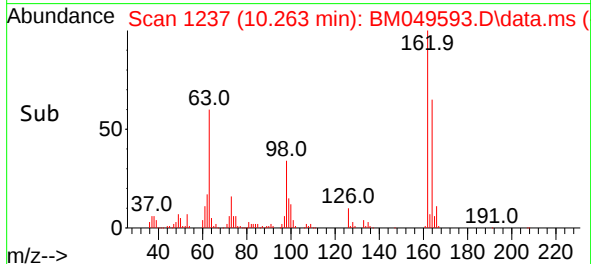
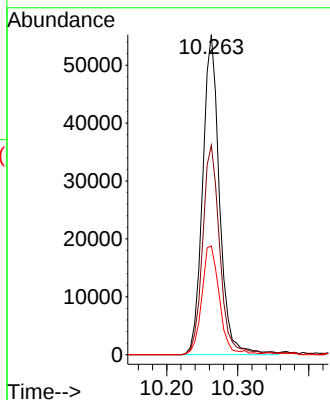
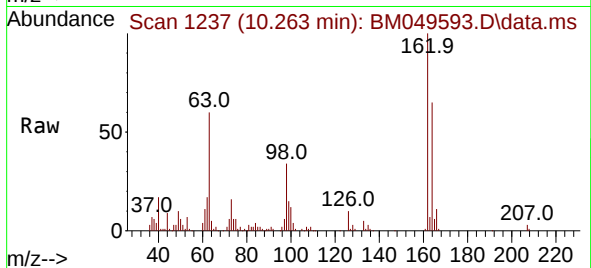
#29
2,4-Dichlorophenol
Concen: 7.832 ng
RT: 10.263 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:162 Resp: 91429
Ion Ratio Lower Upper
162 100
164 65.4 46.0 86.0
98 34.0 14.7 54.7

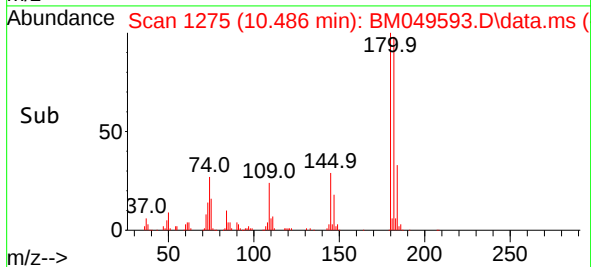
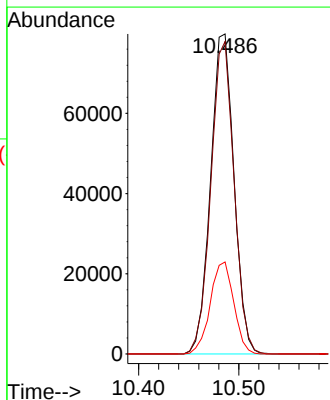
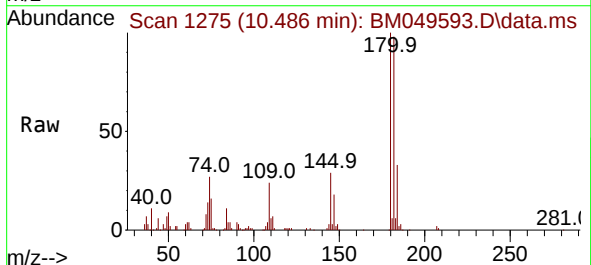
Manual Integrations
APPROVED

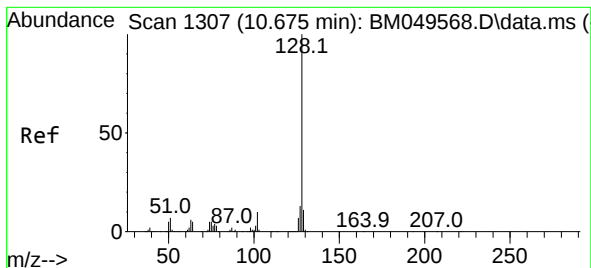
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#30
1,2,4-Trichlorobenzene
Concen: 9.054 ng
RT: 10.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

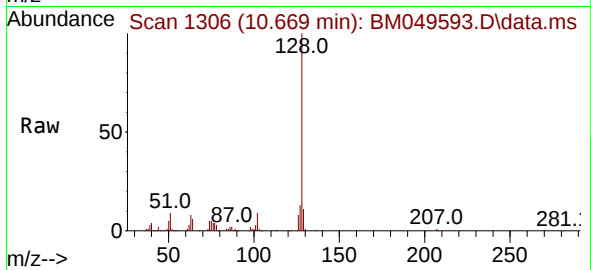
Tgt Ion:180 Resp: 129498
Ion Ratio Lower Upper
180 100
182 97.7 76.4 114.6
145 28.8 22.5 33.7





#31
Naphthalene
Concen: 9.024 ng
RT: 10.669 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

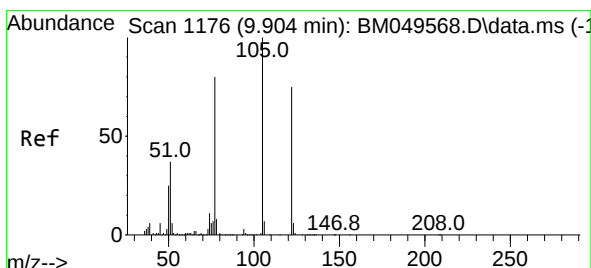
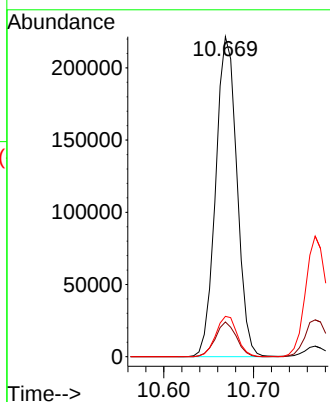
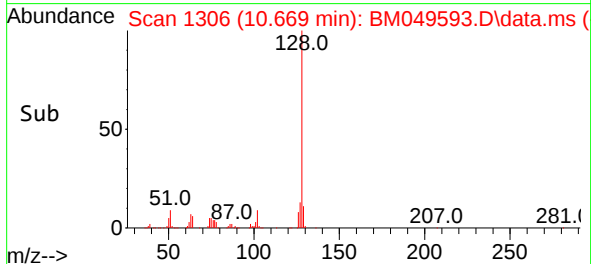
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:128 Resp: 363904
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.6 10.6 15.8

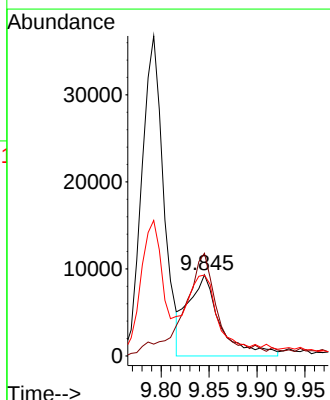
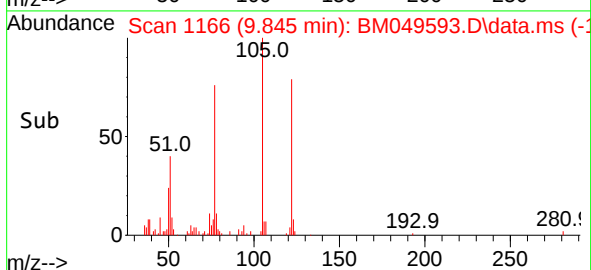
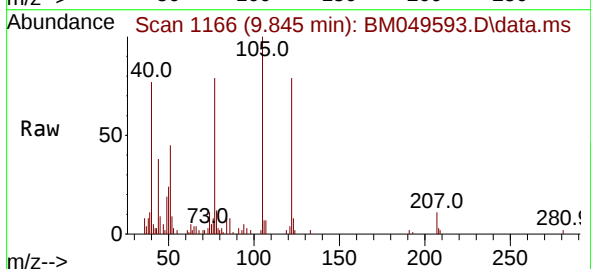
Manual Integrations
APPROVED

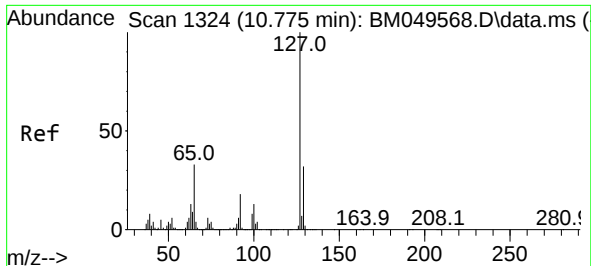
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#32
Benzoic acid
Concen: 10.062 ng m
RT: 9.845 min Scan# 1166
Delta R.T. -0.059 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

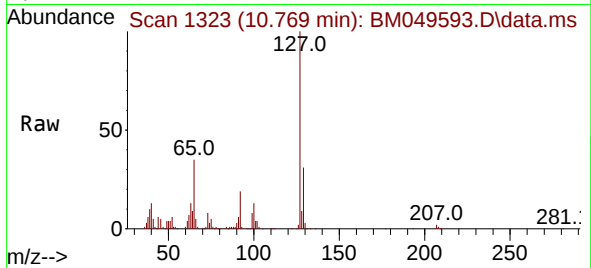
Tgt Ion:122 Resp: 21869
Ion Ratio Lower Upper
122 100
105 126.7 103.6 143.6
77 99.8 82.4 122.4





#33
4-Chloroaniline
Concen: 9.100 ng
RT: 10.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

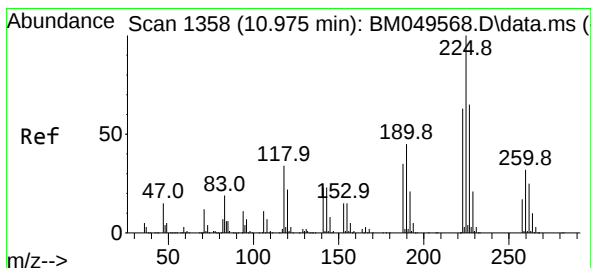
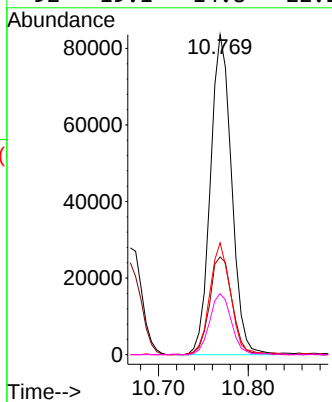
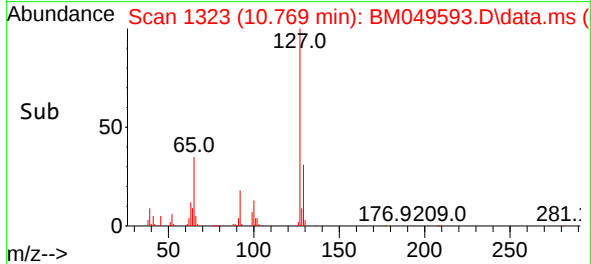
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.8	38.8
65	35.0	26.4	39.6
92	19.1	14.8	22.2

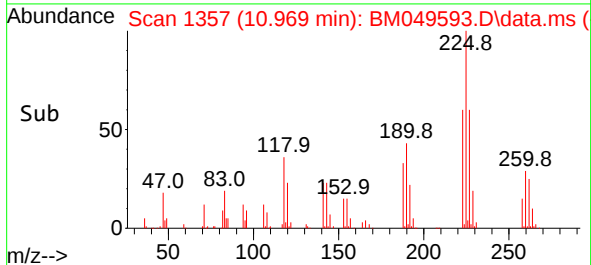
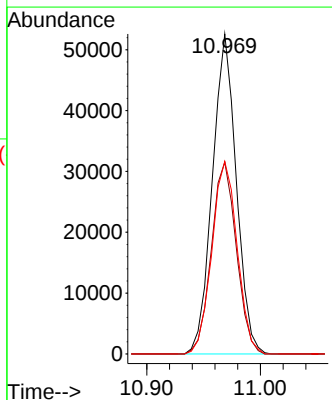
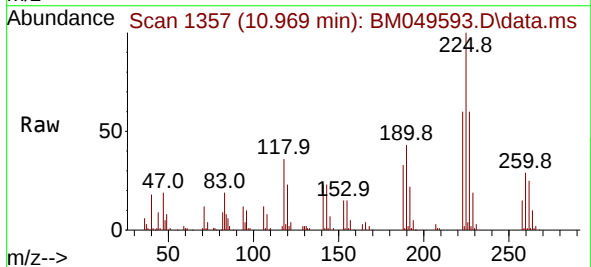
Manual Integrations
APPROVED

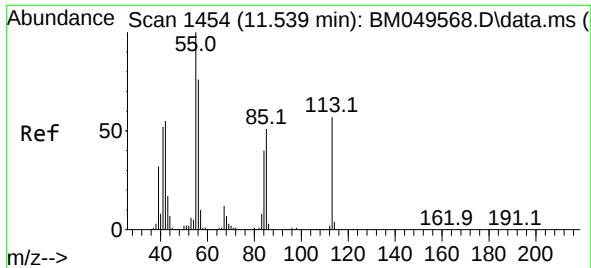
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#34
Hexachlorobutadiene
Concen: 8.970 ng
RT: 10.969 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	50.6	75.8
227	62.3	51.8	77.6





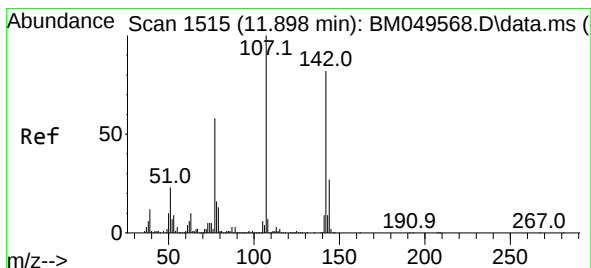
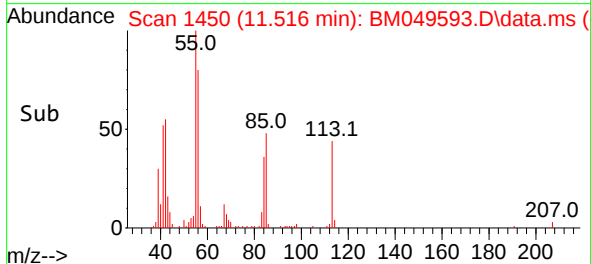
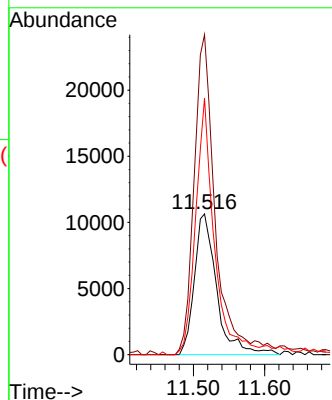
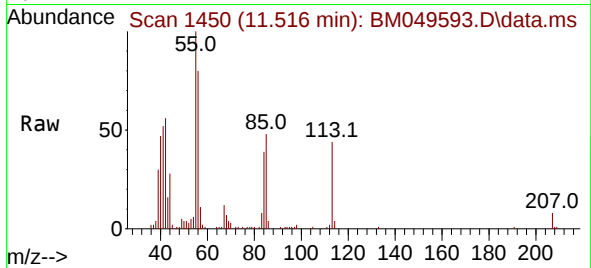
#35
Caprolactam
Concen: 6.504 ng m
RT: 11.516 min Scan# 1450
Delta R.T. -0.024 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:113 Resp: 23164
Ion Ratio Lower Upper
113 100
55 227.3 157.5 197.5
56 182.4 114.6 154.6

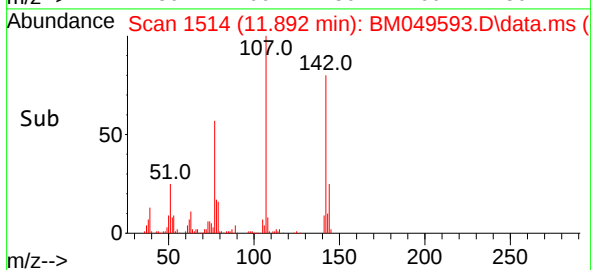
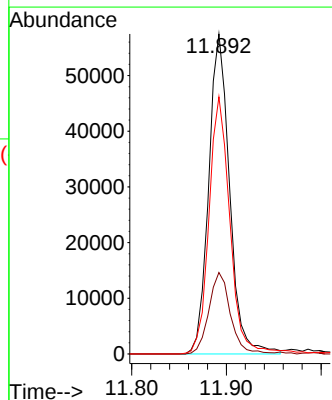
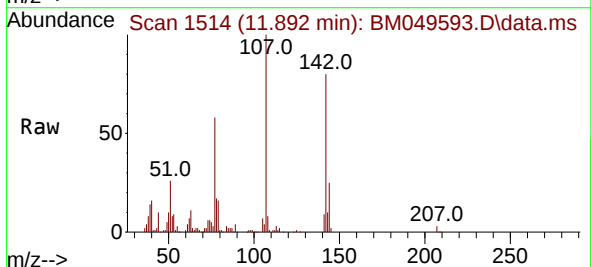
Manual Integrations
APPROVED

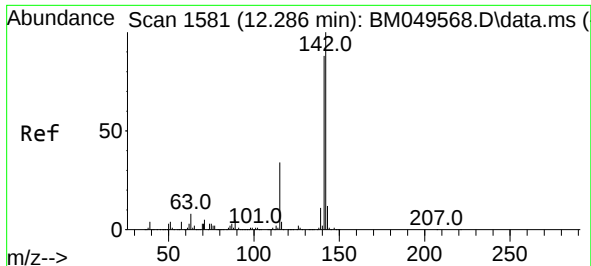
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#36
4-Chloro-3-methylphenol
Concen: 7.574 ng
RT: 11.892 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

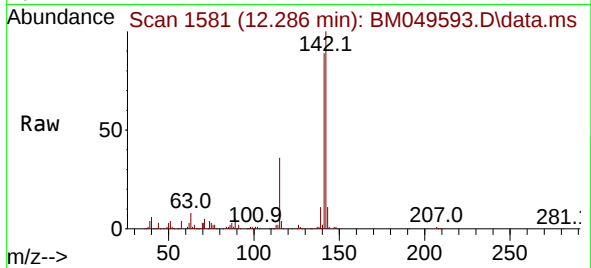
Tgt Ion:107 Resp: 88184
Ion Ratio Lower Upper
107 100
144 25.5 21.2 31.8
142 80.3 65.4 98.2





#37
2-Methylnaphthalene
Concen: 8.578 ng
RT: 12.286 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

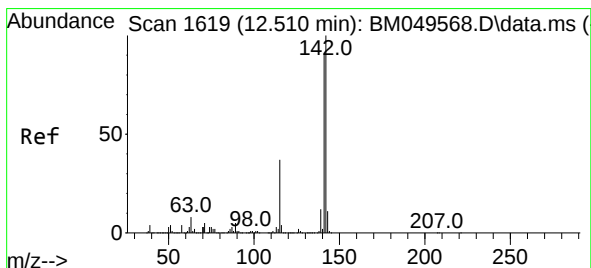
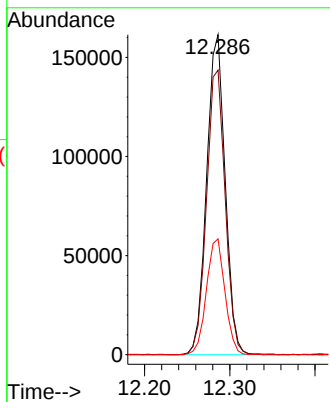
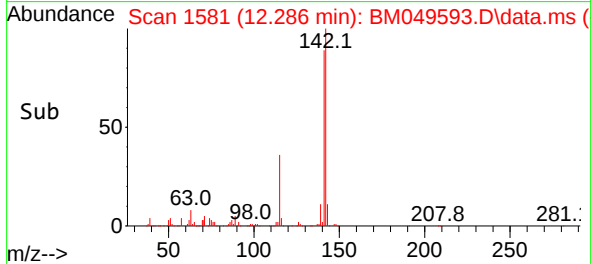
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:142 Resp: 243560
Ion Ratio Lower Upper
142 100
141 88.9 70.2 105.4
115 36.2 27.5 41.3

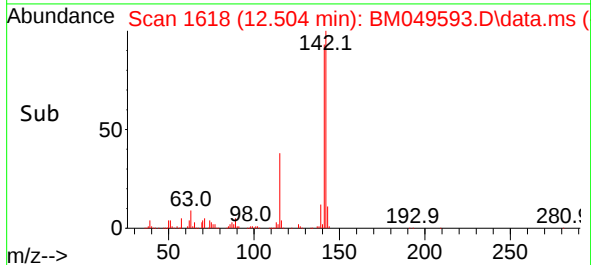
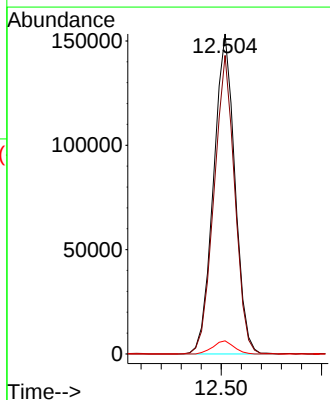
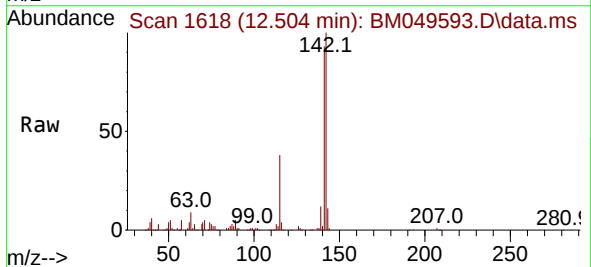
Manual Integrations
APPROVED

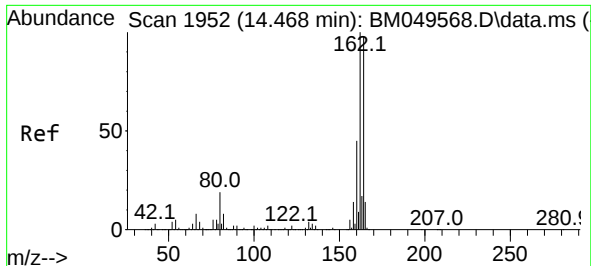
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#38
1-Methylnaphthalene
Concen: 8.200 ng
RT: 12.504 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

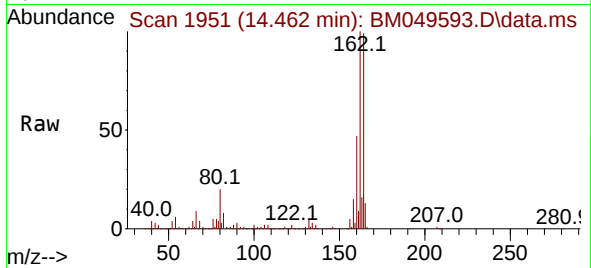
Tgt Ion:142 Resp: 226536
Ion Ratio Lower Upper
142 100
141 93.3 73.1 109.7
116 4.1 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

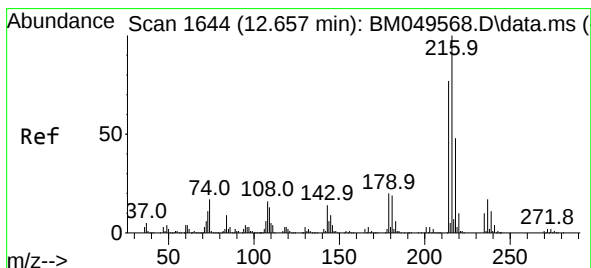
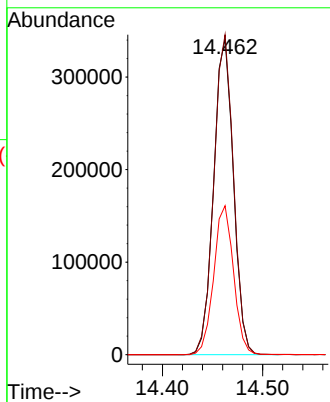
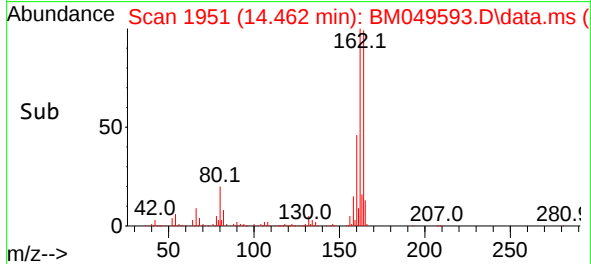
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



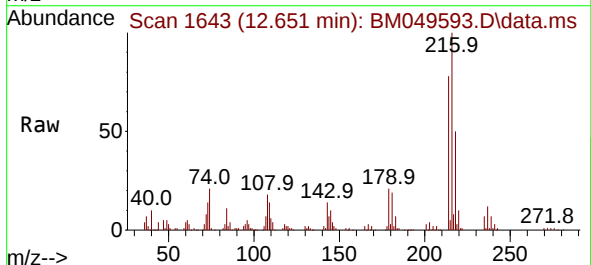
Tgt Ion:164 Resp: 46723
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 47.2 36.2 54.4

Manual Integrations
APPROVED

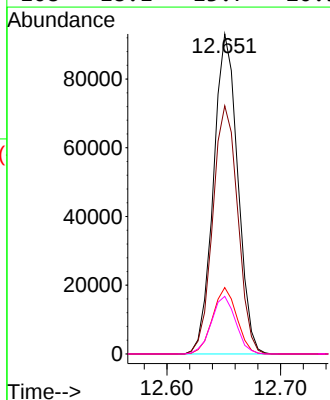
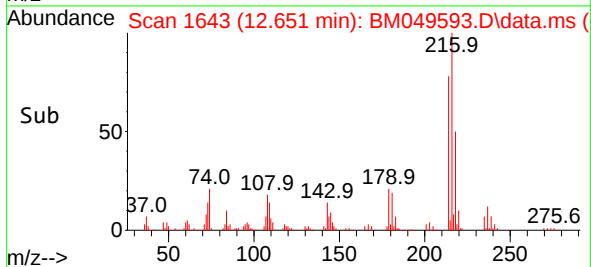
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

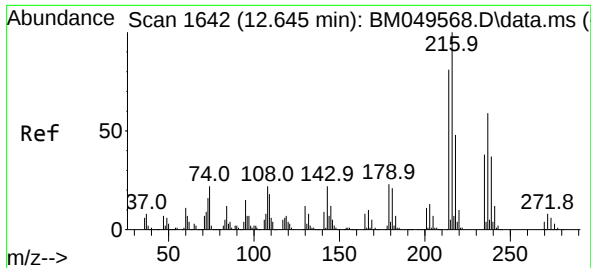


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.008 ng
RT: 12.651 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13



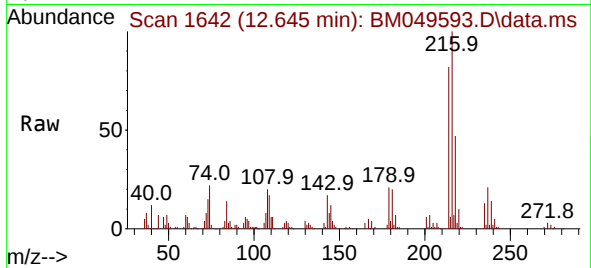
Tgt Ion:216 Resp: 138377
Ion Ratio Lower Upper
216 100
214 79.7 62.4 93.6
179 20.6 16.3 24.5
108 18.1 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 6.171 ng
RT: 12.645 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

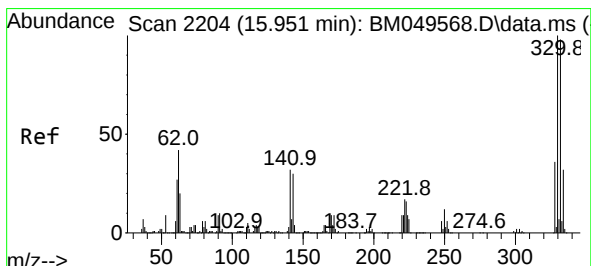
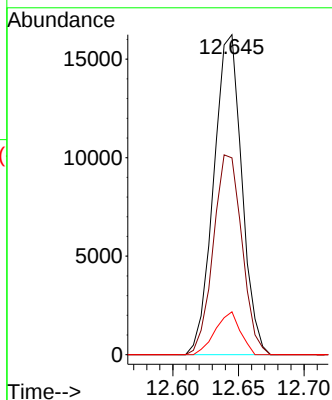
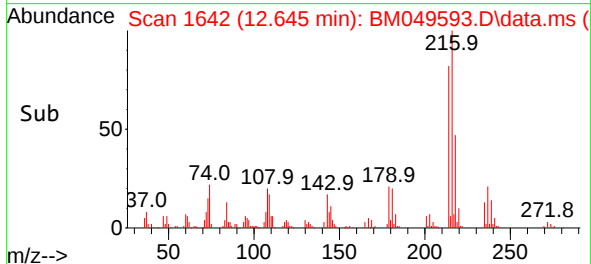
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



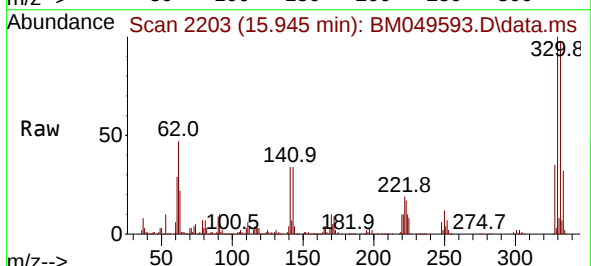
Tgt Ion:237 Resp: 2420
Ion Ratio Lower Upper
237 100
235 61.5 43.8 83.8
272 13.4 0.0 33.5

Manual Integrations
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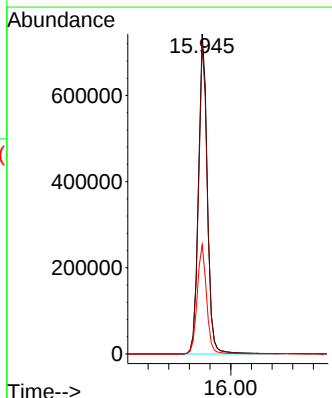
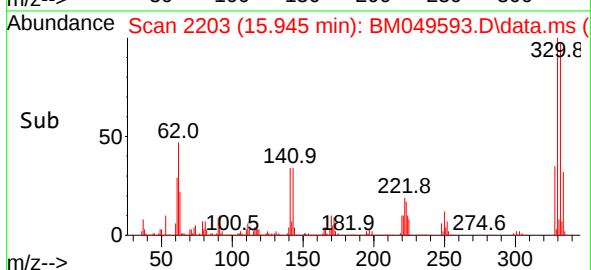
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

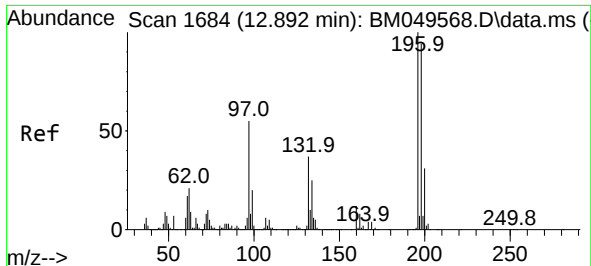


#42
2,4,6-Tribromophenol
Concen: 160.596 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13



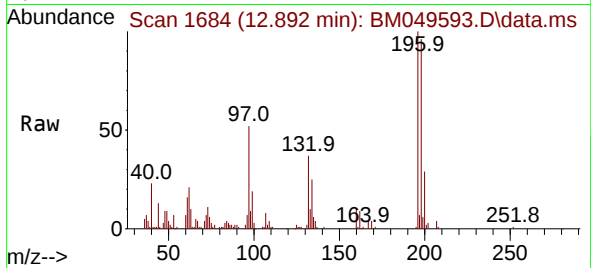
Tgt Ion:330 Resp: 889113
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 36.0 28.2 42.2





#43
2,4,6-Trichlorophenol
Concen: 7.108 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

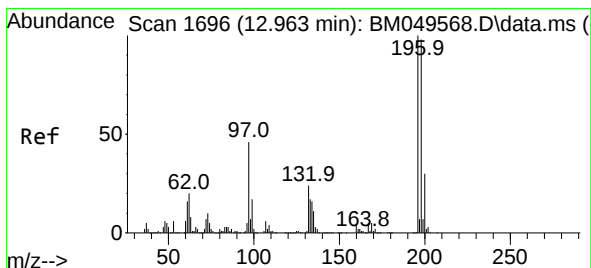
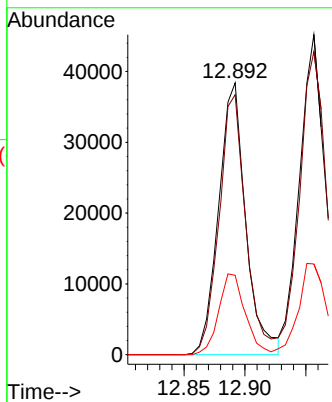
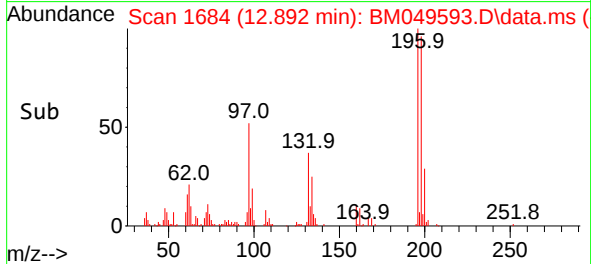
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



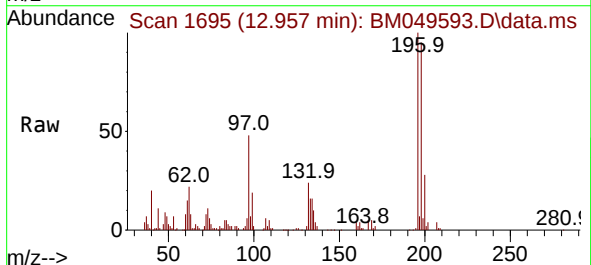
Tgt Ion:196 Resp: 5958
Ion Ratio Lower Upper
196 100
198 95.6 75.4 113.0
200 29.2 25.1 37.7

Manual Integrations
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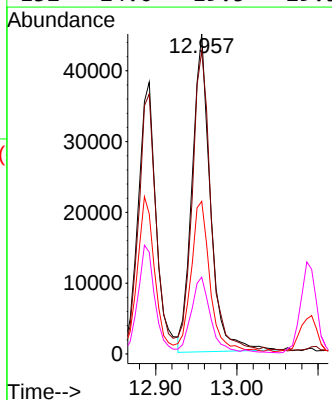
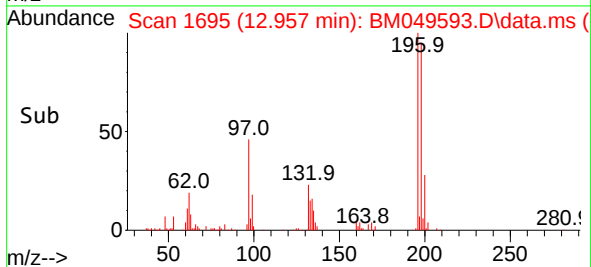
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

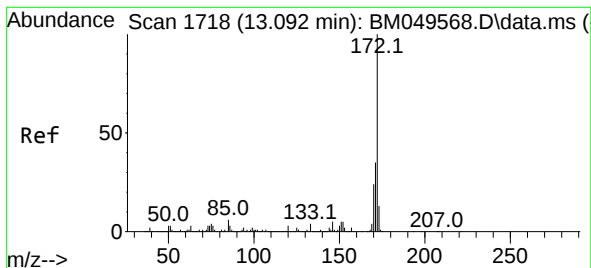


#44
2,4,5-Trichlorophenol
Concen: 7.615 ng
RT: 12.957 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13



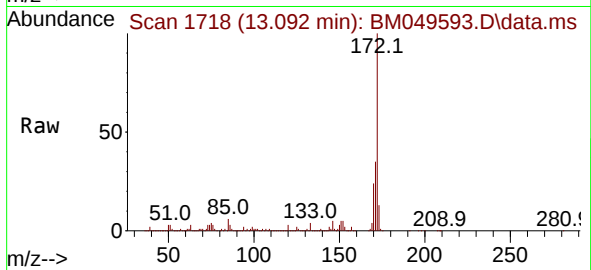
Tgt Ion:196 Resp: 70154
Ion Ratio Lower Upper
196 100
198 94.7 78.4 117.6
97 47.7 37.4 56.0
132 24.0 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 113.431 ng
RT: 13.092 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

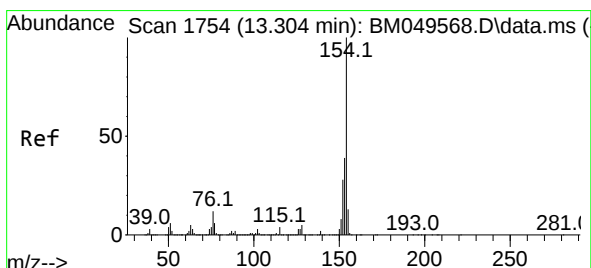
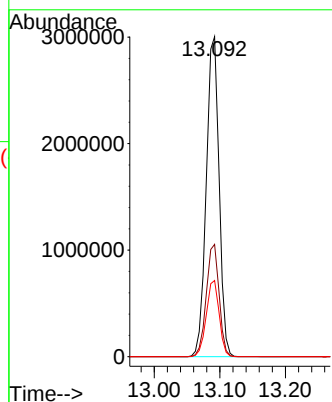
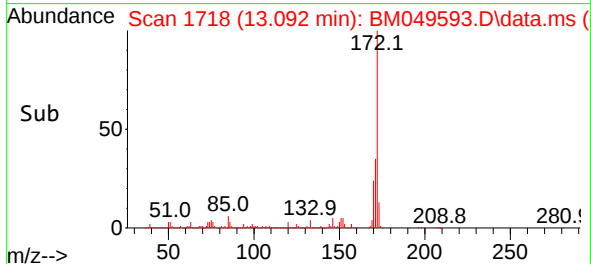
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



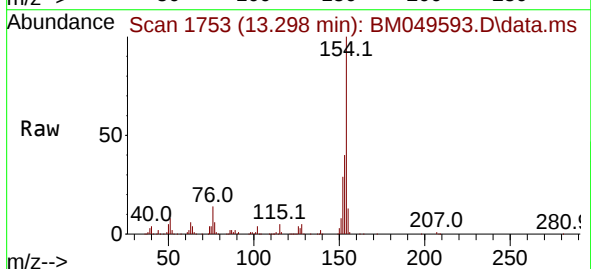
Tgt Ion:172 Resp: 409114
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.8 19.0 28.4

Manual Integrations
APPROVED

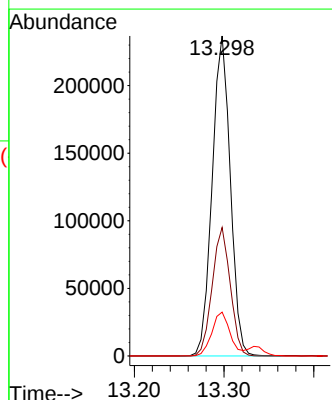
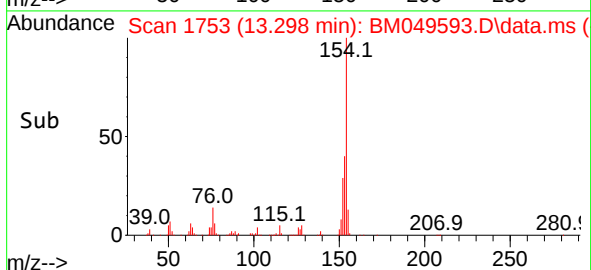
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

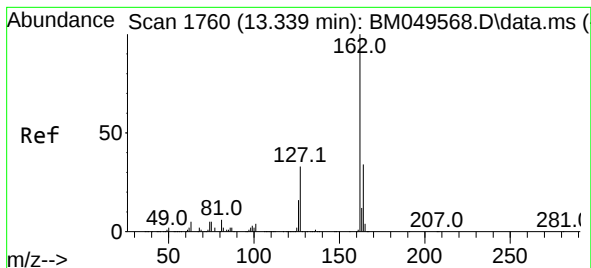


#46
1,1'-Biphenyl
Concen: 9.318 ng
RT: 13.298 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13



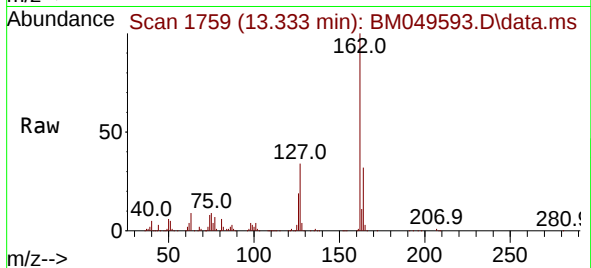
Tgt Ion:154 Resp: 332121
Ion Ratio Lower Upper
154 100
153 40.1 19.5 59.5
76 13.7 0.0 32.1





#47
2-Chloronaphthalene
Concen: 9.320 ng
RT: 13.333 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

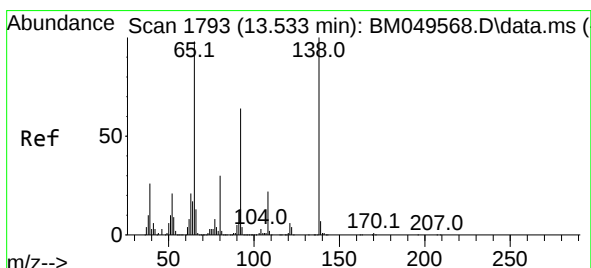
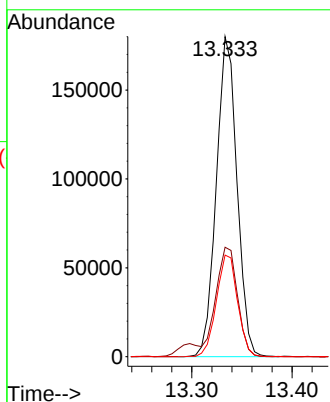
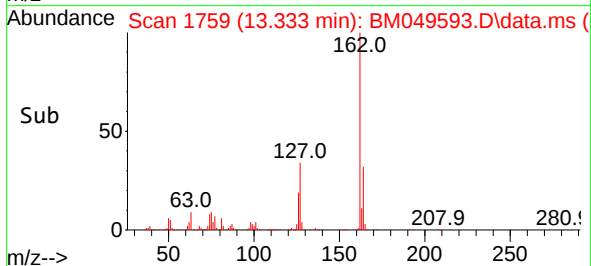
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



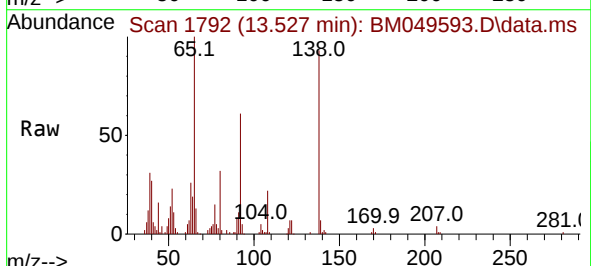
Tgt Ion:162 Resp: 257028
Ion Ratio Lower Upper
162 100
127 34.2 27.9 41.9
164 31.8 26.8 40.2

Manual Integrations
APPROVED

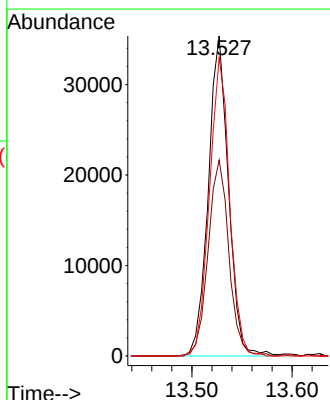
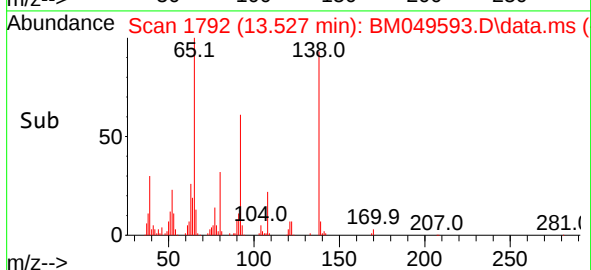
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

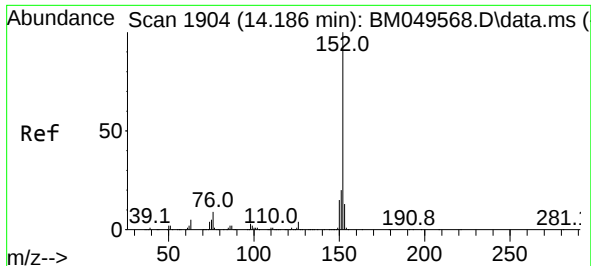


#48
2-Nitroaniline
Concen: 10.338 ng
RT: 13.527 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13



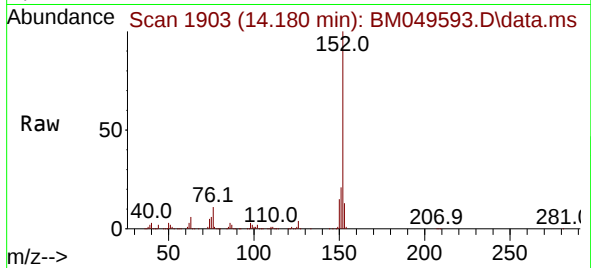
Tgt Ion: 65 Resp: 49406
Ion Ratio Lower Upper
65 100
92 61.2 52.0 78.0
138 93.3 81.6 122.4





#49
Acenaphthylene
Concen: 9.459 ng
RT: 14.180 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

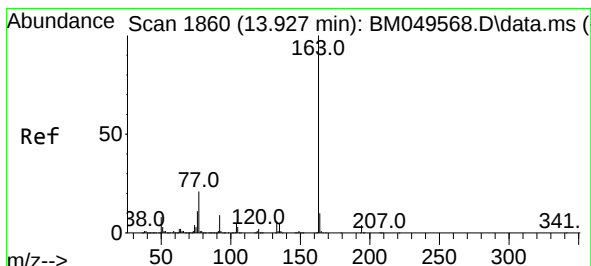
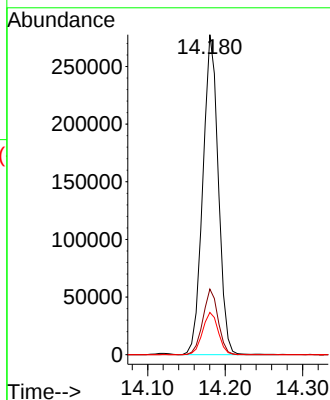
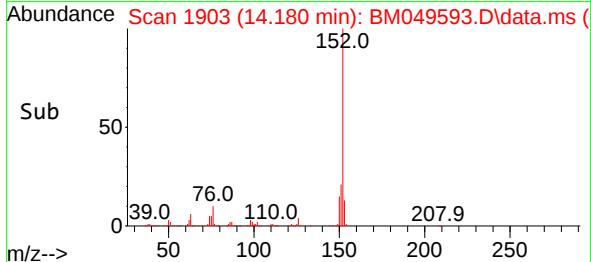
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



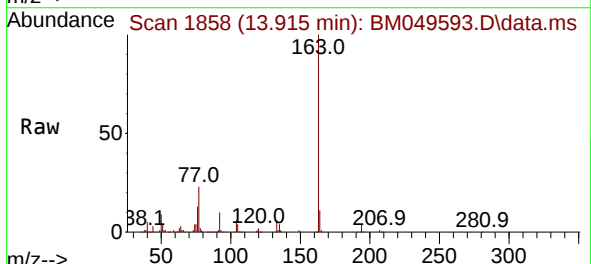
Tgt Ion:152 Resp: 38464
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.2 10.6 16.0

Manual Integrations
APPROVED

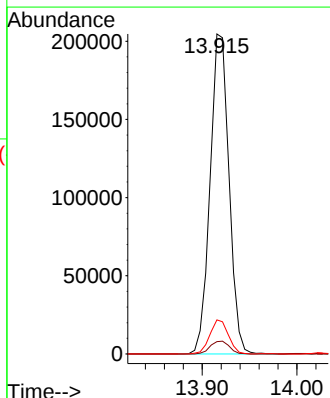
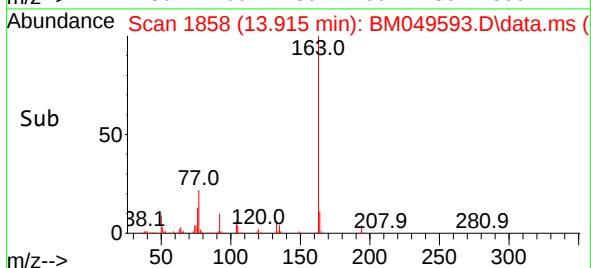
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

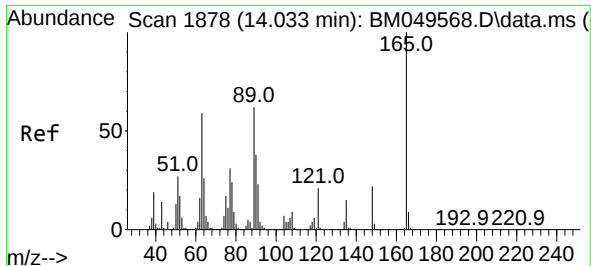


#50
Dimethylphthalate
Concen: 8.449 ng
RT: 13.915 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13



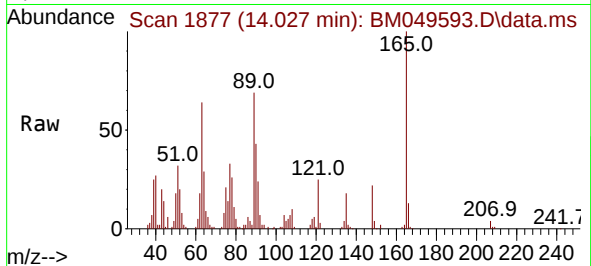
Tgt Ion:163 Resp: 283509
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.7 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 8.220 ng
RT: 14.027 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

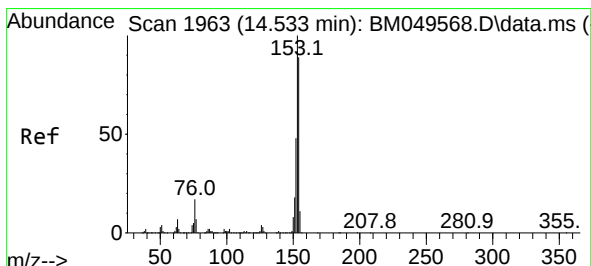
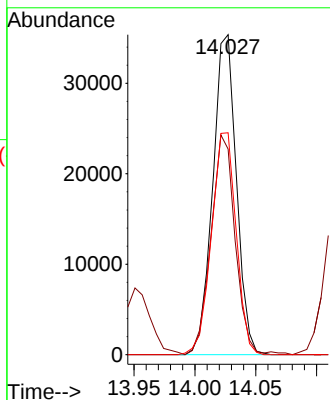
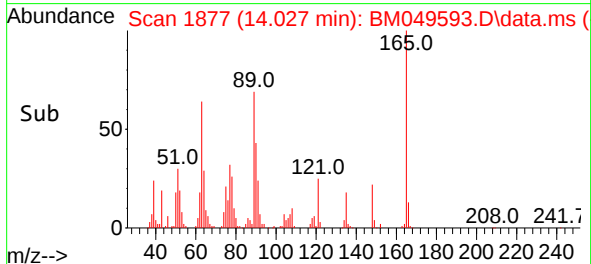
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:165 Resp: 47728
Ion Ratio Lower Upper
165 100
63 64.2 47.8 71.6
89 69.3 49.2 73.8

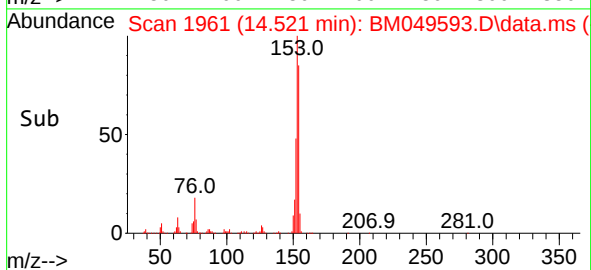
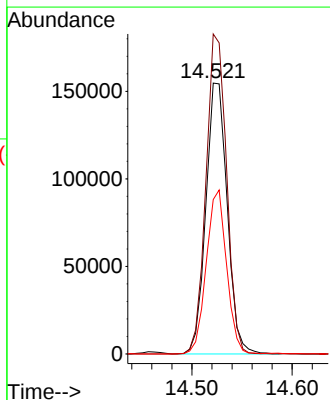
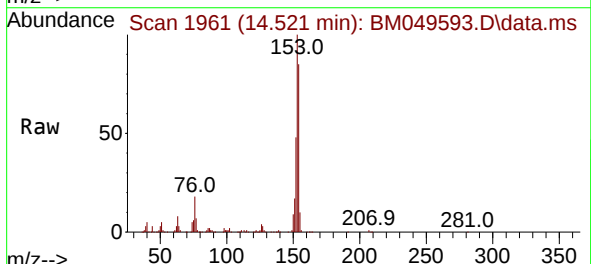
Manual Integrations
APPROVED

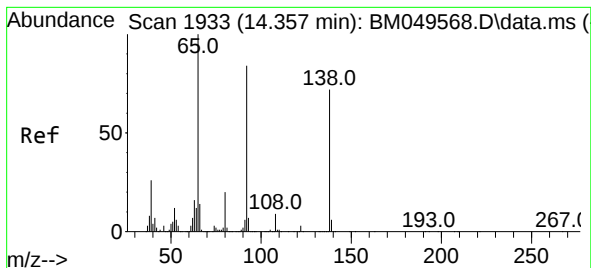
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#52
Acenaphthene
Concen: 8.507 ng
RT: 14.521 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Tgt Ion:154 Resp: 229605
Ion Ratio Lower Upper
154 100
153 118.2 90.0 135.0
152 57.0 43.0 64.4





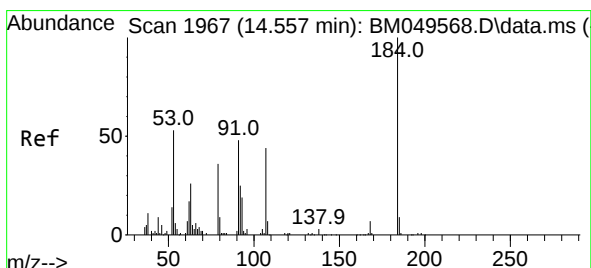
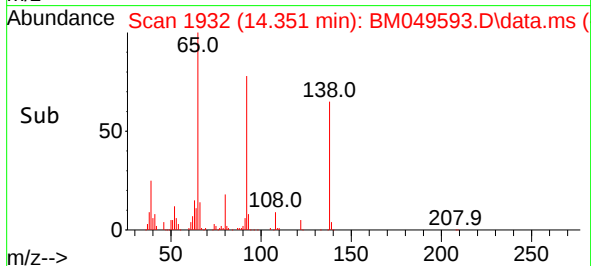
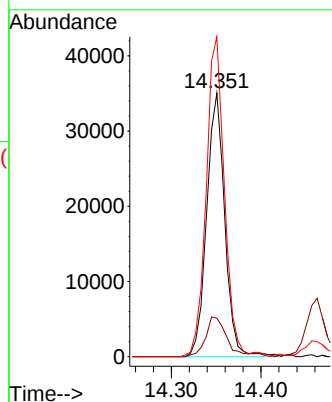
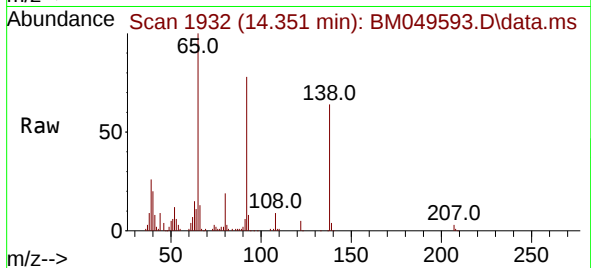
#53
3-Nitroaniline
Concen: 8.298 ng
RT: 14.351 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion:138 Resp: 4905
Ion Ratio Lower Upper
138 100
108 14.6 10.3 15.5
92 121.4 93.6 140.4

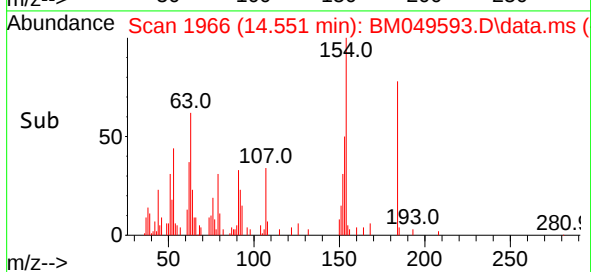
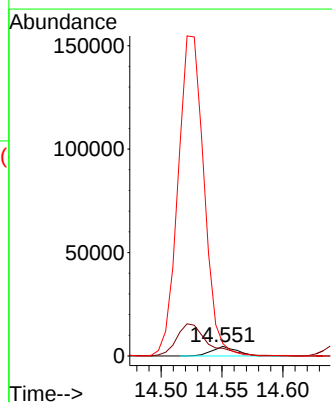
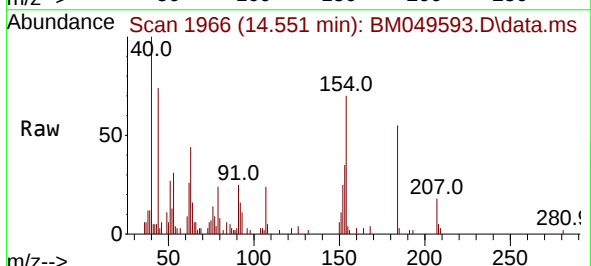
Manual Integrations
APPROVED

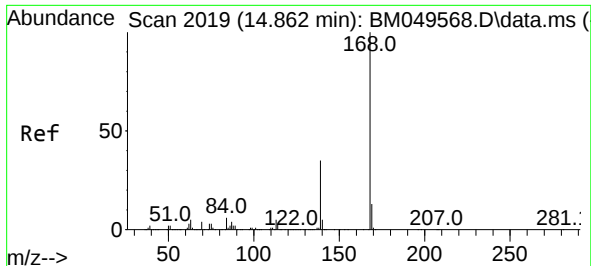
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#54
2,4-Dinitrophenol
Concen: 9.433 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

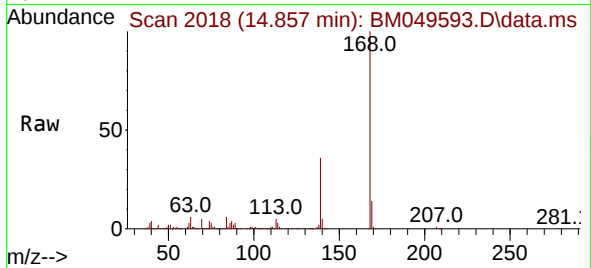
Tgt Ion:184 Resp: 6521
Ion Ratio Lower Upper
184 100
63 80.0 60.2 90.4
154 128.7 78.2 117.4#





#55
Dibenzenofuran
Concen: 8.755 ng
RT: 14.857 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

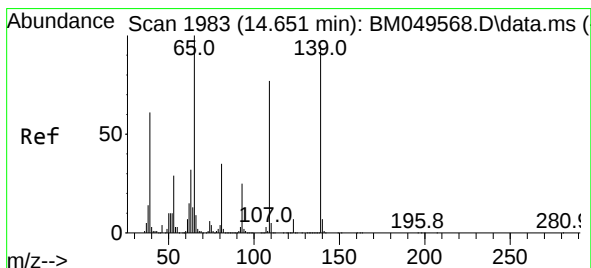
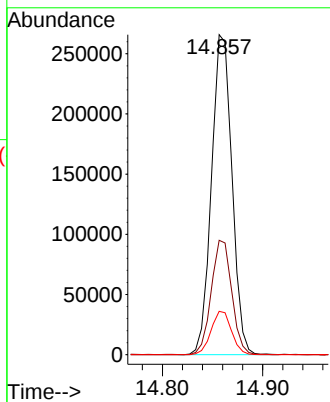
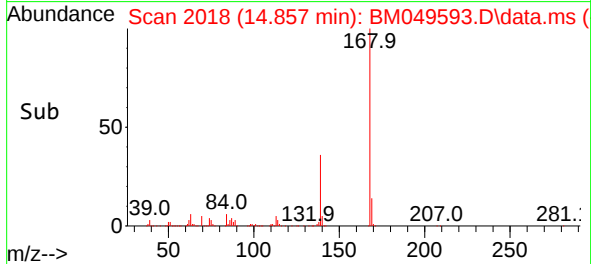
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



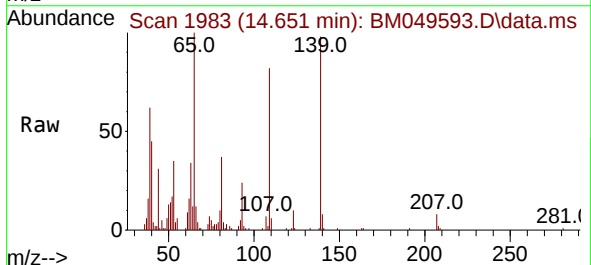
Tgt Ion:168 Resp: 37629
Ion Ratio Lower Upper
168 100
139 35.8 28.4 42.6
169 13.6 10.8 16.2

Manual Integrations
APPROVED

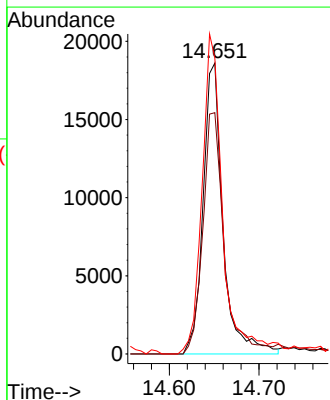
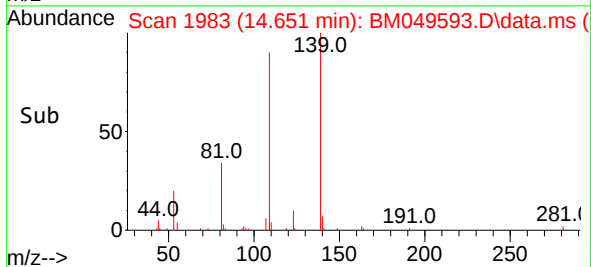
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

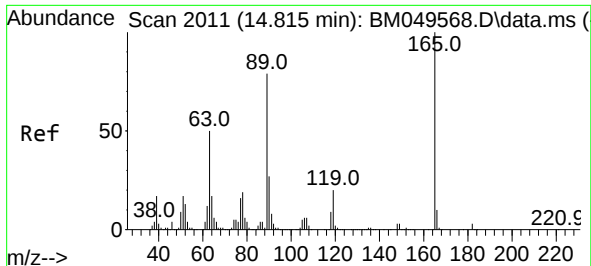


#56
4-Nitrophenol
Concen: 5.751 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13



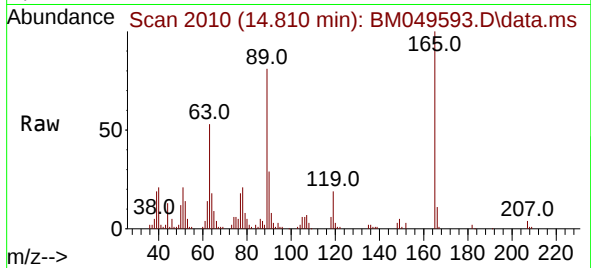
Tgt Ion:139 Resp: 28659
Ion Ratio Lower Upper
139 100
109 83.0 61.4 101.4
65 101.8 85.6 125.6





#57
2,4-Dinitrotoluene
Concen: 10.253 ng
RT: 14.810 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

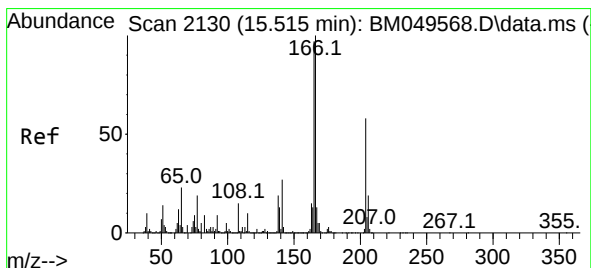
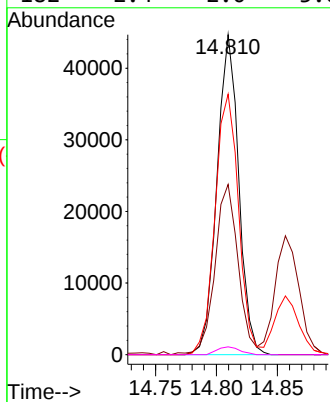
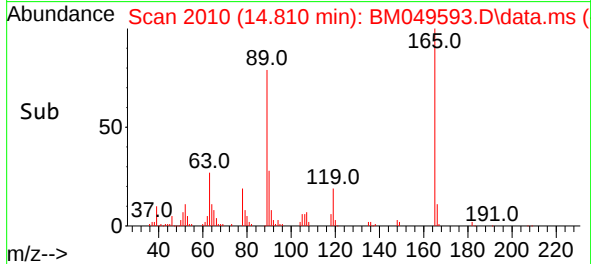
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:165 Resp: 5566
Ion Ratio Lower Upper
165 100
63 53.2 39.8 59.6
89 81.4 63.5 95.3
182 2.4 2.0 3.0

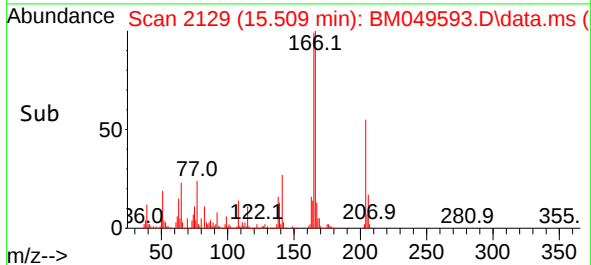
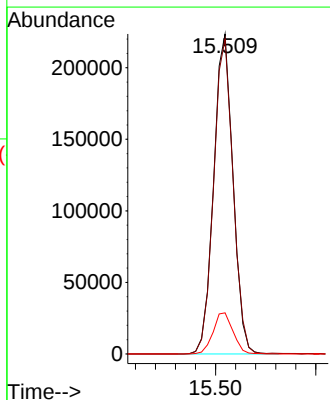
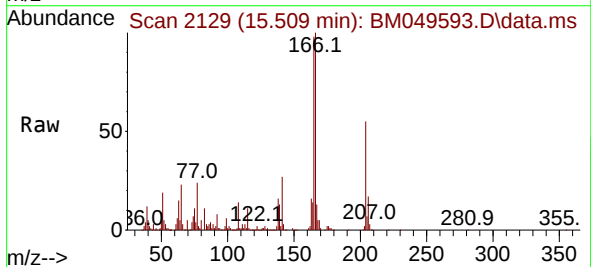
Manual Integrations
APPROVED

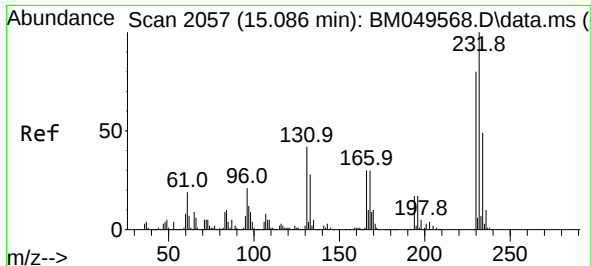
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#58
Fluorene
Concen: 8.137 ng
RT: 15.509 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

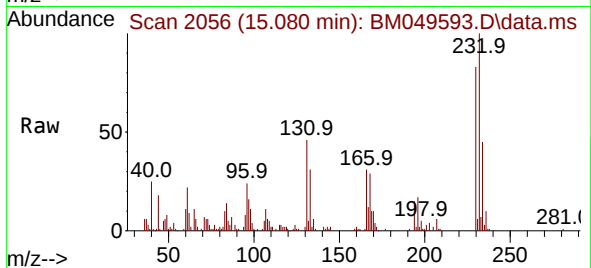
Tgt Ion:166 Resp: 299180
Ion Ratio Lower Upper
166 100
165 98.5 77.7 116.5
167 12.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 6.877 ng
RT: 15.080 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

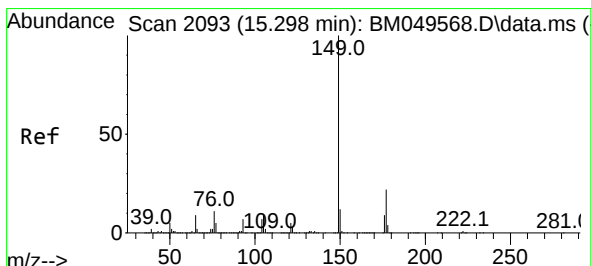
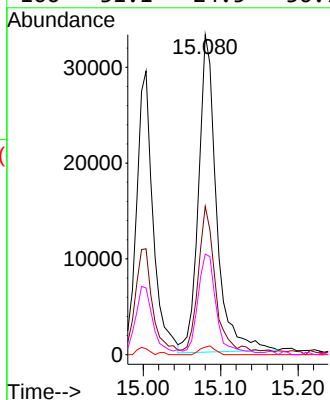
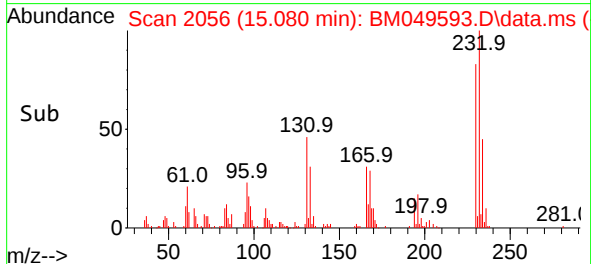
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



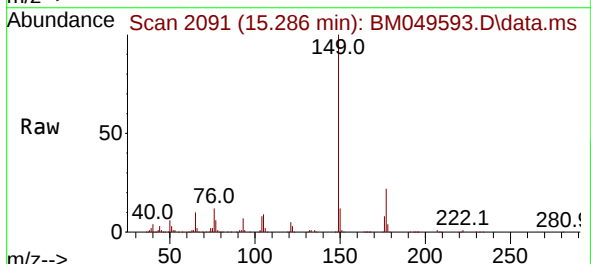
Tgt Ion:232 Resp: 5352
Ion Ratio Lower Upper
232 100
131 44.1 34.5 51.7
130 2.2 1.9 2.9
166 31.1 24.5 36.7

Manual Integrations
APPROVED

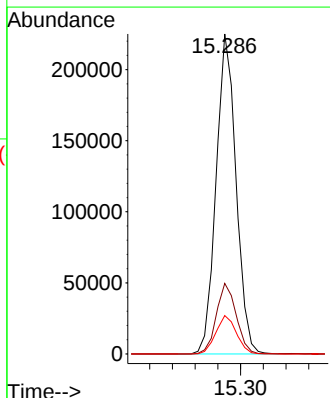
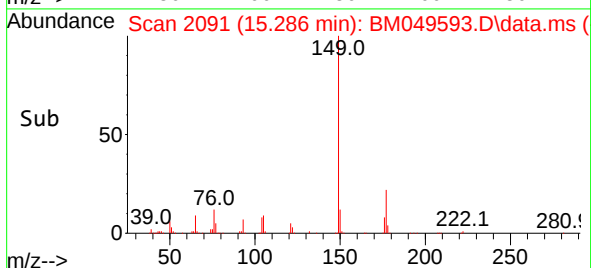
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

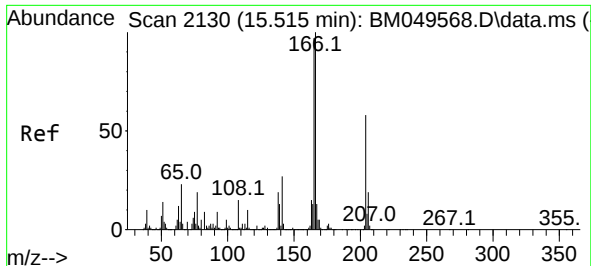


#60
Diethylphthalate
Concen: 8.132 ng
RT: 15.286 min Scan# 2091
Delta R.T. -0.012 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13



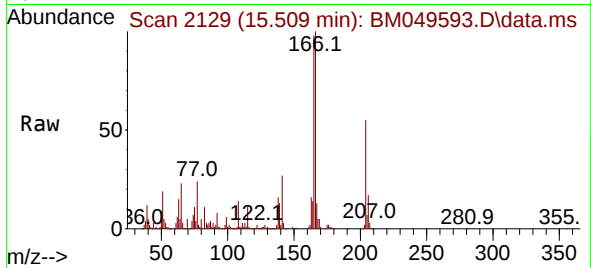
Tgt Ion:149 Resp: 274231
Ion Ratio Lower Upper
149 100
177 22.1 18.0 27.0
150 12.0 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 8.067 ng
RT: 15.509 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

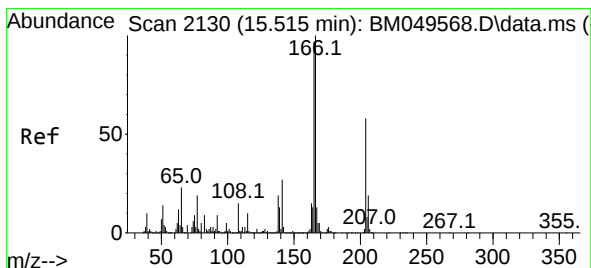
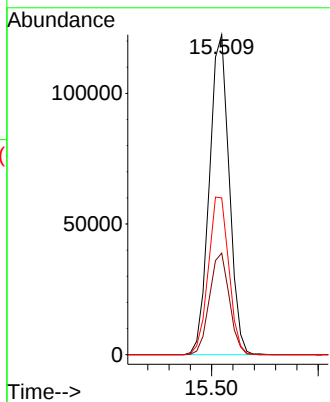
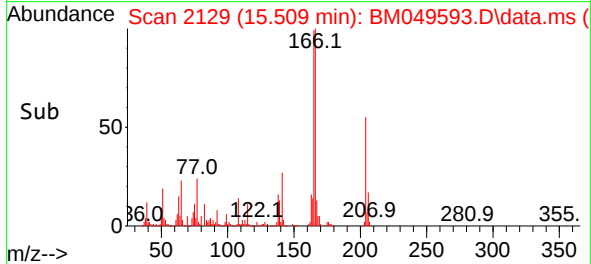
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:204 Resp: 15785
Ion Ratio Lower Upper
204 100
206 31.8 26.0 39.0
141 49.0 37.1 55.7

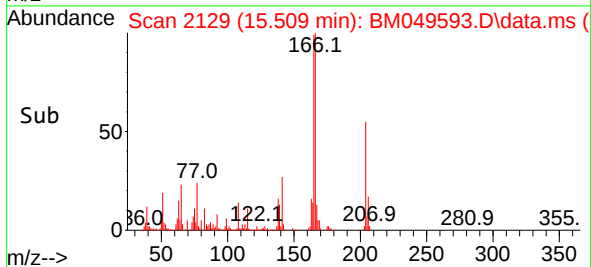
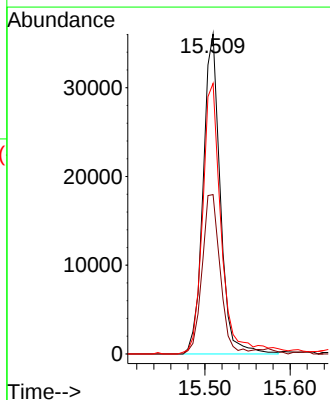
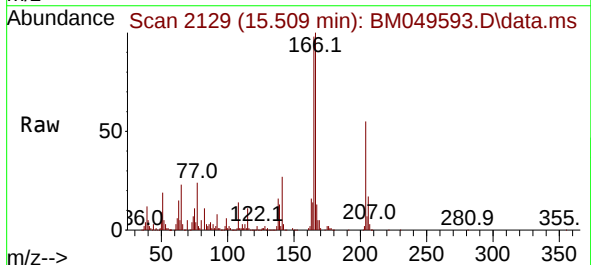
Manual Integrations
APPROVED

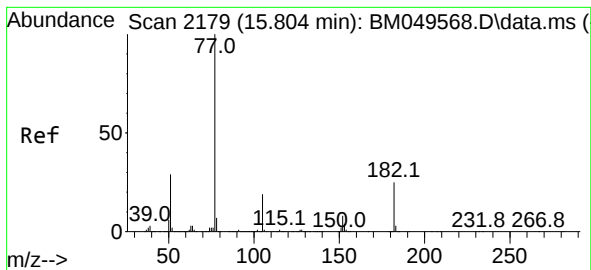
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#62
4-Nitroaniline
Concen: 10.225 ng
RT: 15.509 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

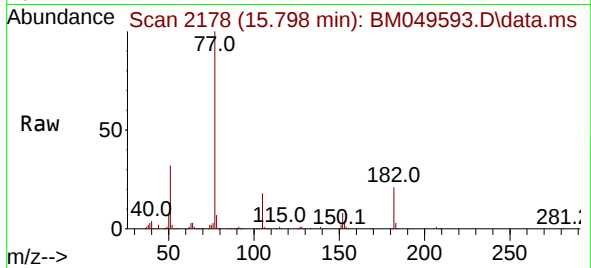
Tgt Ion:138 Resp: 50434
Ion Ratio Lower Upper
138 100
92 49.8 29.3 69.3
108 84.6 60.1 100.1





#63
Azobenzene
Concen: 8.924 ng
RT: 15.798 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

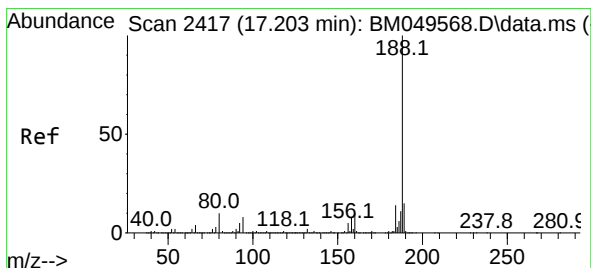
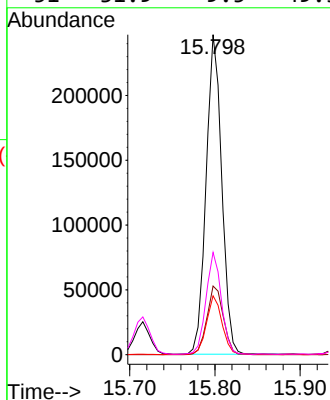
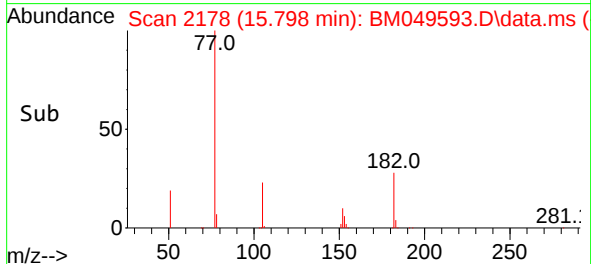
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 77 Resp: 31411
Ion Ratio Lower Upper
77 100
182 21.5 4.7 44.7
105 18.4 0.0 39.3
51 31.9 9.5 49.5

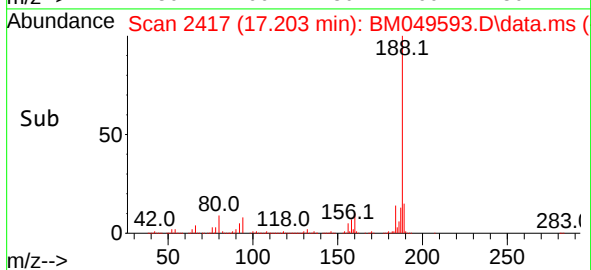
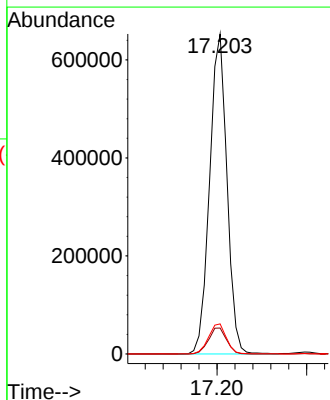
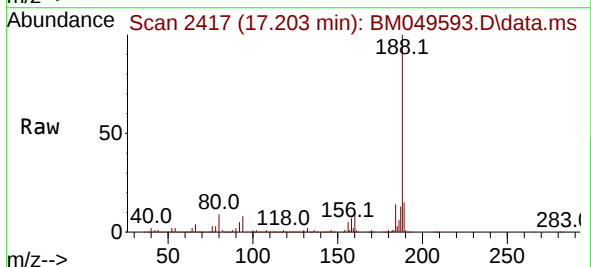
Manual Integrations
APPROVED

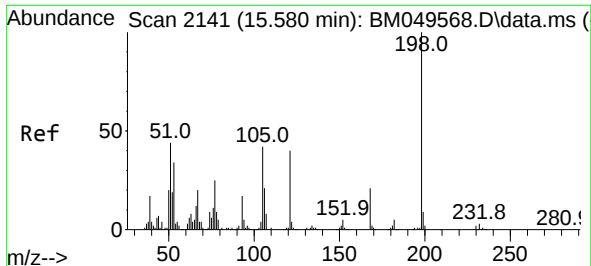
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

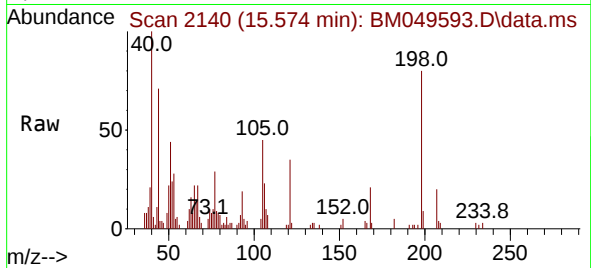
Tgt Ion:188 Resp: 875328
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.4 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 9.328 ng
RT: 15.574 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

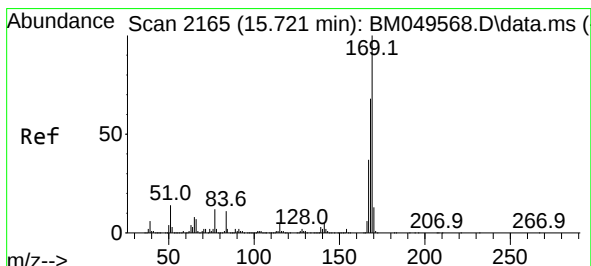
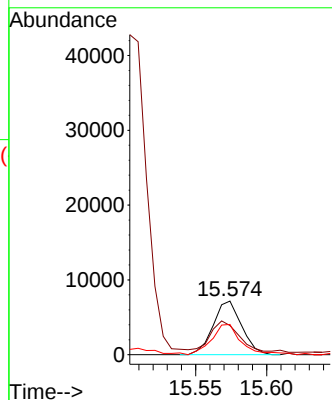
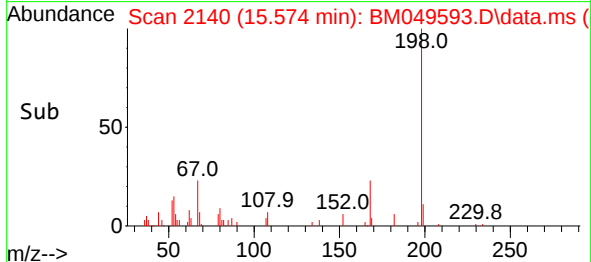
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



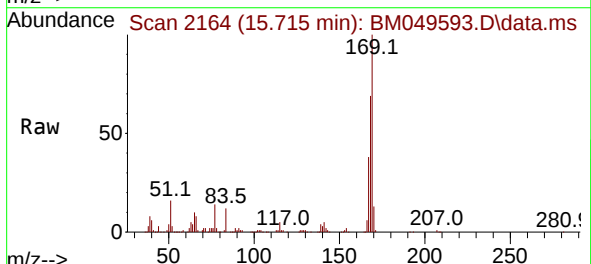
Tgt Ion:198 Resp: 997
Ion Ratio Lower Upper
198 100
51 54.3 26.9 66.9
105 56.7 22.8 62.8

Manual Integrations
APPROVED

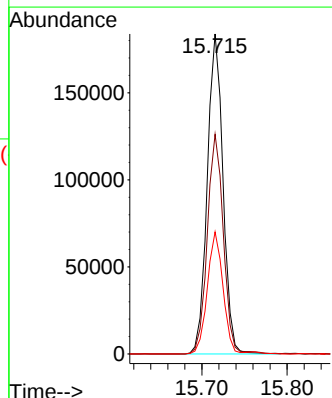
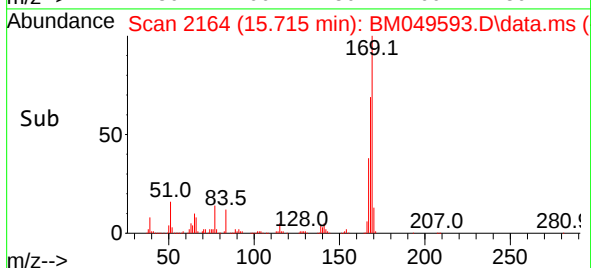
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

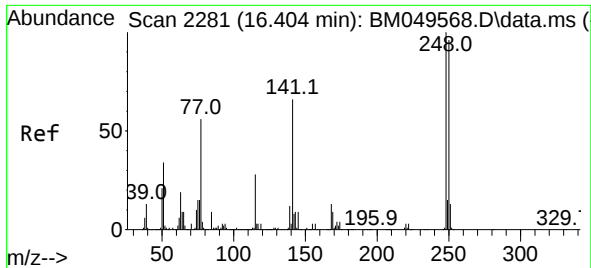


#66
n-Nitrosodiphenylamine
Concen: 8.531 ng
RT: 15.715 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13



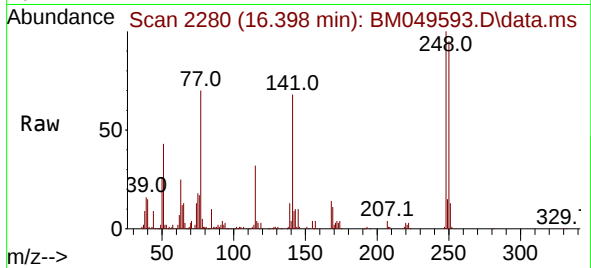
Tgt Ion:169 Resp: 235502
Ion Ratio Lower Upper
169 100
168 68.7 54.2 81.4
167 38.2 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 8.363 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

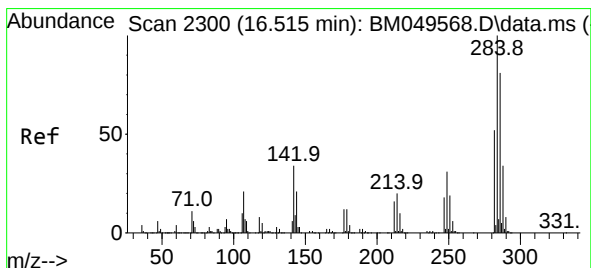
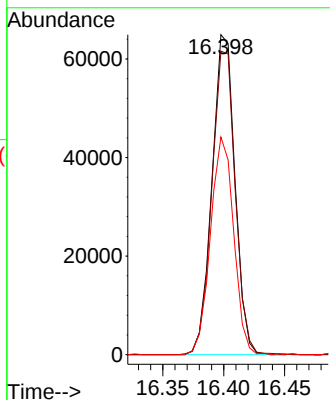
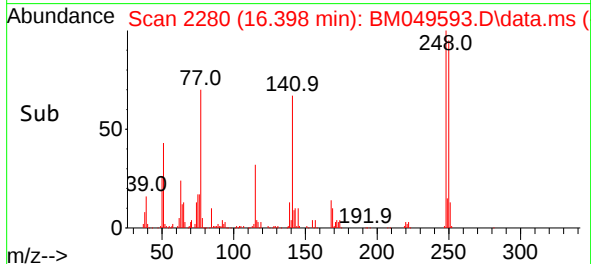
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



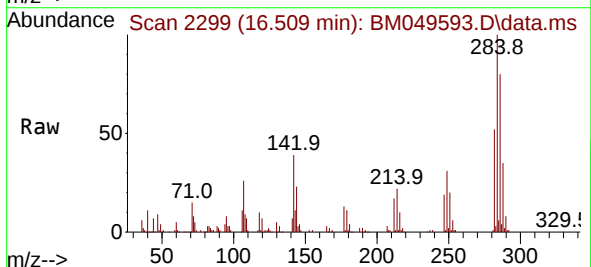
Tgt Ion:248 Resp: 8504
Ion Ratio Lower Upper
248 100
250 94.8 77.0 115.4
141 68.0 53.0 79.4

Manual Integrations
APPROVED

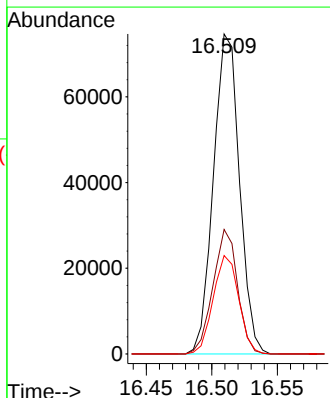
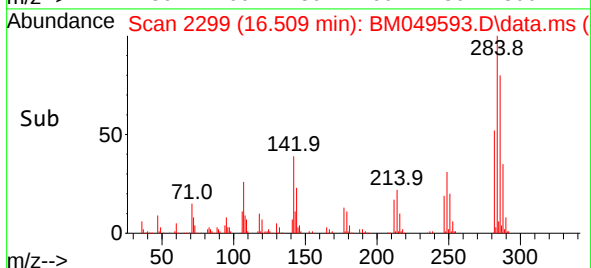
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

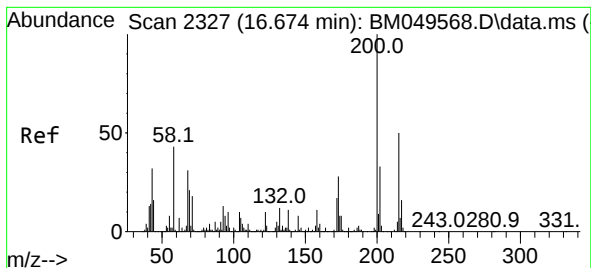


#68
Hexachlorobenzene
Concen: 8.822 ng
RT: 16.509 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13



Tgt Ion:284 Resp: 102971
Ion Ratio Lower Upper
284 100
142 38.9 27.1 40.7
249 30.8 24.6 36.8





#69

Atrazine

Concen: 8.282 ng

RT: 16.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049593.D

Acq: 07 Feb 2025 00:13

Instrument :

BNA_M

ClientSampleId :

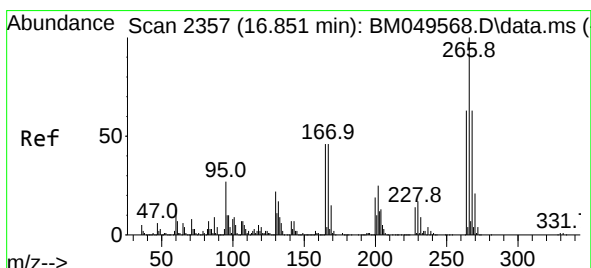
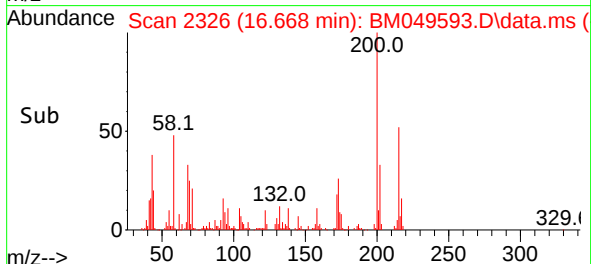
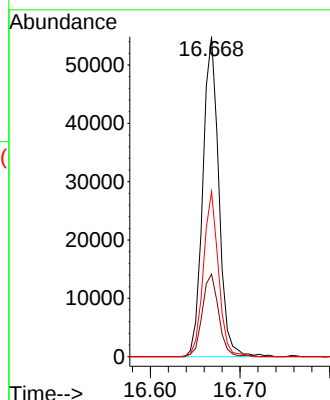
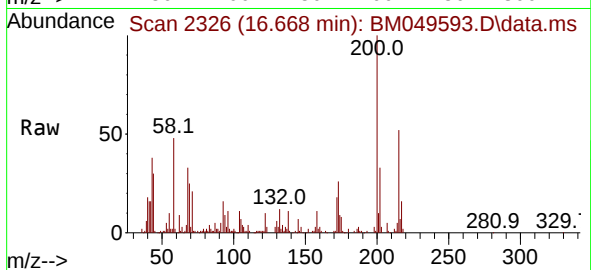
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:200 Resp: 67959
 Ion Ratio Lower Upper
 200 100
 173 25.8 7.6 47.6
 215 51.6 30.2 70.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025



#70

Pentachlorophenol

Concen: 11.373 ng

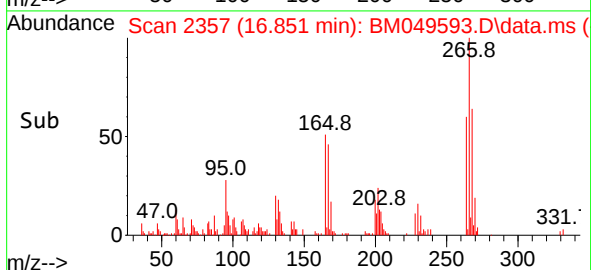
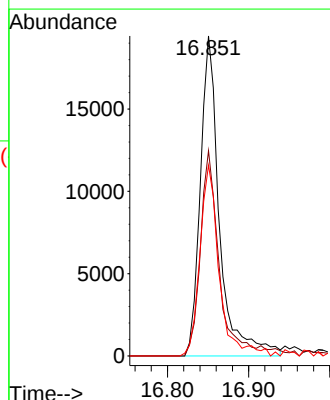
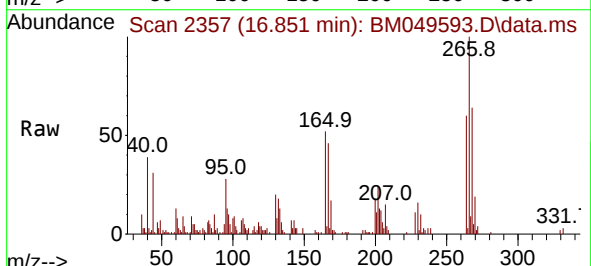
RT: 16.851 min Scan# 2357

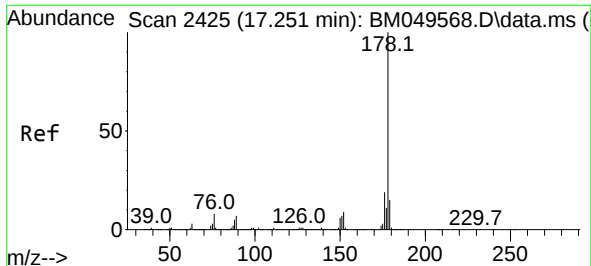
Delta R.T. -0.000 min

Lab File: BM049593.D

Acq: 07 Feb 2025 00:13

Tgt Ion:266 Resp: 31909
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.8 76.2
 264 59.6 50.0 75.0





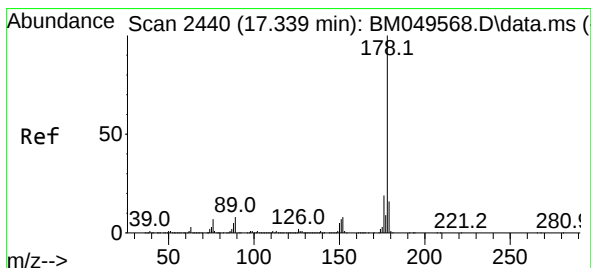
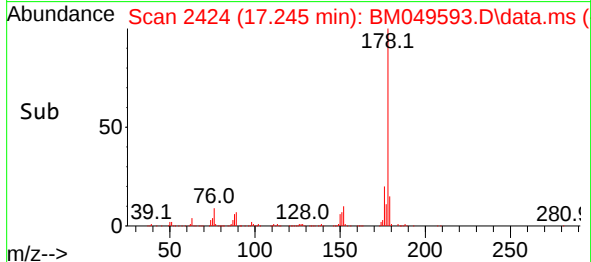
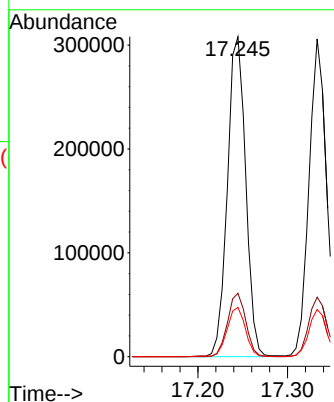
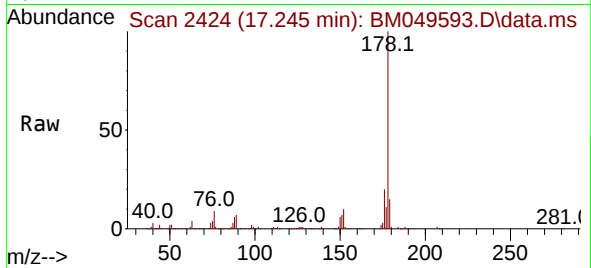
#71
Phenanthrene
Concen: 8.752 ng
RT: 17.245 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:178 Resp: 436419
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.4 12.2 18.2

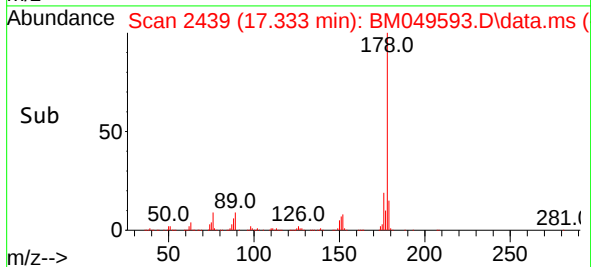
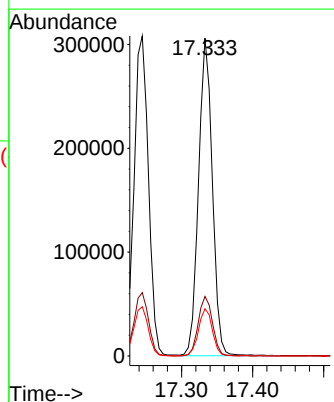
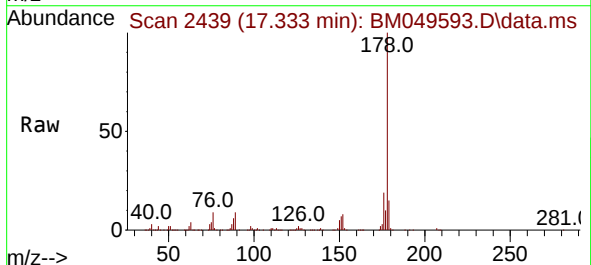
Manual Integrations
APPROVED

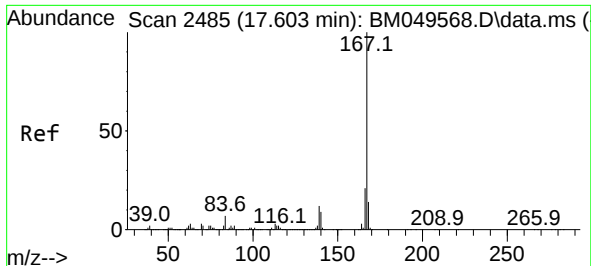
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#72
Anthracene
Concen: 8.405 ng
RT: 17.333 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

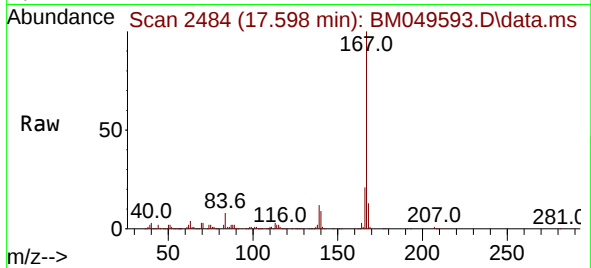
Tgt Ion:178 Resp: 415009
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 14.8 12.4 18.6





#73
 Carbazole
 Concen: 8.724 ng
 RT: 17.598 min Scan# 2484
 Delta R.T. -0.006 min
 Lab File: BM049593.D
 Acq: 07 Feb 2025 00:13

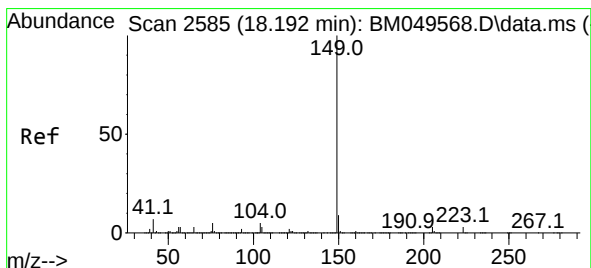
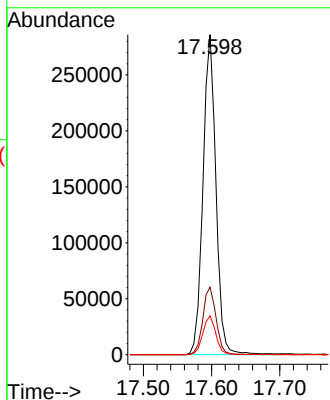
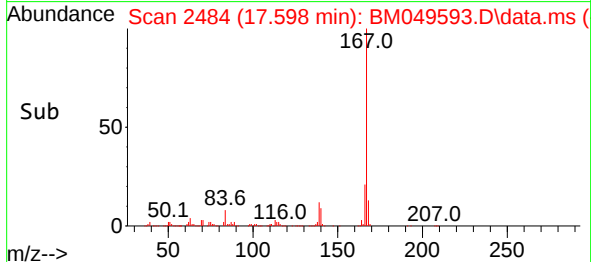
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT1-2025



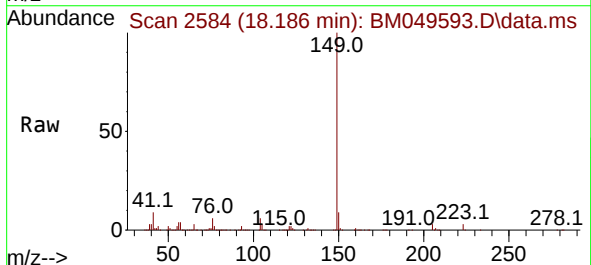
Tgt Ion:167 Resp: 378078
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.1 9.6 14.4

Manual Integrations
 APPROVED

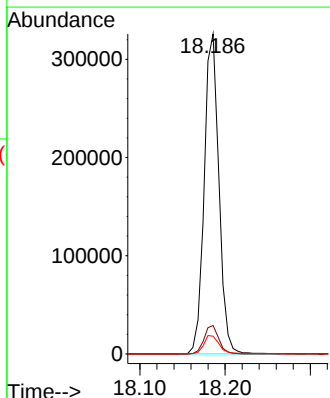
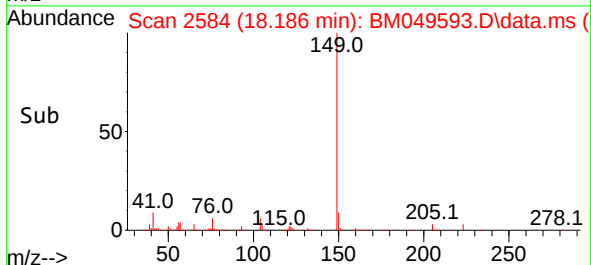
Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

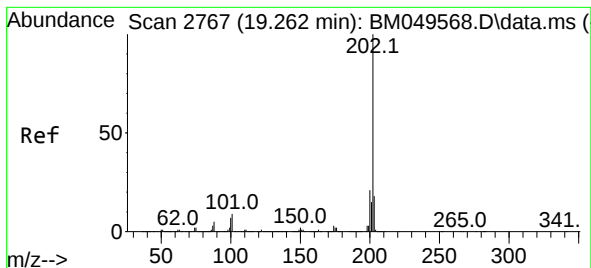


#74
 Di-n-butylphthalate
 Concen: 7.094 ng
 RT: 18.186 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BM049593.D
 Acq: 07 Feb 2025 00:13



Tgt Ion:149 Resp: 390108
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.5 4.1 6.1





#75

Fluoranthene

Concen: 7.792 ng

RT: 19.256 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049593.D

Acq: 07 Feb 2025 00:13

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:202 Resp: 454918

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.1

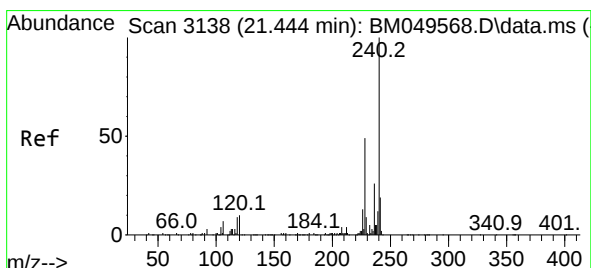
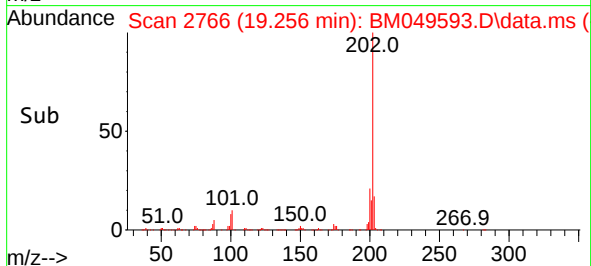
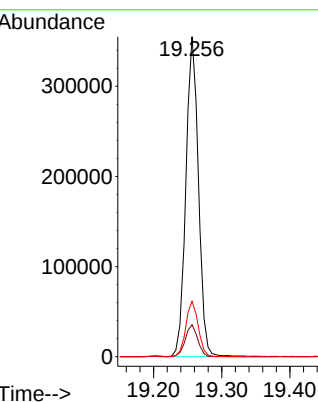
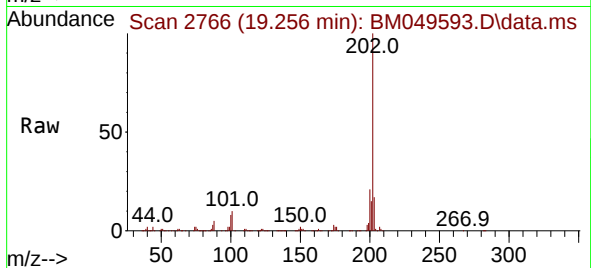
203 17.3 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BM049593.D

Acq: 07 Feb 2025 00:13

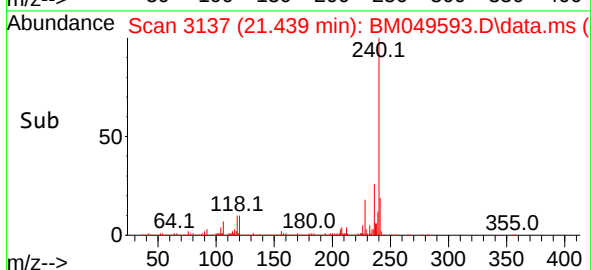
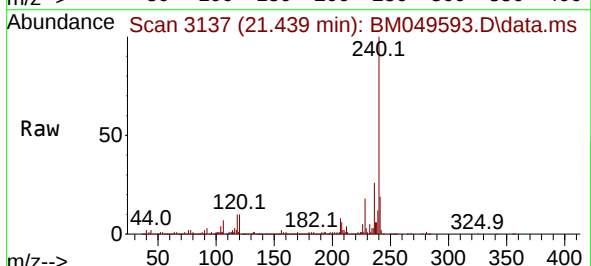
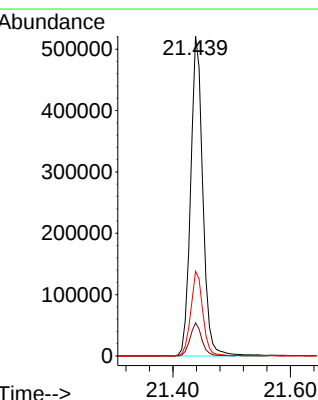
Tgt Ion:240 Resp: 750846

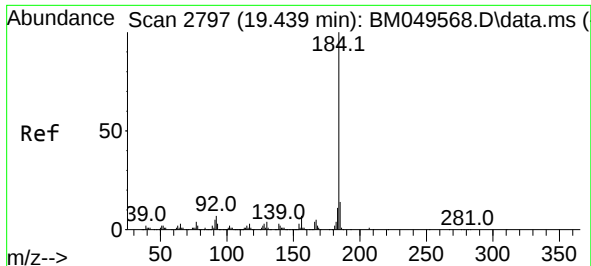
Ion Ratio Lower Upper

240 100

120 10.4 7.8 11.8

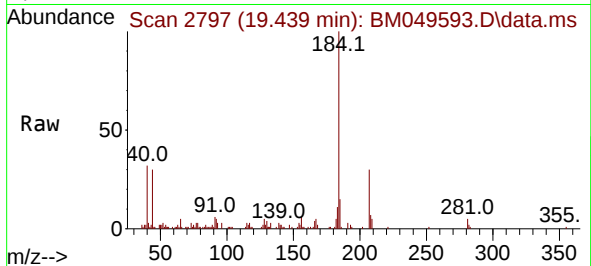
236 26.5 20.6 31.0





#77
Benzidine
Concen: 7.230 ng
RT: 19.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

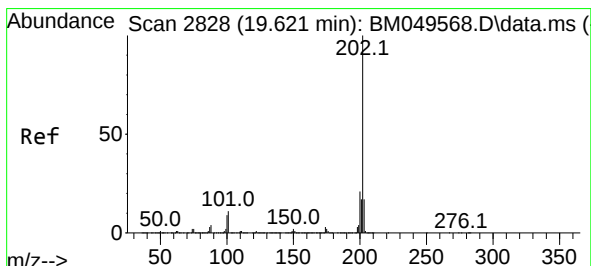
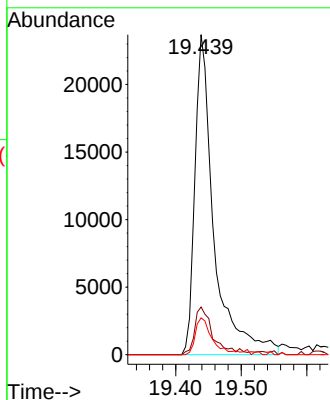
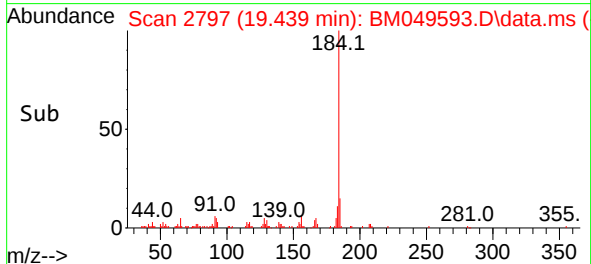
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:184 Resp: 48070
Ion Ratio Lower Upper
184 100
185 14.9 11.6 17.4
183 11.5 8.9 13.3

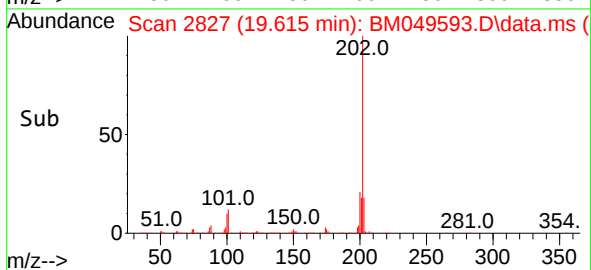
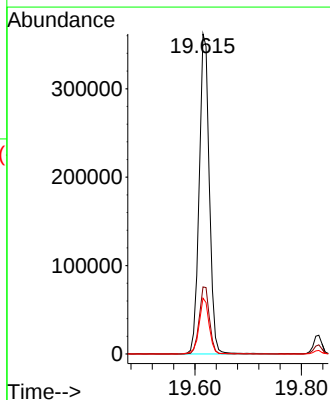
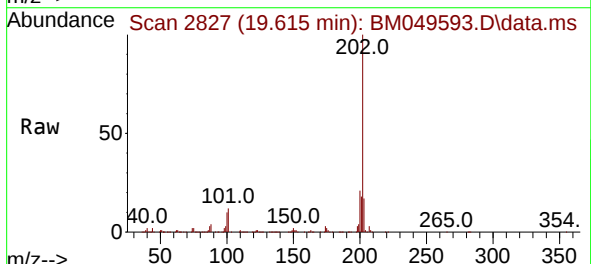
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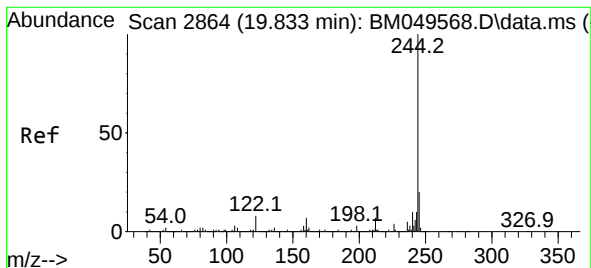
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#78
Pyrene
Concen: 8.492 ng
RT: 19.615 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Tgt Ion:202 Resp: 477413
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 144.416 ng

RT: 19.833 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049593.D

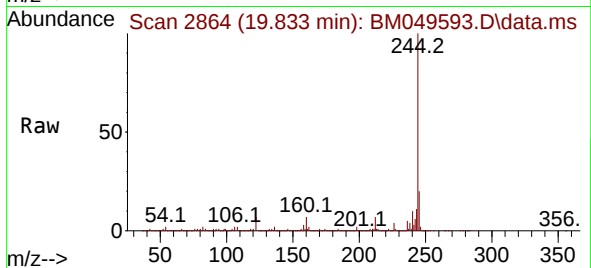
Acq: 07 Feb 2025 00:13

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:244 Resp: 710092

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

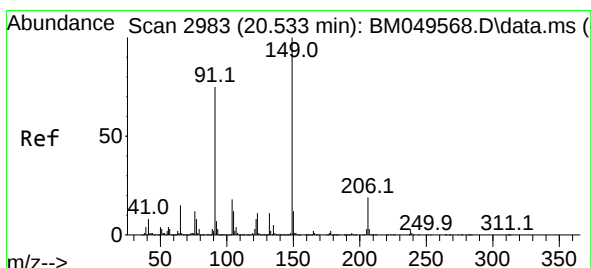
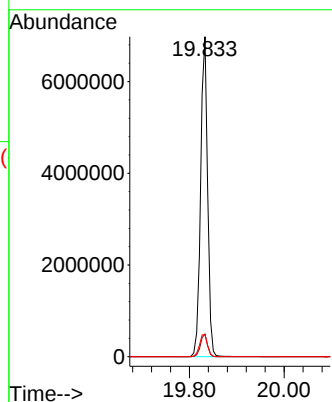
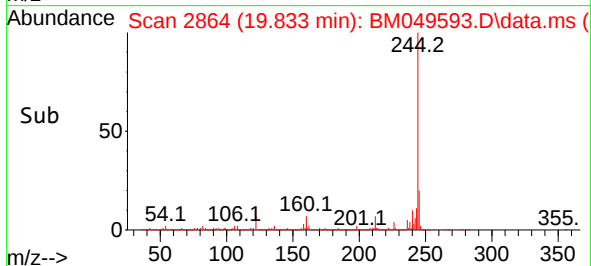
122 6.9 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#80

Butylbenzylphthalate

Concen: 4.570 ng

RT: 20.533 min Scan# 2983

Delta R.T. -0.000 min

Lab File: BM049593.D

Acq: 07 Feb 2025 00:13

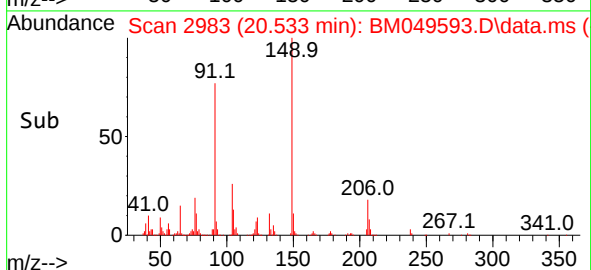
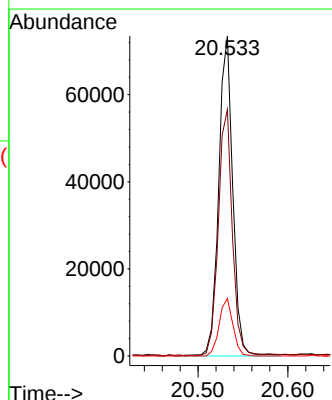
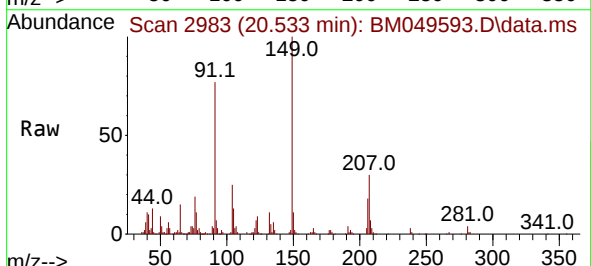
Tgt Ion:149 Resp: 79952

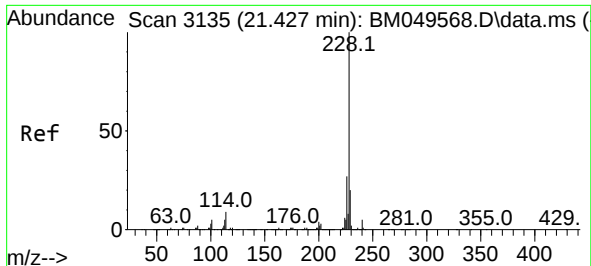
Ion Ratio Lower Upper

149 100

91 77.0 60.2 90.2

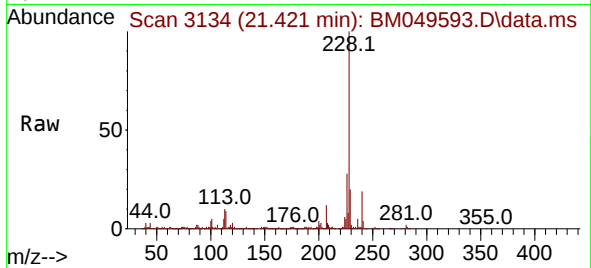
206 18.0 15.4 23.0





#81
Benzo(a)anthracene
Concen: 8.809 ng
RT: 21.421 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

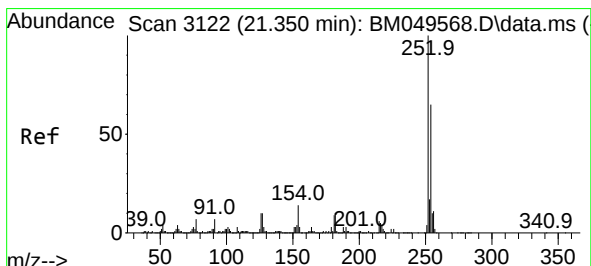
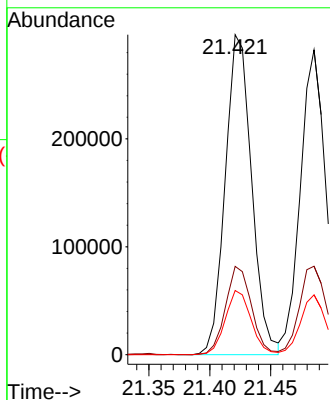
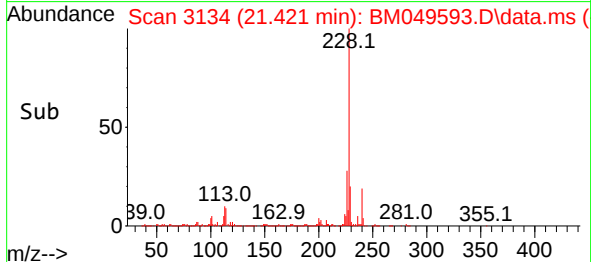
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:228 Resp: 448252
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 20.0 15.7 23.5

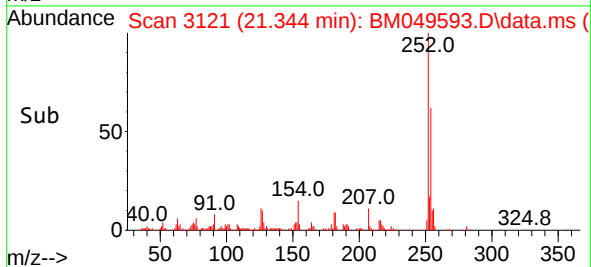
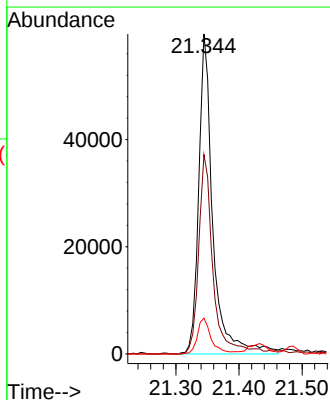
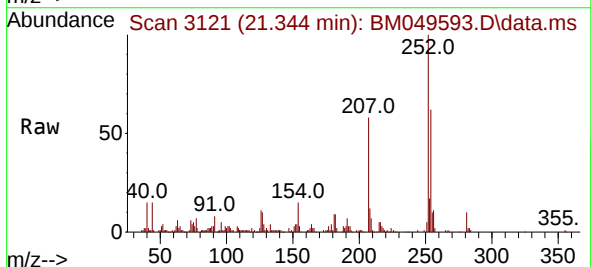
Manual Integrations
APPROVED

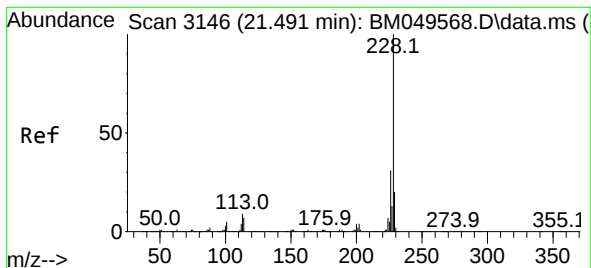
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#82
3,3'-Dichlorobenzidine
Concen: 6.783 ng
RT: 21.344 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

Tgt Ion:252 Resp: 92882
Ion Ratio Lower Upper
252 100
254 62.3 52.1 78.1
126 11.2 7.8 11.6





#83

Chrysene

Concen: 8.746 ng

RT: 21.486 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BM049593.D

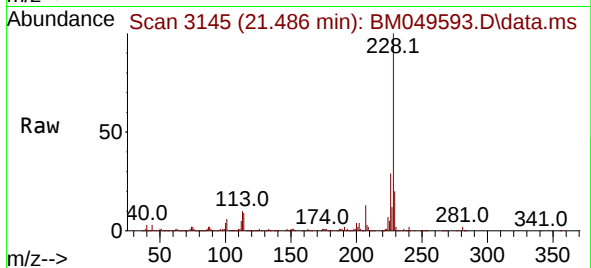
Acq: 07 Feb 2025 00:13

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



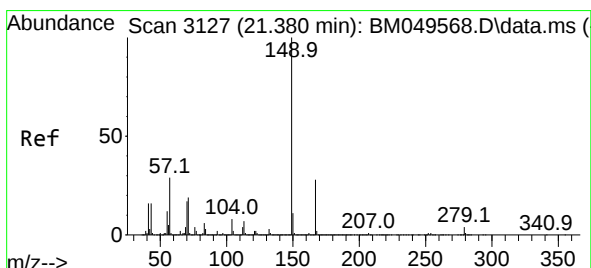
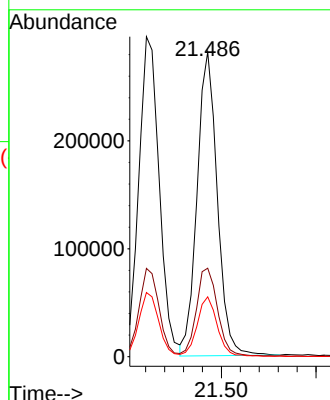
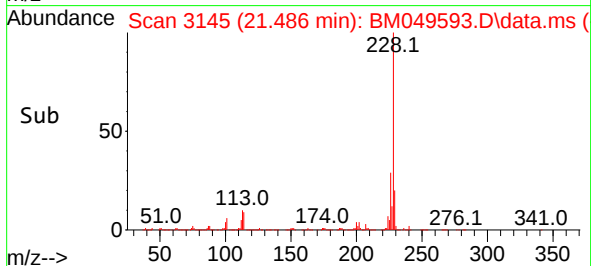
Tgt Ion:228 Resp: 41694

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.5	36.7
229	19.6	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.578 ng

RT: 21.374 min Scan# 3126

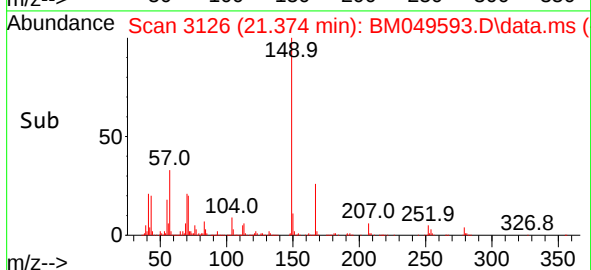
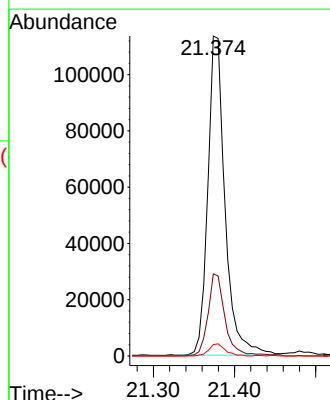
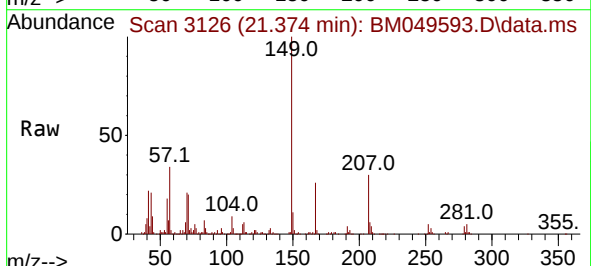
Delta R.T. -0.006 min

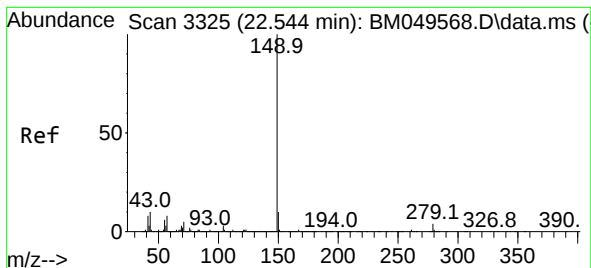
Lab File: BM049593.D

Acq: 07 Feb 2025 00:13

Tgt Ion:149 Resp: 167289

Ion	Ratio	Lower	Upper
149	100		
167	25.6	22.1	33.1
279	3.6	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 4.407 ng

RT: 22.533 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM049593.D

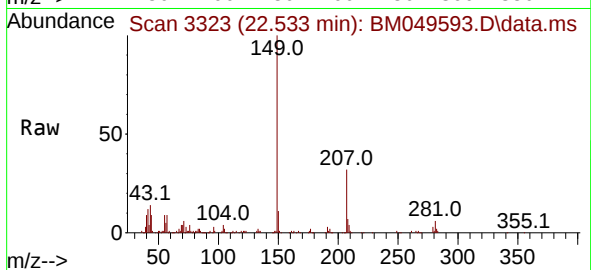
Acq: 07 Feb 2025 00:13

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:149 Resp: 208529

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

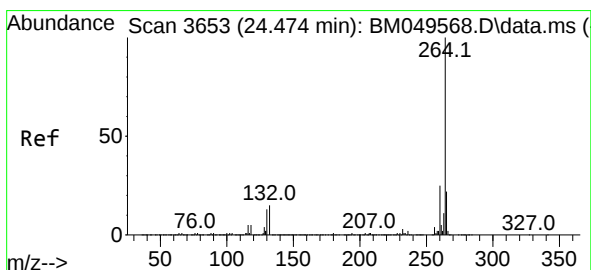
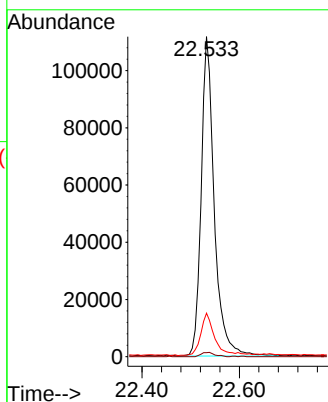
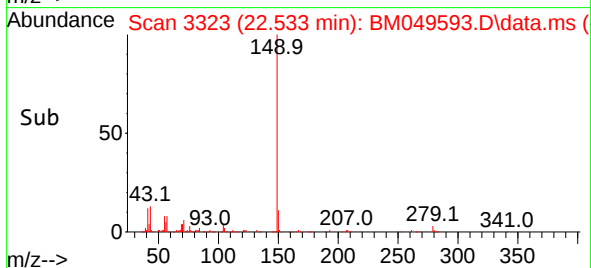
43 13.9 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.468 min Scan# 3652

Delta R.T. -0.006 min

Lab File: BM049593.D

Acq: 07 Feb 2025 00:13

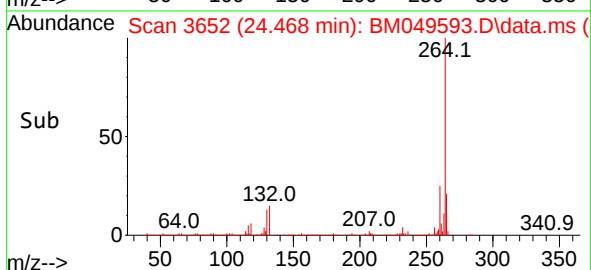
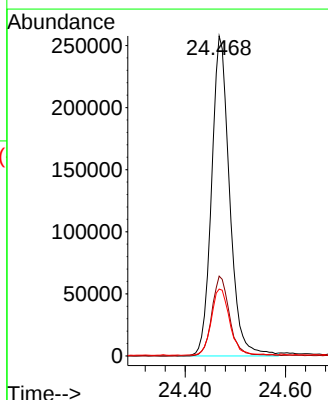
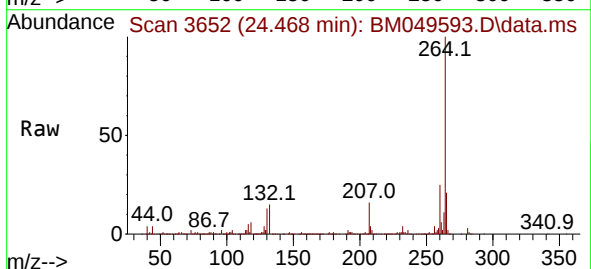
Tgt Ion:264 Resp: 643482

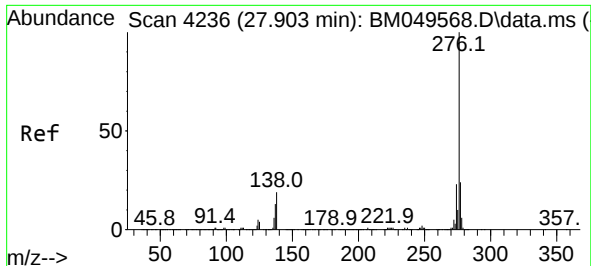
Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.6

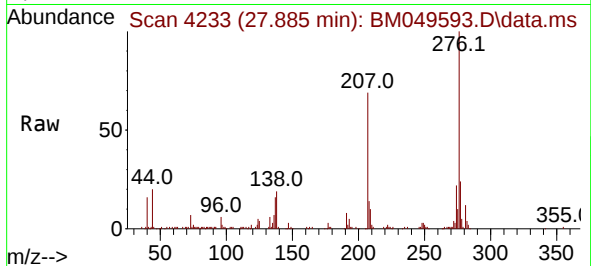
265 20.9 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.958 ng m
RT: 27.885 min Scan# 4233
Delta R.T. -0.018 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13

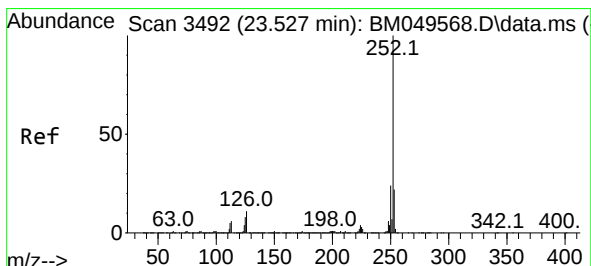
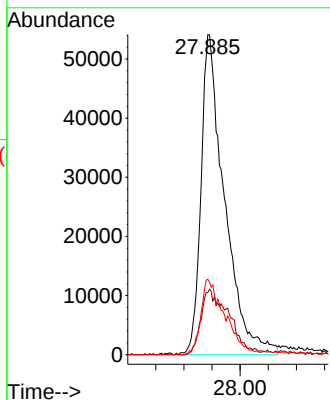
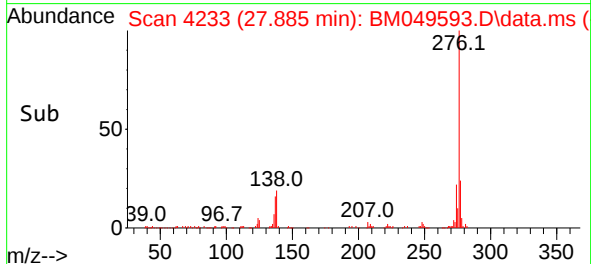
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



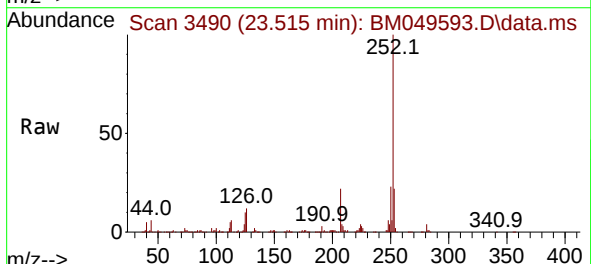
Tgt Ion:276 Resp: 314792
Ion Ratio Lower Upper
276 100
138 24.3 13.1 19.7
277 23.8 19.9 29.9

Manual Integrations
APPROVED

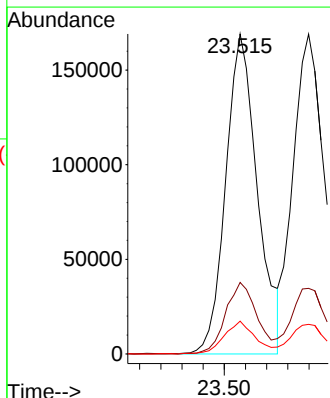
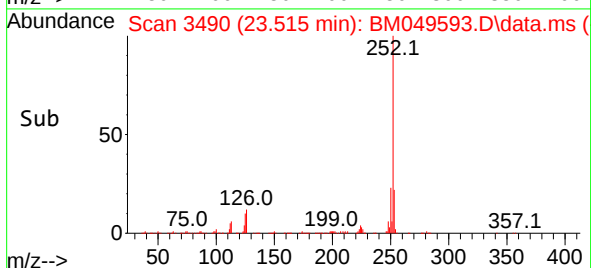
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

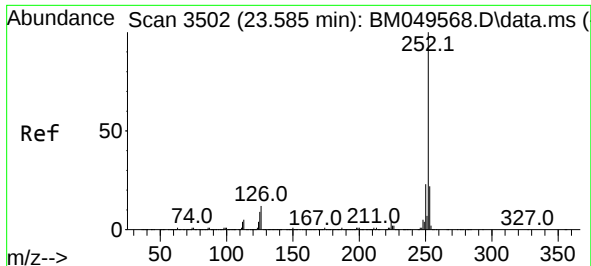


#88
Benzo(b)fluoranthene
Concen: 7.964 ng m
RT: 23.515 min Scan# 3490
Delta R.T. -0.012 min
Lab File: BM049593.D
Acq: 07 Feb 2025 00:13



Tgt Ion:252 Resp: 352551
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.3 6.6 10.0#





#89

Benzo(k)fluoranthene

Concen: 8.321 ng

RT: 23.580 min Scan# 3501

Delta R.T. -0.006 min

Lab File: BM049593.D

Acq: 07 Feb 2025 00:13

Instrument :

BNA_M

ClientSampleId :

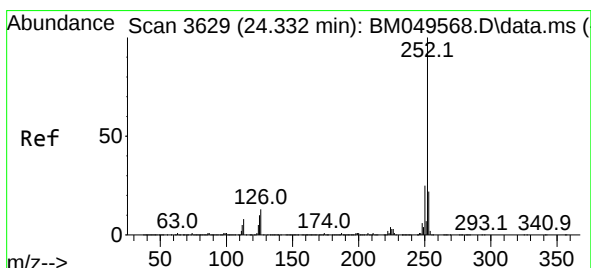
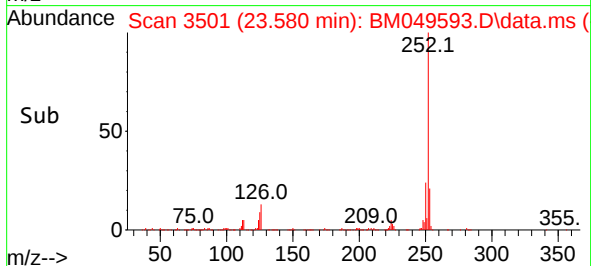
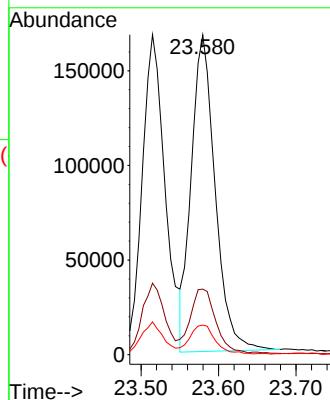
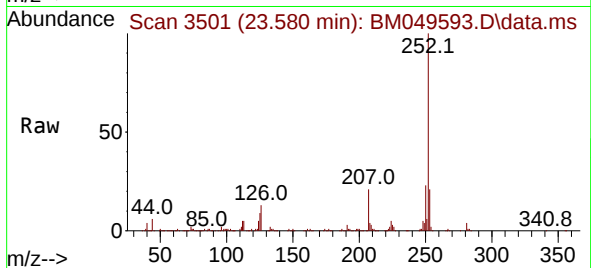
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:252 Resp: 35778
 Ion Ratio Lower Upper
 252 100
 253 20.5 17.5 26.3
 125 9.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025



#90

Benzo(a)pyrene

Concen: 8.359 ng

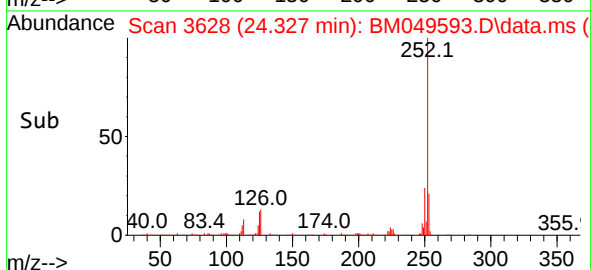
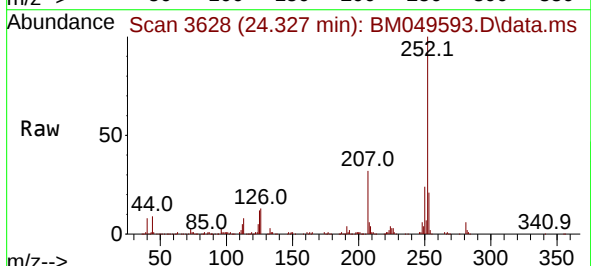
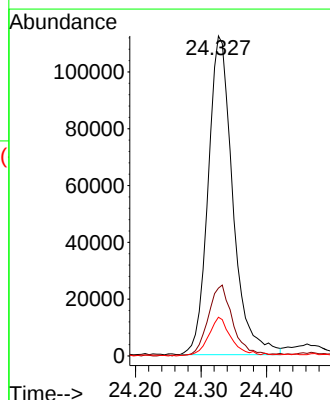
RT: 24.327 min Scan# 3628

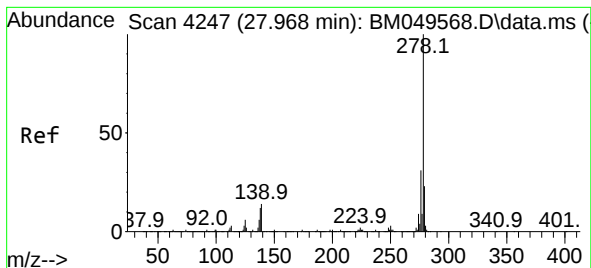
Delta R.T. -0.006 min

Lab File: BM049593.D

Acq: 07 Feb 2025 00:13

Tgt Ion:252 Resp: 293227
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.4 26.0
 125 12.1 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 8.532 ng

RT: 27.956 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM049593.D

Acq: 07 Feb 2025 00:13

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:278 Resp: 23697

Ion Ratio Lower Upper

278 100

139 14.7 11.5 17.3

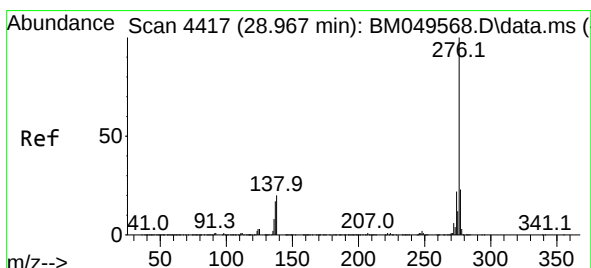
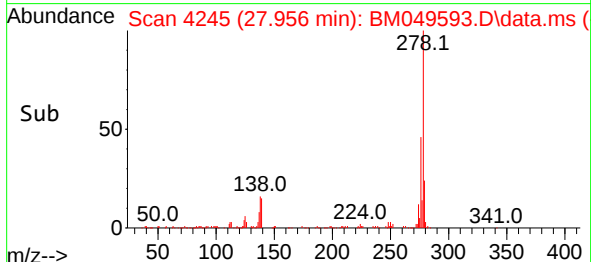
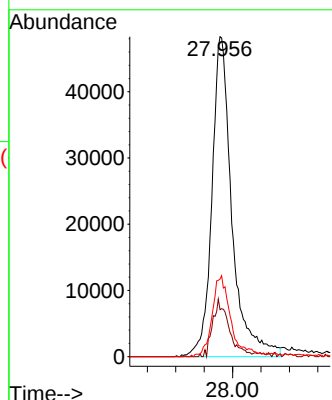
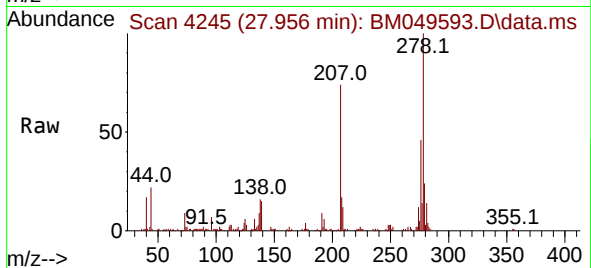
279 24.3 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#92

Benzo(g,h,i)perylene

Concen: 8.376 ng

RT: 28.944 min Scan# 4413

Delta R.T. -0.024 min

Lab File: BM049593.D

Acq: 07 Feb 2025 00:13

Tgt Ion:276 Resp: 259883

Ion Ratio Lower Upper

276 100

277 22.8 18.7 28.1

138 19.9 16.0 24.0

