

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049592.D
 Acq On : 06 Feb 2025 23:34
 Operator : RC/JU
 Sample : Q1168-07
 Misc : LOD-MDL-SOIL 4PPM
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 07 01:33:26 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	212080	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	769359	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	471787	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	879190	20.000	ng	0.00
76) Chrysene-d12	21.439	240	727368	20.000	ng	0.00
86) Perylene-d12	24.468	264	613590	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1727150	130.960	ng	0.00
7) Phenol-d6	6.981	99	2221875	128.593	ng	0.00
23) Nitrobenzene-d5	8.975	82	1473900	98.541	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	711385	127.254	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	3593389	98.669	ng	0.00
79) Terphenyl-d14	19.827	244	6203797	130.243	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	25940	4.678	ng	98
3) Pyridine	3.705	79	56213	3.648	ng	# 92
4) n-Nitrosodimethylamine	3.605	42	29307	4.065	ng	# 83
6) Aniline	7.146	93	69275	4.230	ng	99
8) 2-Chlorophenol	7.387	128	54692	4.153	ng	99
9) Benzaldehyde	6.957	77	60846	6.651	ng	99
10) Phenol	7.005	94	70233	4.127	ng	90
11) bis(2-Chloroethyl)ether	7.246	93	58899	4.278	ng	95
12) 1,3-Dichlorobenzene	7.716	146	64732	4.235	ng	97
13) 1,4-Dichlorobenzene	7.857	146	65012	4.205	ng	98
14) 1,2-Dichlorobenzene	8.175	146	63475	4.252	ng	97
15) Benzyl Alcohol	8.057	79	40948	3.406	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.346	45	85194	4.597	ng	98
17) 2-Methylphenol	8.257	107	38387	3.689	ng	95
18) Hexachloroethane	8.910	117	23274	4.121	ng	95
19) n-Nitroso-di-n-propyla...	8.628	70	41889	3.702	ng	96
20) 3+4-Methylphenols	8.581	107	45142	3.286	ng	96
22) Acetophenone	8.640	105	85956	4.148	ng	96
24) Nitrobenzene	9.016	77	71298	4.906	ng	96
25) Isophorone	9.546	82	105826	3.923	ng	99
26) 2-Nitrophenol	9.734	139	9802	4.313	ng	94
27) 2,4-Dimethylphenol	9.793	122	23061m	2.704	ng	
28) bis(2-Chloroethoxy)met...	10.034	93	67459	3.883	ng	98
29) 2,4-Dichlorophenol	10.263	162	36276	3.088	ng	96
30) 1,2,4-Trichlorobenzene	10.481	180	59554	4.138	ng	100
31) Naphthalene	10.669	128	159901	3.941	ng	96
32) Benzoic acid	9.828	122	6724m	6.543	ng	
33) 4-Chloroaniline	10.769	127	57029	3.755	ng	98
34) Hexachlorobutadiene	10.969	225	33216	3.854	ng	95
35) Caprolactam	11.510	113	8873m	2.476	ng	
36) 4-Chloro-3-methylphenol	11.892	107	33120	2.827	ng	98
37) 2-Methylnaphthalene	12.281	142	104584	3.661	ng	96
38) 1-Methylnaphthalene	12.504	142	97604	3.511	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	59699	3.849	ng	99
41) Hexachlorocyclopentadiene	12.645	237	10571	2.670	ng	97
43) 2,4,6-Trichlorophenol	12.886	196	20293	2.397	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	25693	2.762	ng	94
46) 1,1'-Biphenyl	13.298	154	143498	3.987	ng	98
47) 2-Chloronaphthalene	13.334	162	109616	3.937	ng	98
48) 2-Nitroaniline	13.528	65	17581	6.316	ng	90
49) Acenaphthylene	14.181	152	163882	3.991	ng	99
50) Dimethylphthalate	13.916	163	121759	3.594	ng	99
51) 2,6-Dinitrotoluene	14.022	165	17045	2.907	ng	# 80
52) Acenaphthene	14.522	154	95525	3.505	ng	95
53) 3-Nitroaniline	14.351	138	17605	2.949	ng	# 91
54) 2,4-Dinitrophenol	14.551	184	2293	4.618	ng	89
55) Dibenzofuran	14.857	168	160178	3.691	ng	98
57) 2,4-Dinitrotoluene	14.810	165	18507	5.159	ng	# 86
58) Fluorene	15.510	166	124124	3.343	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	19760	2.514	ng	95
60) Diethylphthalate	15.286	149	112648	3.308	ng	97
61) 4-Chlorophenyl-phenyle...	15.504	204	64033	3.241	ng	91
62) 4-Nitroaniline	15.510	138	16638	6.176	ng	94
63) Azobenzene	15.798	77	132354	3.724	ng	97
65) 4,6-Dinitro-2-methylph...	15.575	198	3850	6.064	ng	91
66) n-Nitrosodiphenylamine	15.716	169	98164	3.540	ng	100
67) 4-Bromophenyl-phenylether	16.398	248	35747	3.500	ng	98
68) Hexachlorobenzene	16.510	284	42538	3.629	ng	96
69) Atrazine	16.669	200	27015	3.278	ng	94
70) Pentachlorophenol	16.845	266	12127m	9.098	ng	
71) Phenanthrene	17.245	178	188660	3.767	ng	98
72) Anthracene	17.333	178	172672	3.482	ng	99
73) Carbazole	17.598	167	157819	3.626	ng	100
74) Di-n-butylphthalate	18.186	149	144979	2.625	ng	99
75) Fluoranthene	19.257	202	188618	3.217	ng	99
77) Benzidine	19.439	184	16771	2.604	ng	# 95
78) Pyrene	19.615	202	202213	3.713	ng	99
81) Benzo(a)anthracene	21.421	228	180925	3.670	ng	98
82) 3,3'-Dichlorobenzidine	21.345	252	28388	2.140	ng	# 90
83) Chrysene	21.480	228	172705	3.739	ng	99
87) Indeno(1,2,3-cd)pyrene	27.897	276	126862m	3.786	ng	
88) Benzo(b)fluoranthene	23.509	252	136135	3.225	ng	98
89) Benzo(k)fluoranthene	23.574	252	143400	3.498	ng	98
90) Benzo(a)pyrene	24.327	252	112794	3.372	ng	99
91) Dibenzo(a,h)anthracene	27.962	278	96708m	3.652	ng	
92) Benzo(g,h,i)perylene	28.938	276	109011m	3.685	ng	

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

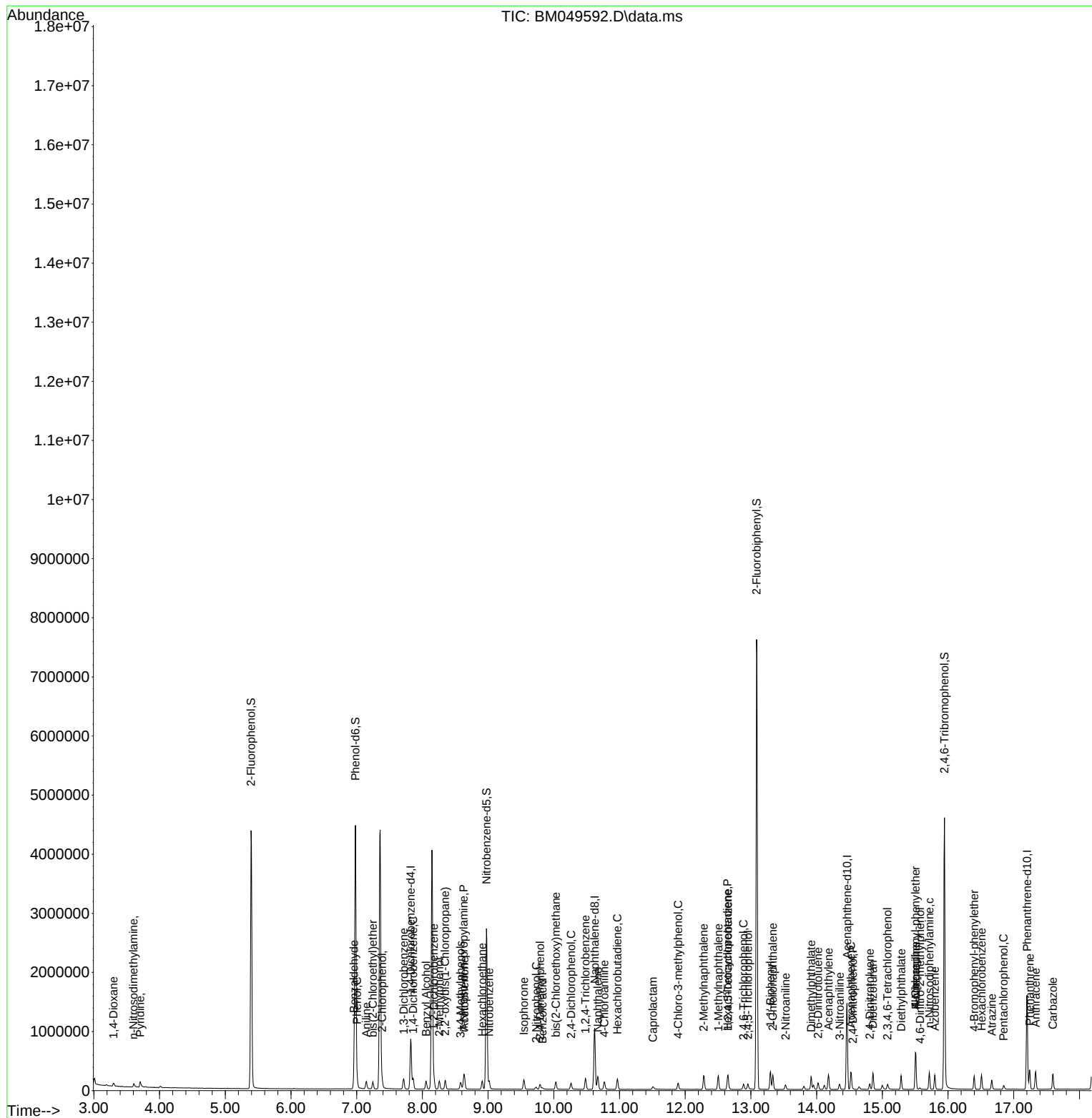
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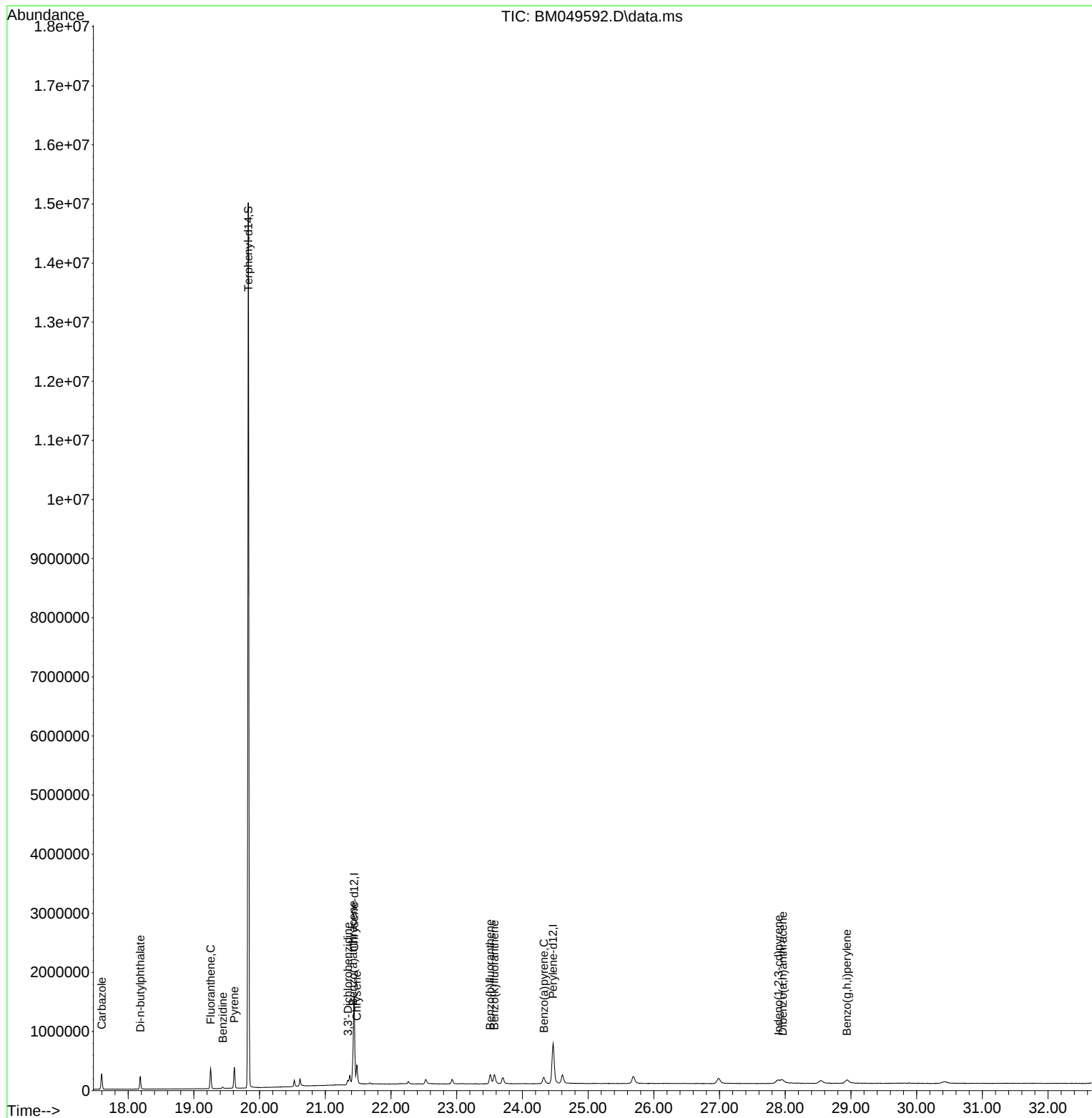
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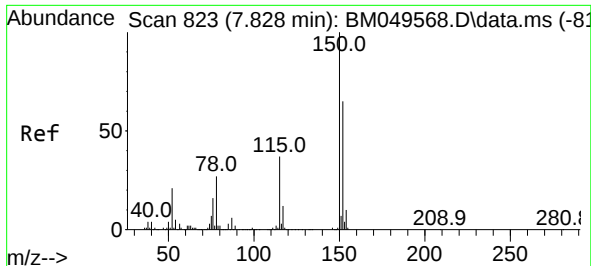
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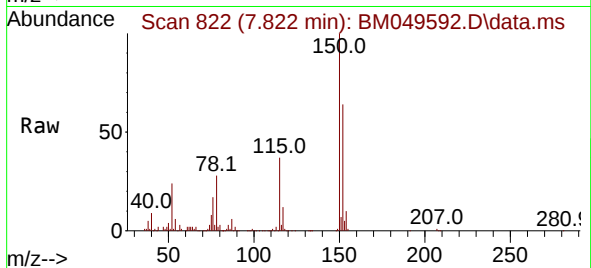
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.822 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM049592.D
 Acq: 06 Feb 2025 23:34

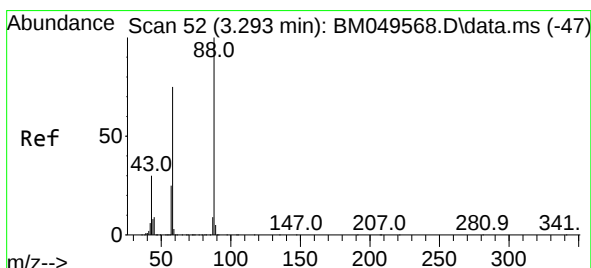
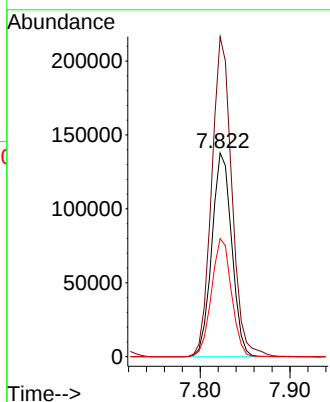
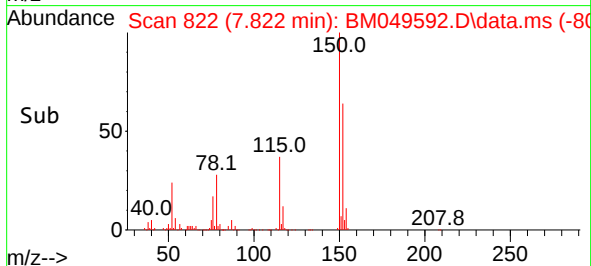
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



Tgt Ion:152 Resp: 212080
 Ion Ratio Lower Upper
 152 100
 150 157.1 122.6 184.0
 115 58.0 45.4 68.0

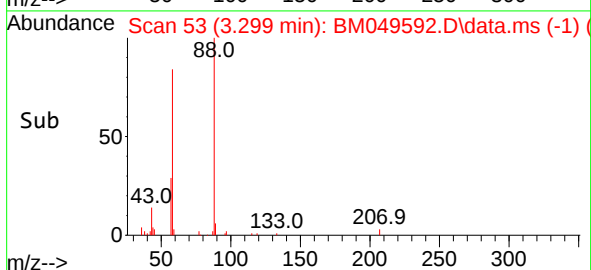
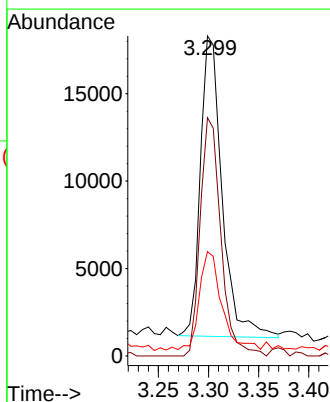
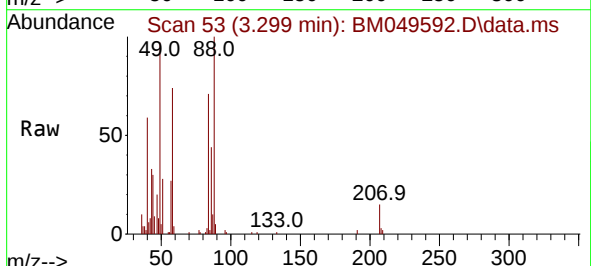
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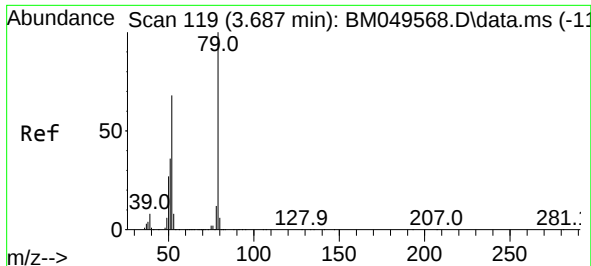
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#2
 1,4-Dioxane
 Concen: 4.678 ng
 RT: 3.299 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BM049592.D
 Acq: 06 Feb 2025 23:34

Tgt Ion: 88 Resp: 25940
 Ion Ratio Lower Upper
 88 100
 58 75.4 60.0 90.0
 43 33.7 24.4 36.6





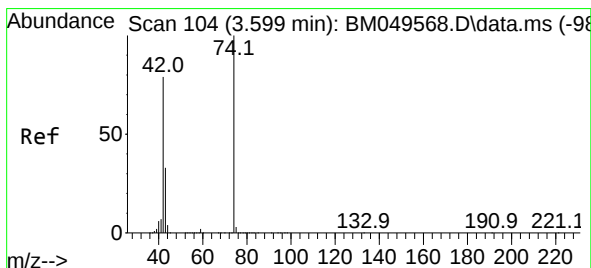
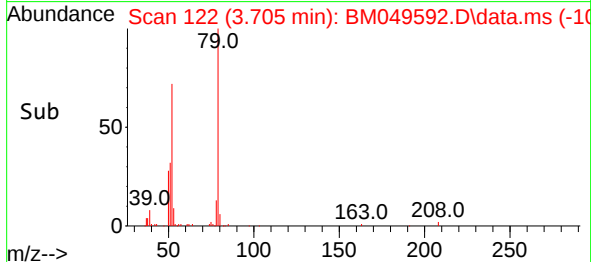
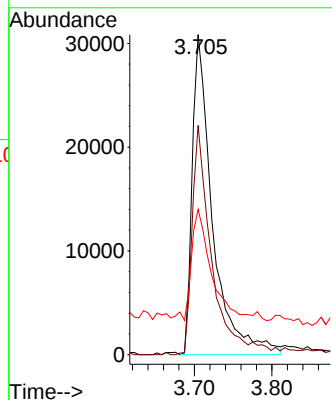
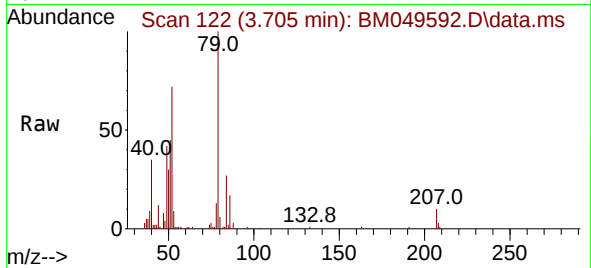
#3
Pyridine
Concen: 3.648 ng
RT: 3.705 min Scan# 119
Delta R.T. 0.018 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

Instrument :
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Tgt Ion: 79 Resp: 5621
Ion Ratio Lower Upper
79 100
52 71.6 54.5 81.7
51 45.4 29.0 43.6

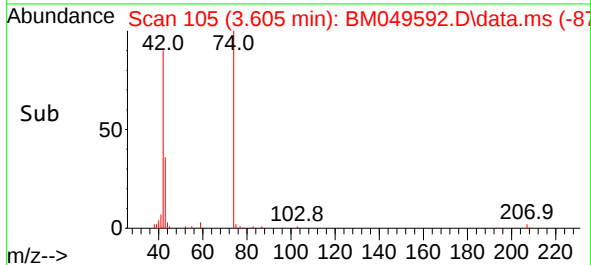
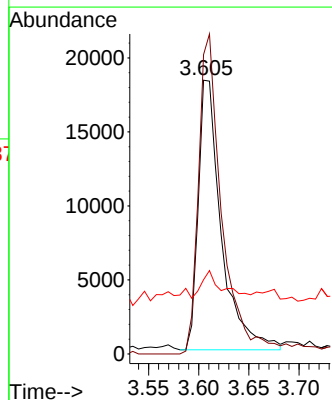
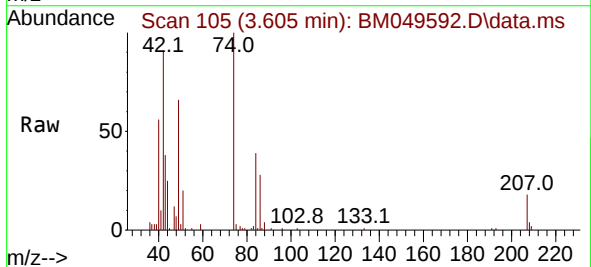
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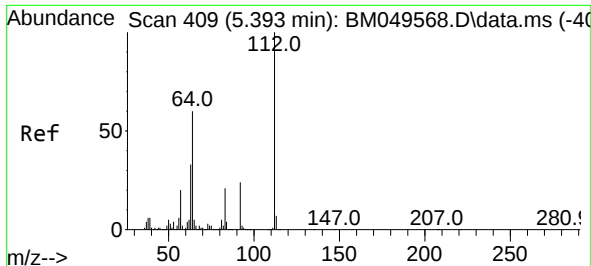
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#4
n-Nitrosodimethylamine
Concen: 4.065 ng
RT: 3.605 min Scan# 105
Delta R.T. 0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

Tgt Ion: 42 Resp: 29307
Ion Ratio Lower Upper
42 100
74 109.3 101.3 151.9
44 27.1 6.5 9.7





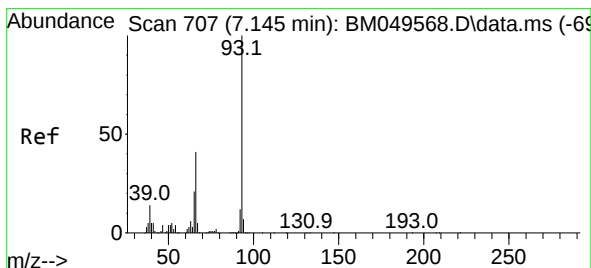
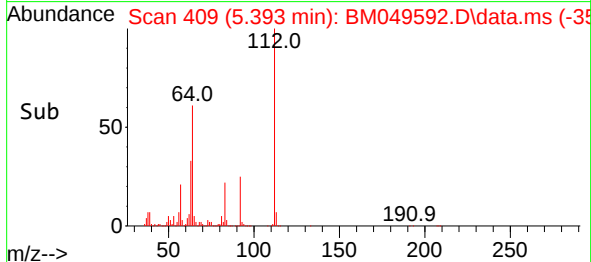
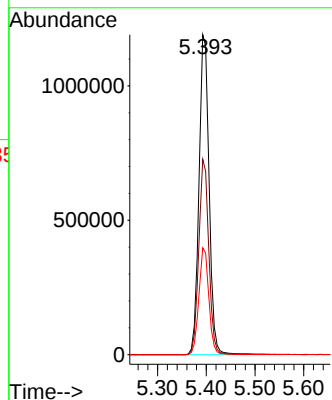
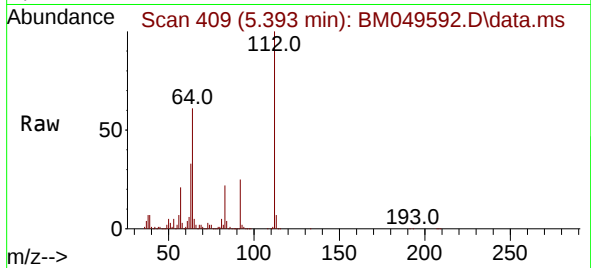
#5
2-Fluorophenol
Concen: 130.960 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

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Tgt Ion:112 Resp: 1727150
Ion Ratio Lower Upper
112 100
64 61.0 47.8 71.8
63 33.4 26.2 39.4

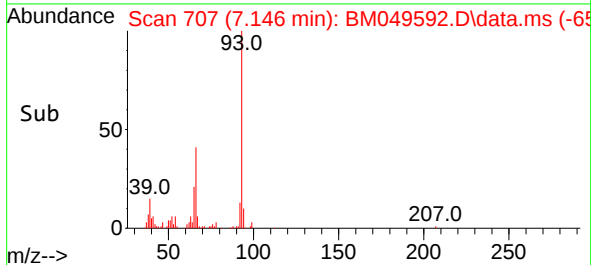
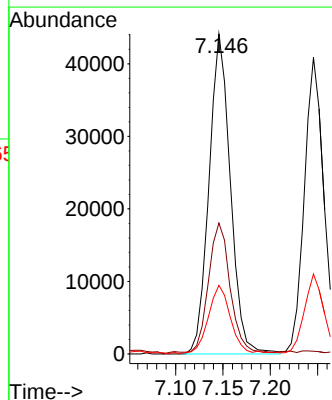
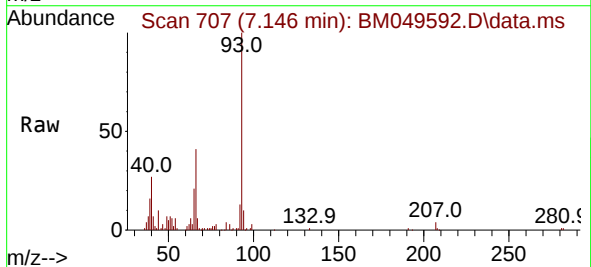
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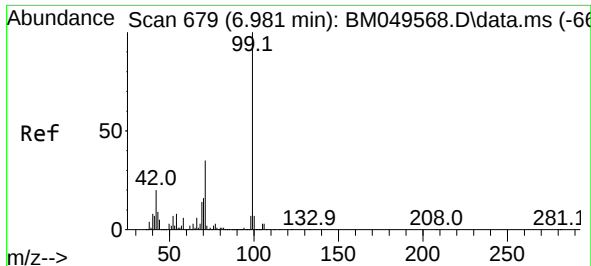
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#6
Aniline
Concen: 4.230 ng
RT: 7.146 min Scan# 707
Delta R.T. 0.000 min
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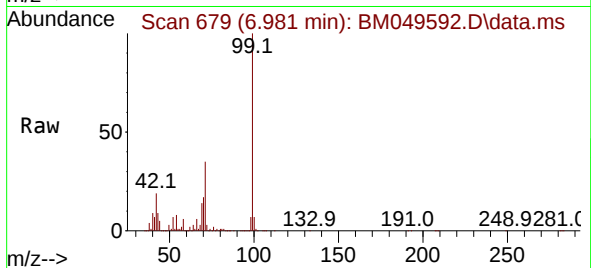
Tgt Ion: 93 Resp: 69275
Ion Ratio Lower Upper
93 100
66 40.9 33.3 49.9
65 21.4 16.8 25.2





#7
Phenol-d6
Concen: 128.593 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM049592.D
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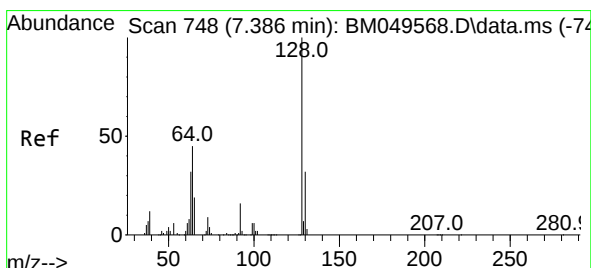
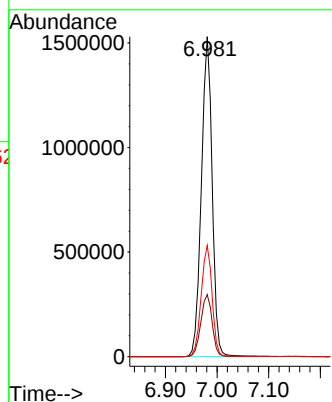
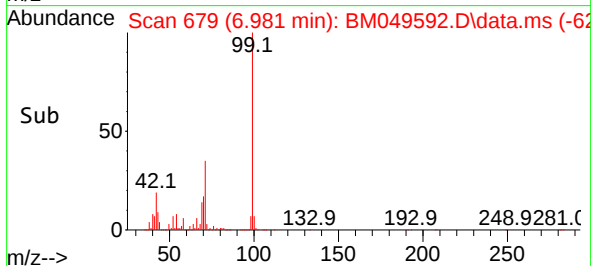
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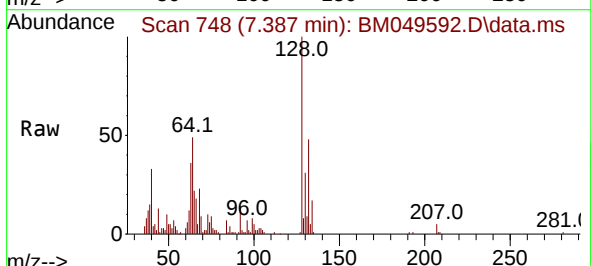
Tgt Ion: 99 Resp: 222187
Ion Ratio Lower Upper
99 100
42 19.4 16.0 24.0
71 34.8 27.8 41.6

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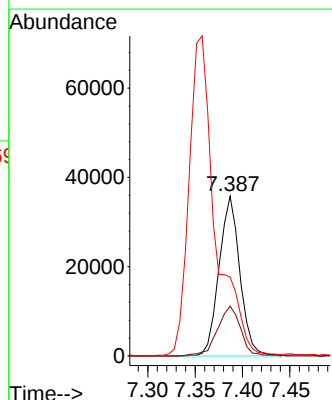
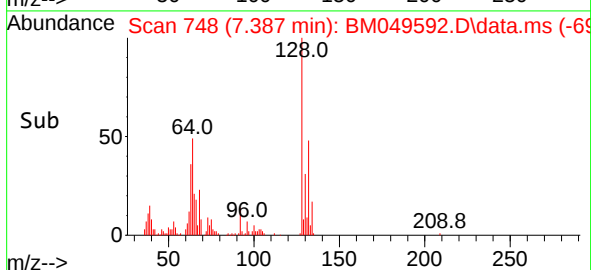
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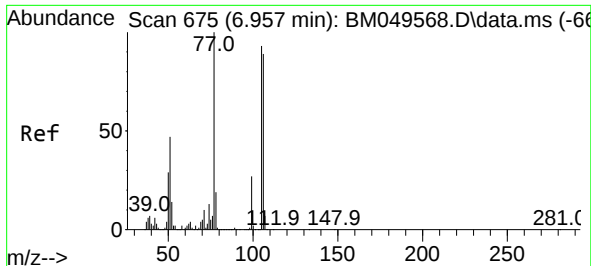


#8
2-Chlorophenol
Concen: 4.153 ng
RT: 7.387 min Scan# 748
Delta R.T. 0.000 min
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Tgt Ion:128 Resp: 54692
Ion Ratio Lower Upper
128 100
130 31.2 12.4 52.4
64 49.4 28.7 68.7





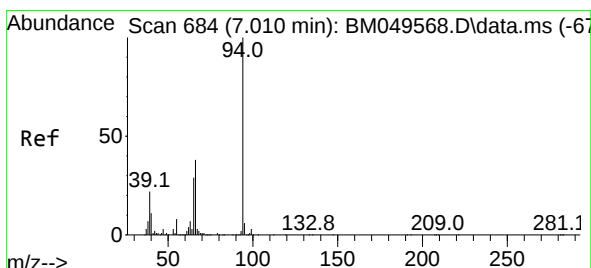
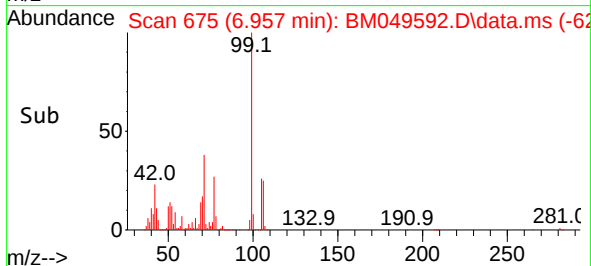
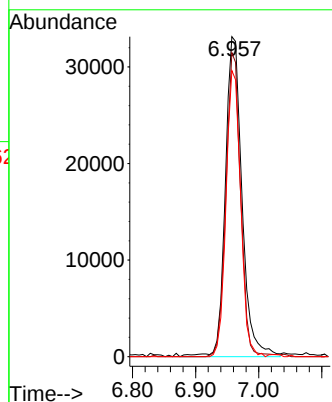
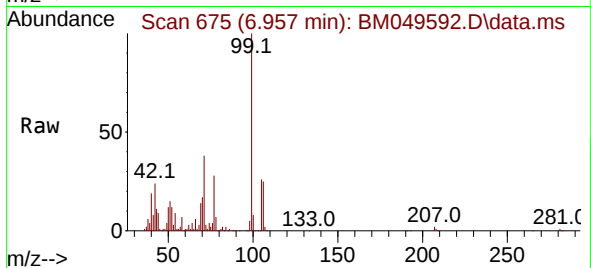
#9
Benzaldehyde
Concen: 6.651 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

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

Tgt Ion: 77 Resp: 6084
Ion Ratio Lower Upper
77 100
105 95.0 72.7 112.7
106 89.4 68.9 108.9

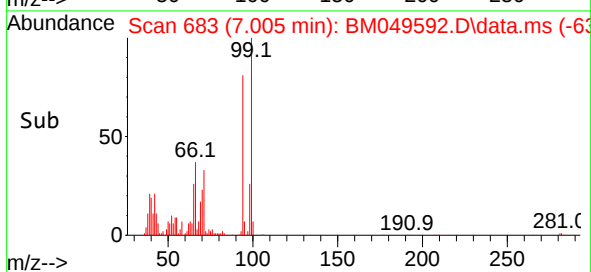
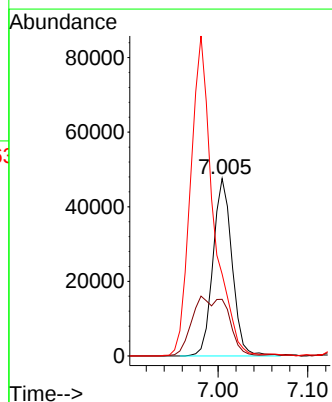
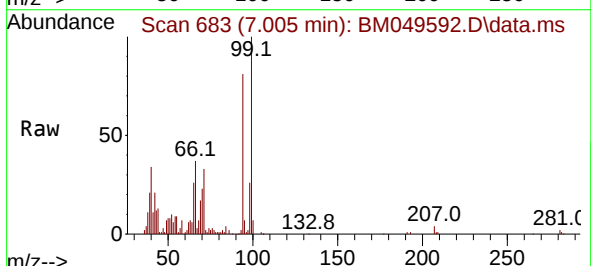
Manual Integrations
APPROVED

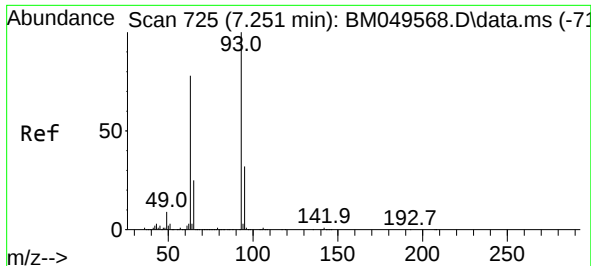
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#10
Phenol
Concen: 4.127 ng
RT: 7.005 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

Tgt Ion: 94 Resp: 70233
Ion Ratio Lower Upper
94 100
65 31.9 9.3 49.3
66 46.2 17.7 57.7





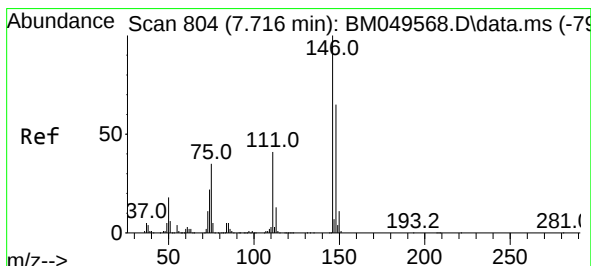
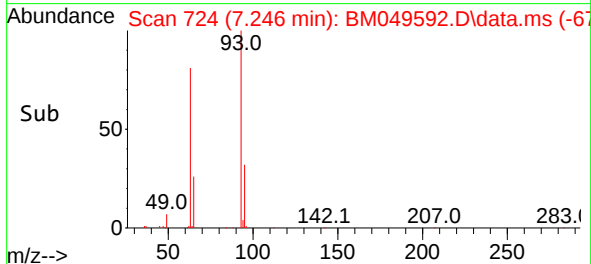
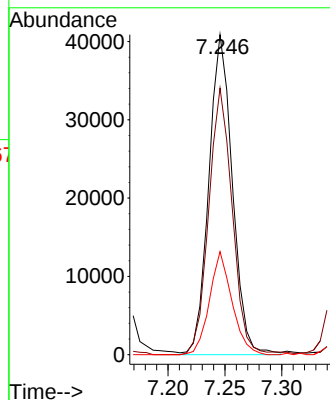
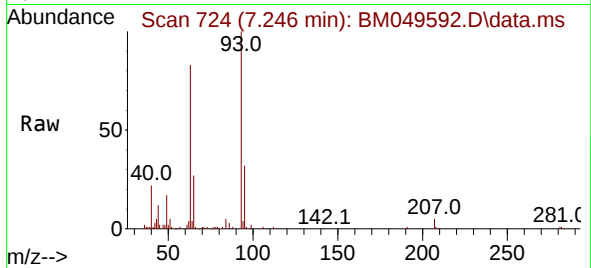
#11
bis(2-Chloroethyl)ether
Concen: 4.278 ng
RT: 7.246 min Scan# 724
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

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

Tgt Ion: 93 Resp: 5889
Ion Ratio Lower Upper
93 100
63 83.3 57.3 97.3
95 32.2 12.1 52.1

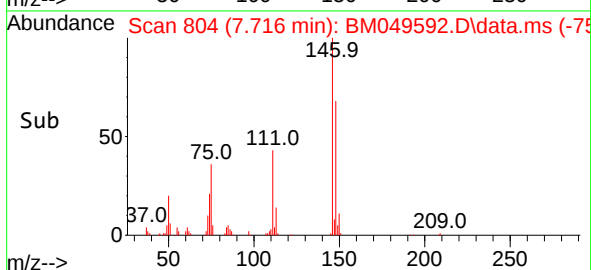
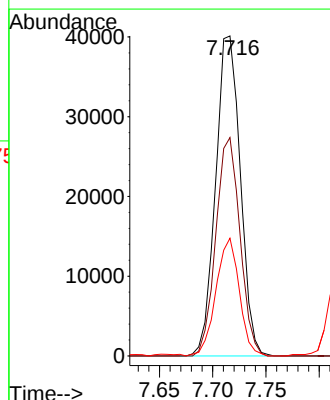
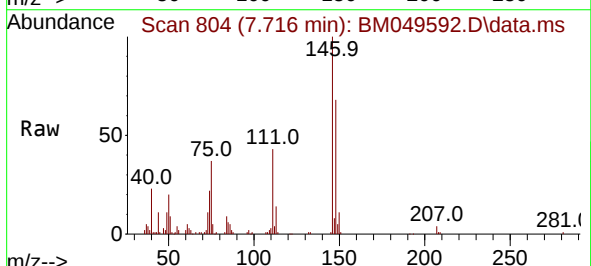
Manual Integrations
APPROVED

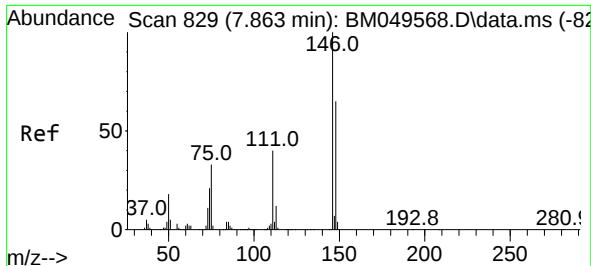
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#12
1,3-Dichlorobenzene
Concen: 4.235 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

Tgt Ion:146 Resp: 64732
Ion Ratio Lower Upper
146 100
148 68.3 52.2 78.2
75 36.8 28.3 42.5





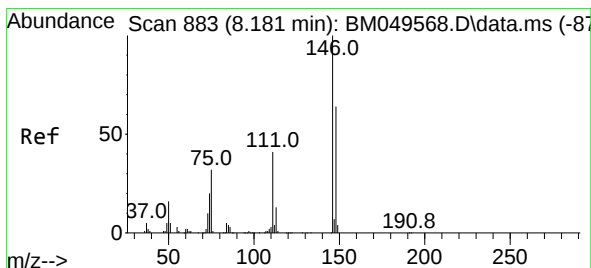
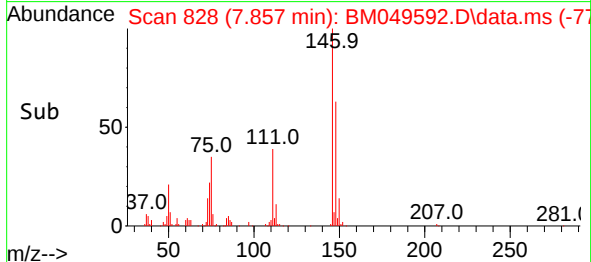
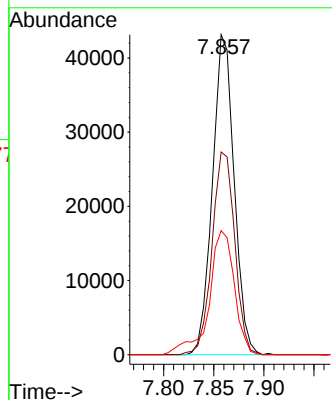
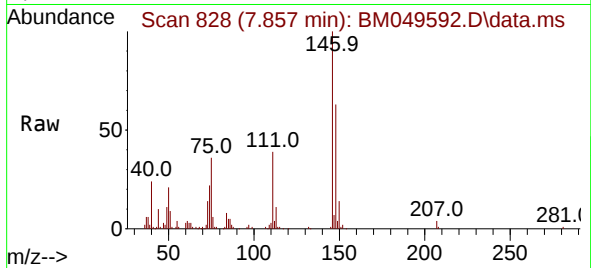
#13
1,4-Dichlorobenzene
Concen: 4.205 ng
RT: 7.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

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

Tgt Ion:146 Resp: 65012
Ion Ratio Lower Upper
146 100
148 63.4 52.1 78.1
111 38.8 31.7 47.5

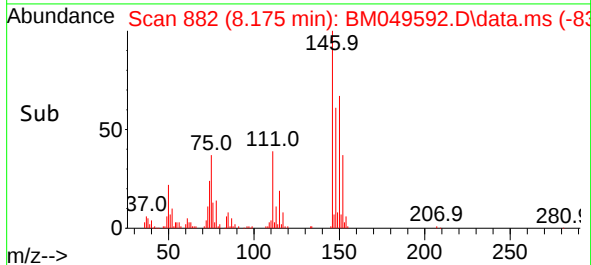
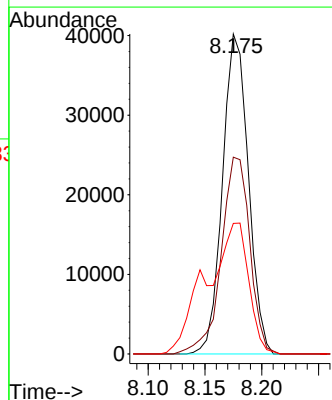
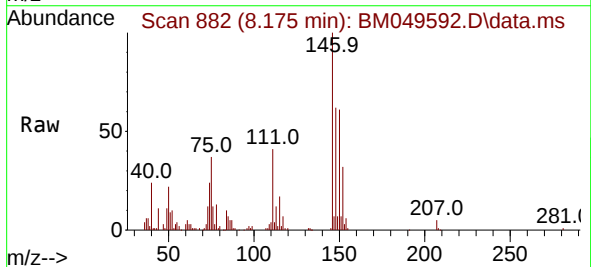
Manual Integrations
APPROVED

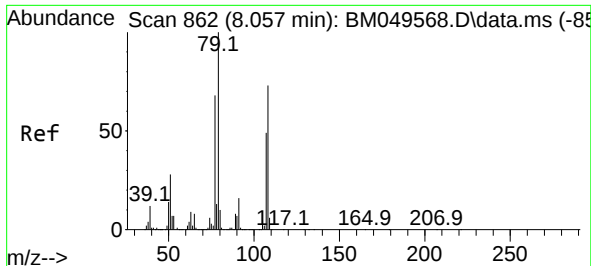
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#14
1,2-Dichlorobenzene
Concen: 4.252 ng
RT: 8.175 min Scan# 882
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

Tgt Ion:146 Resp: 63475
Ion Ratio Lower Upper
146 100
148 61.5 51.5 77.3
111 40.8 33.4 50.0





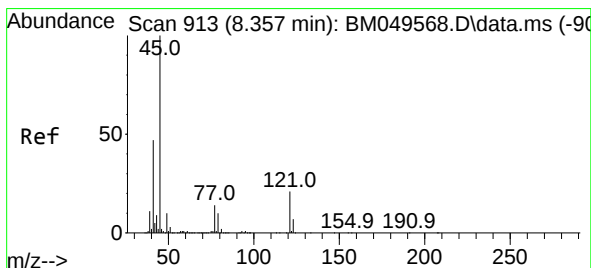
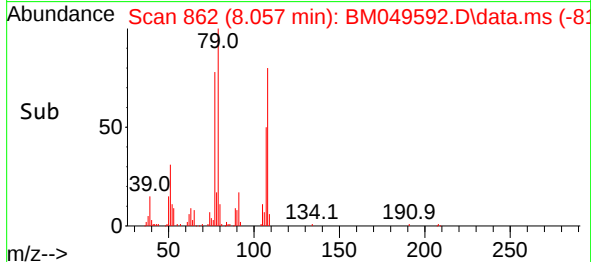
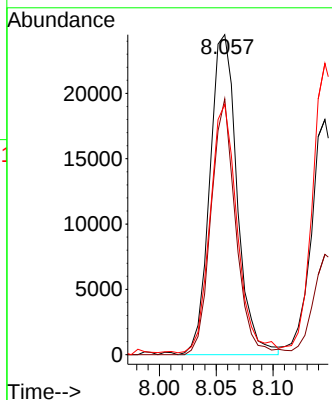
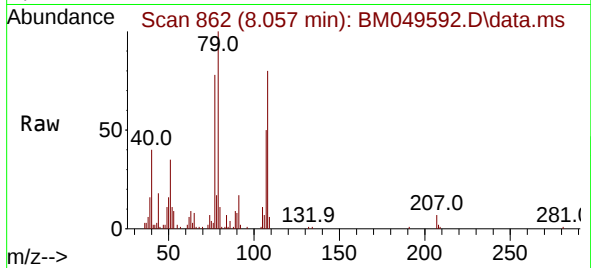
#15
Benzyl Alcohol
Concen: 3.406 ng
RT: 8.057 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

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

Tgt Ion: 79 Resp: 4094
Ion Ratio Lower Upper
79 100
108 79.9 58.6 88.0
77 78.2 54.0 81.0

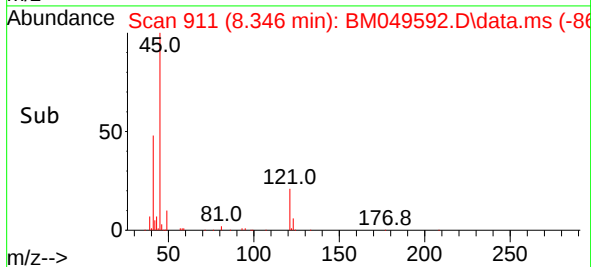
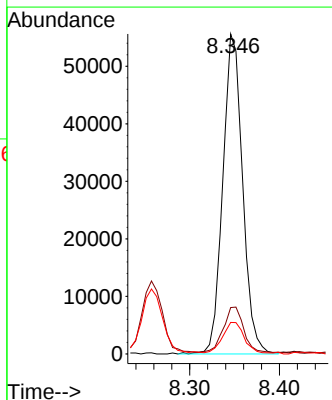
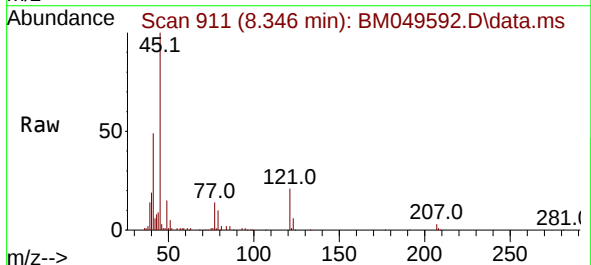
Manual Integrations
APPROVED

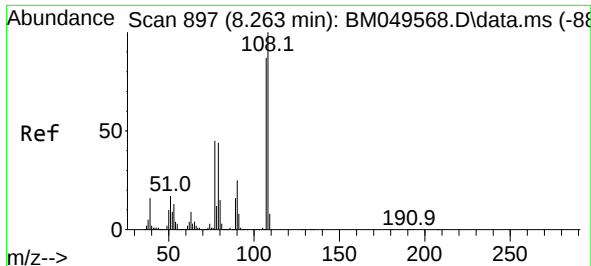
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.597 ng
RT: 8.346 min Scan# 911
Delta R.T. -0.011 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

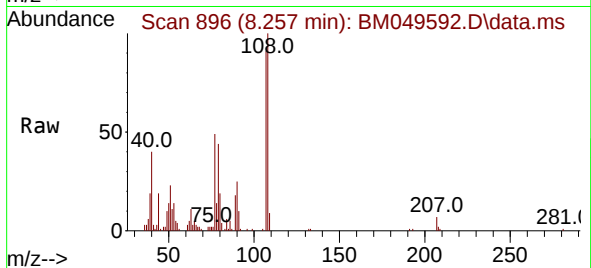
Tgt Ion: 45 Resp: 85194
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.0
79 9.9 0.0 30.8





#17
2-Methylphenol
Concen: 3.689 ng
RT: 8.257 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

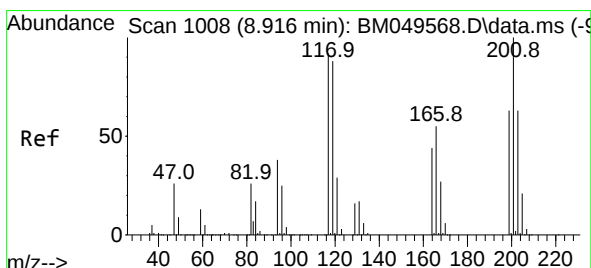
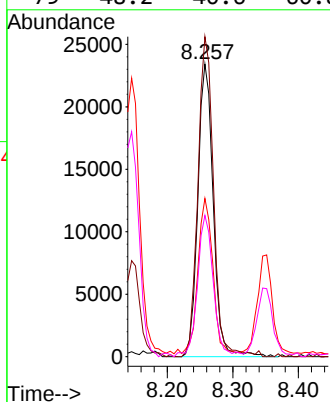
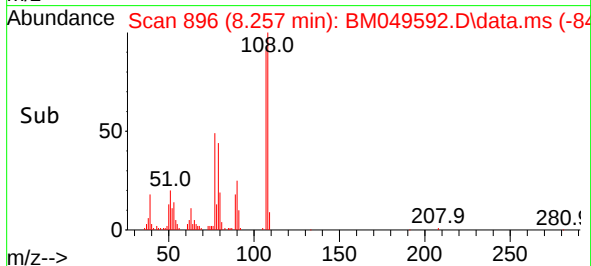
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:107 Resp: 3838
Ion Ratio Lower Upper
107 100
108 109.3 92.2 138.4
77 54.1 41.3 61.9
79 48.2 40.6 60.8

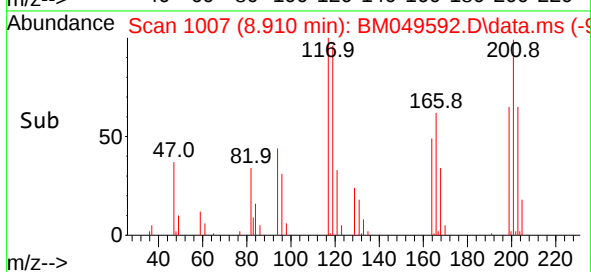
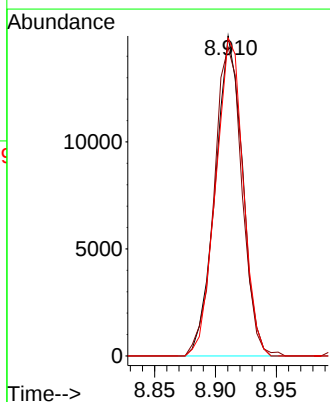
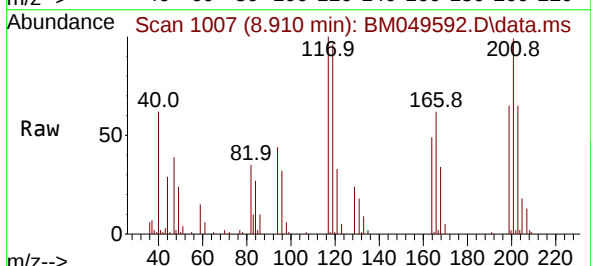
Manual Integrations
APPROVED

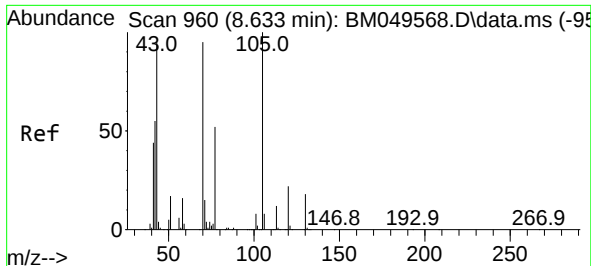
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#18
Hexachloroethane
Concen: 4.121 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

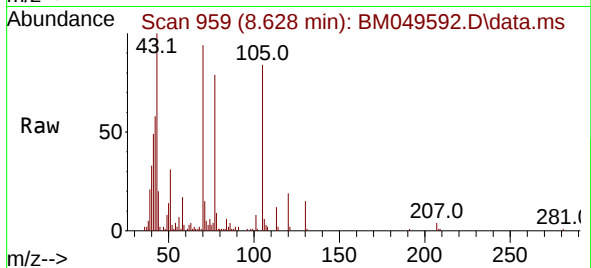
Tgt Ion:117 Resp: 23274
Ion Ratio Lower Upper
117 100
119 96.4 76.8 115.2
201 99.3 87.0 130.6





#19
n-Nitroso-di-n-propylamine
Concen: 3.702 ng
RT: 8.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

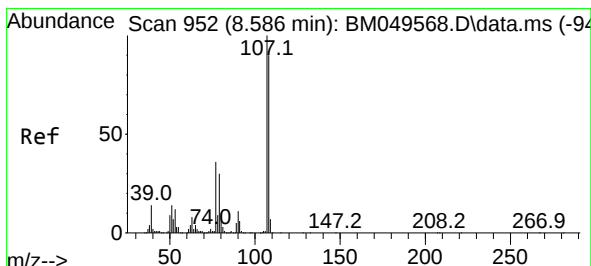
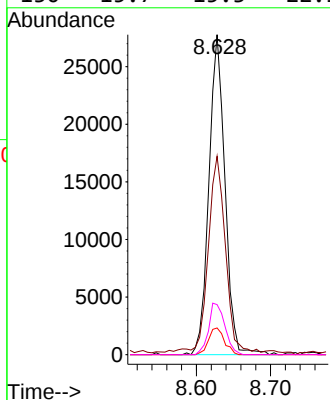
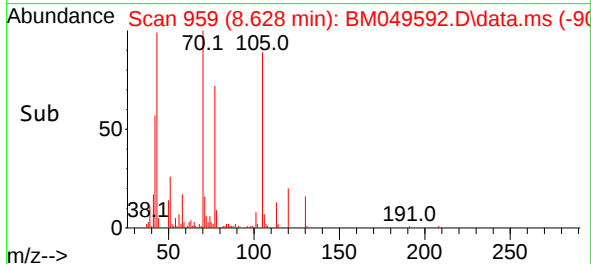
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 70 Resp: 41889
Ion Ratio Lower Upper
70 100
42 62.0 47.4 71.2
101 8.3 7.1 10.7
130 15.7 15.3 22.9

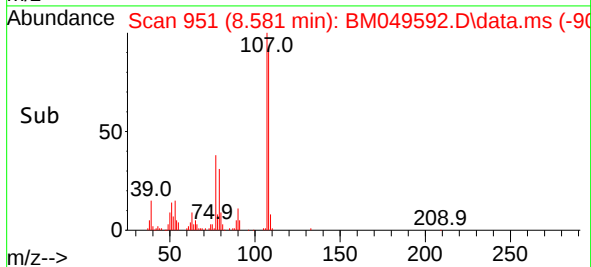
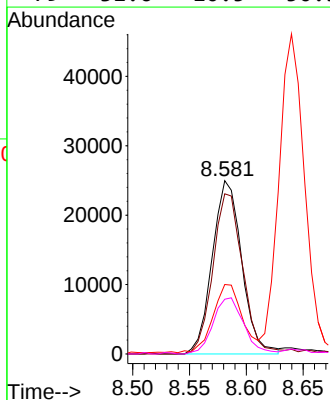
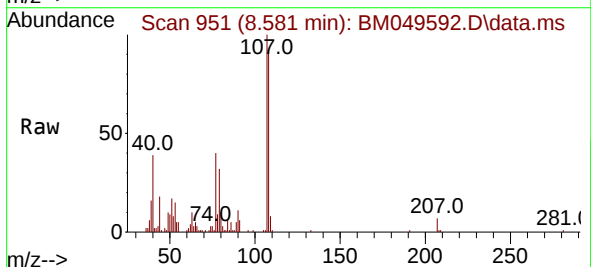
Manual Integrations
APPROVED

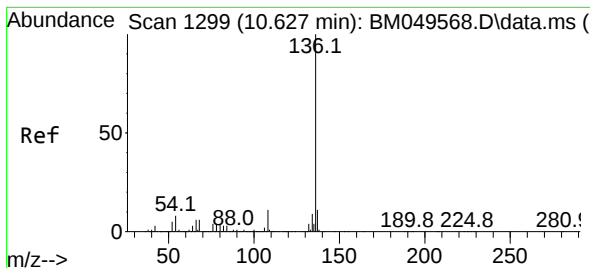
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#20
3+4-Methylphenols
Concen: 3.286 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

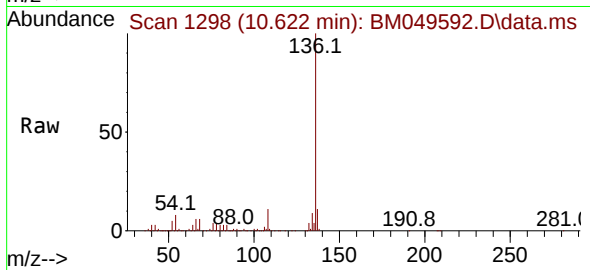
Tgt Ion:107 Resp: 45142
Ion Ratio Lower Upper
107 100
108 92.4 69.6 109.6
77 40.1 16.0 56.0
79 31.6 10.5 50.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

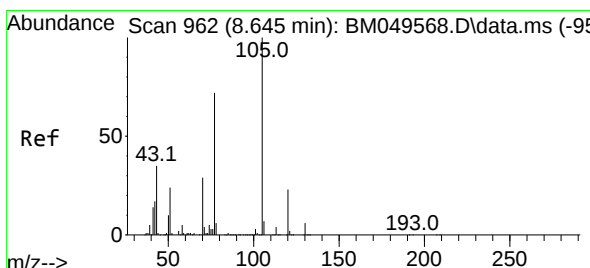
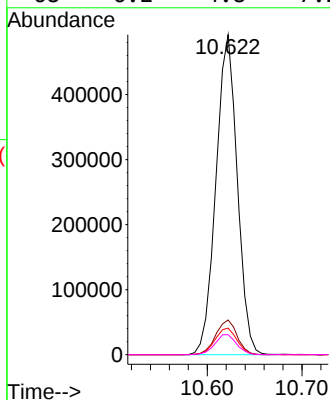
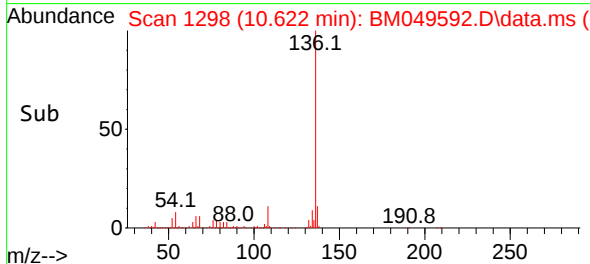
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:136 Resp: 769359
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 6.6 10.0
68 6.2 4.8 7.2

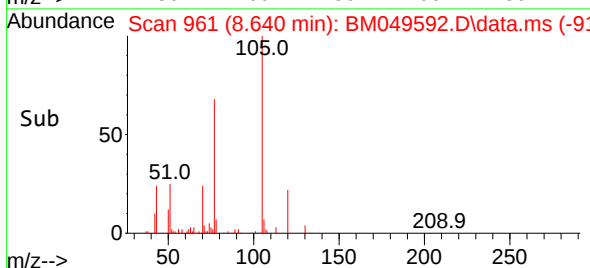
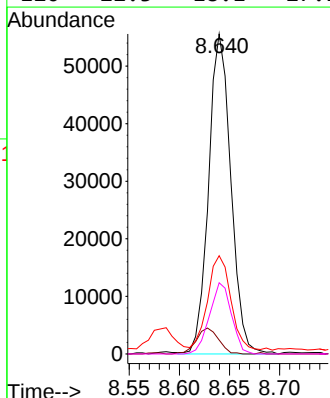
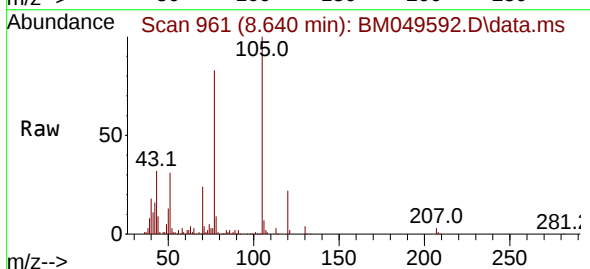
Manual Integrations
APPROVED

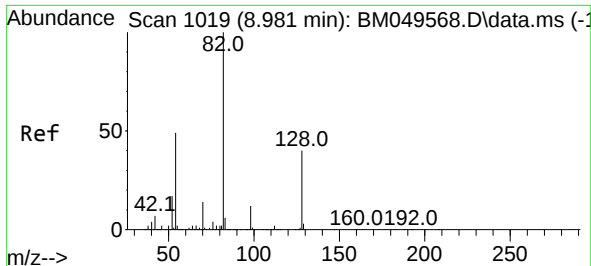
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#22
Acetophenone
Concen: 4.148 ng
RT: 8.640 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

Tgt Ion:105 Resp: 85956
Ion Ratio Lower Upper
105 100
71 4.3 3.5 5.3
51 30.7 21.7 32.5
120 22.3 18.1 27.1





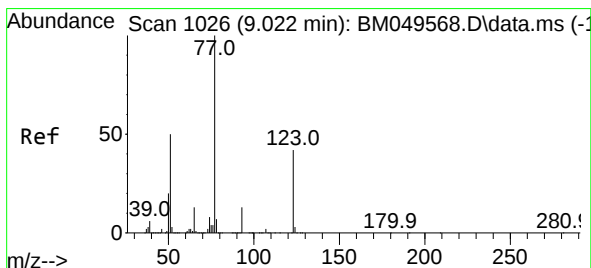
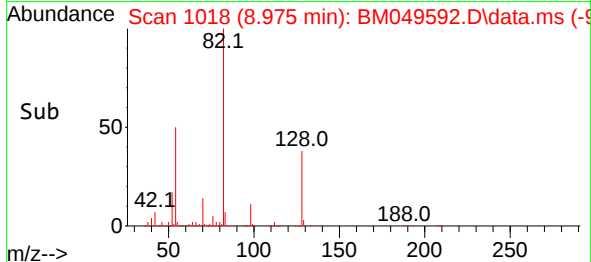
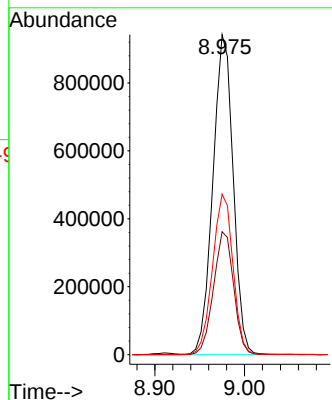
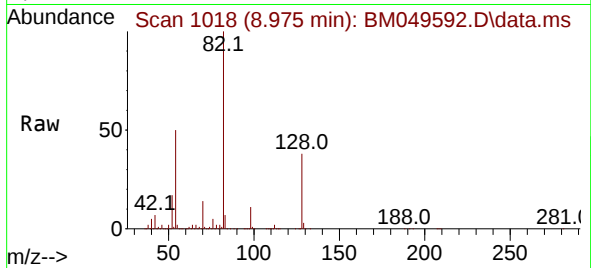
#23
Nitrobenzene-d5
Concen: 98.541 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

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

Tgt Ion: 82 Resp: 1473900
Ion Ratio Lower Upper
82 100
128 38.4 31.6 47.4
54 50.2 39.4 59.0

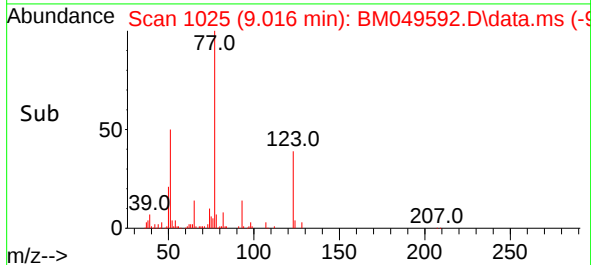
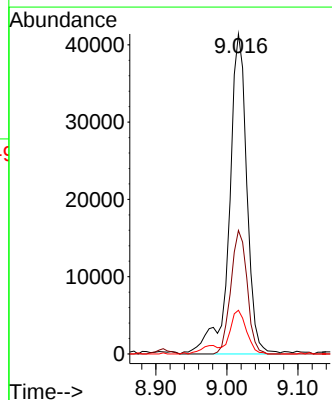
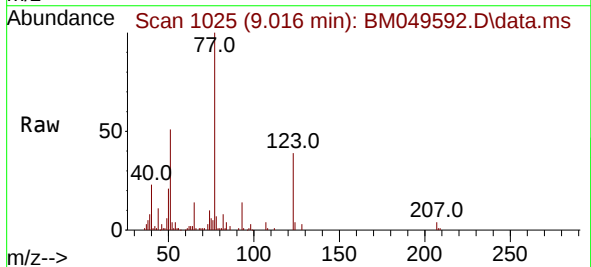
Manual Integrations
APPROVED

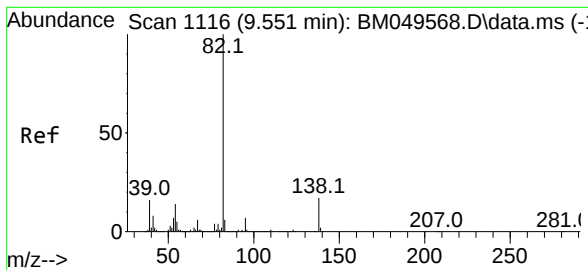
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#24
Nitrobenzene
Concen: 4.906 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

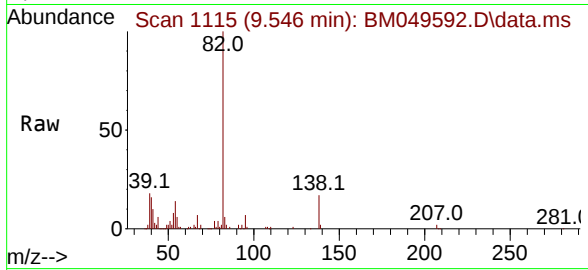
Tgt Ion: 77 Resp: 71298
Ion Ratio Lower Upper
77 100
123 38.6 33.4 50.2
65 13.7 10.5 15.7





#25
Isophorone
Concen: 3.923 ng
RT: 9.546 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

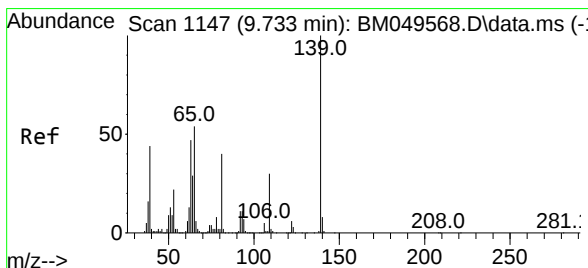
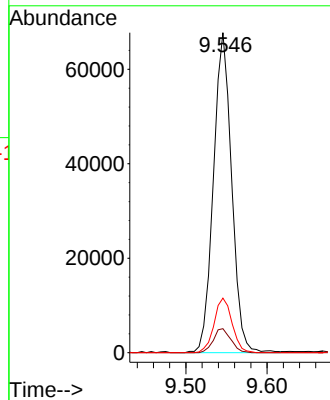
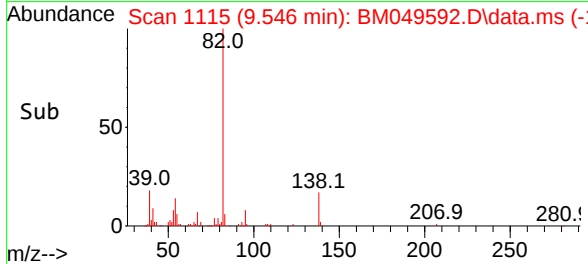
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



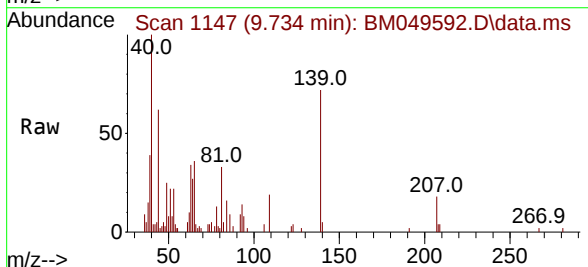
Tgt Ion: 82 Resp: 105820
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 17.1 13.6 20.4

Manual Integrations
APPROVED

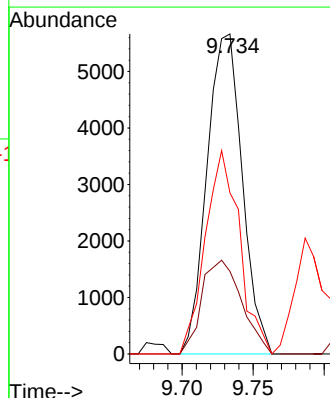
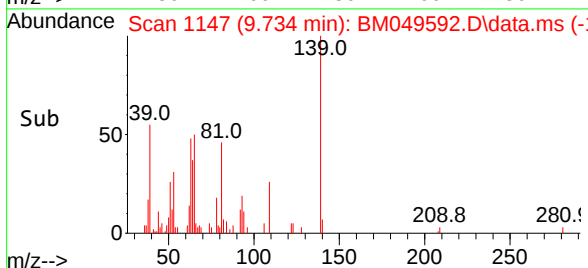
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

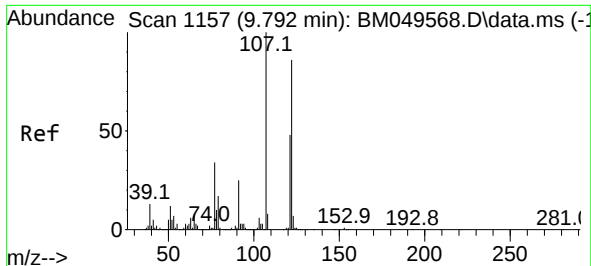


#26
2-Nitrophenol
Concen: 4.313 ng
RT: 9.734 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34



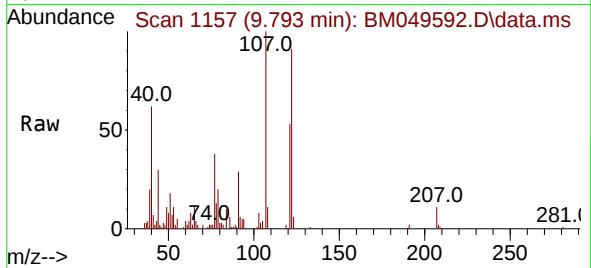
Tgt Ion:139 Resp: 9802
Ion Ratio Lower Upper
139 100
109 25.8 24.2 36.2
65 50.4 43.4 65.2





#27
2,4-Dimethylphenol
Concen: 2.704 ng m
RT: 9.793 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

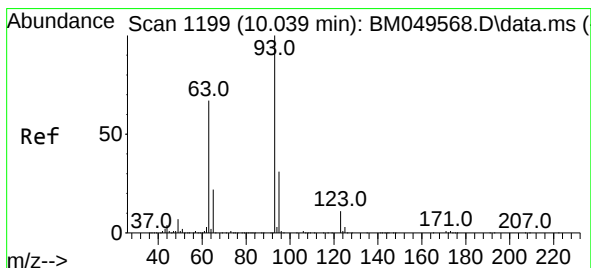
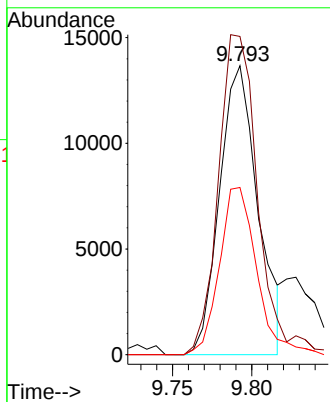
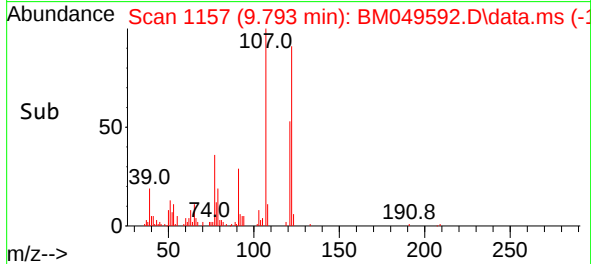
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:122 Resp: 2306
Ion Ratio Lower Upper
122 100
107 110.1 93.2 139.8
121 57.9 44.4 66.6

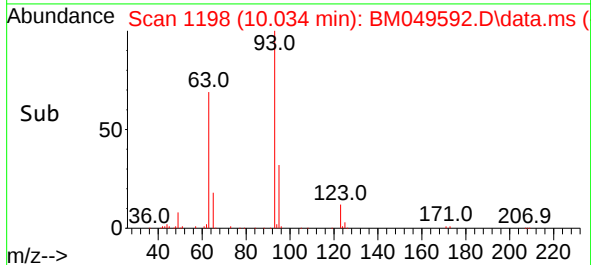
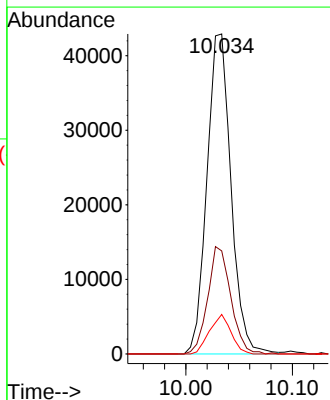
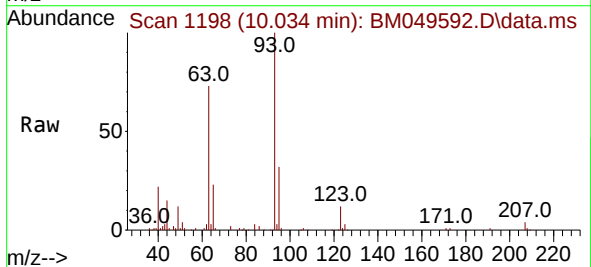
Manual Integrations
APPROVED

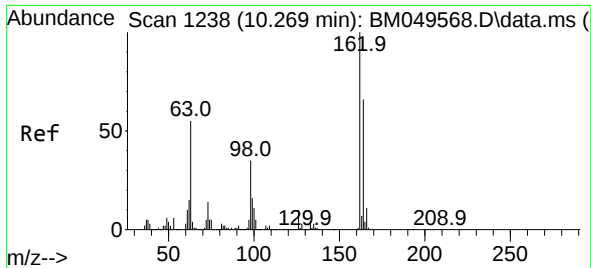
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 3.883 ng
RT: 10.034 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

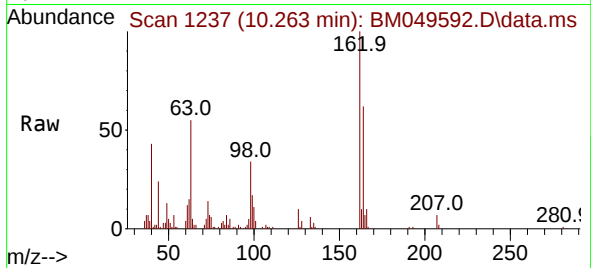
Tgt Ion: 93 Resp: 67459
Ion Ratio Lower Upper
93 100
95 32.2 25.2 37.8
123 12.4 8.6 12.8





#29
2,4-Dichlorophenol
Concen: 3.088 ng
RT: 10.263 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

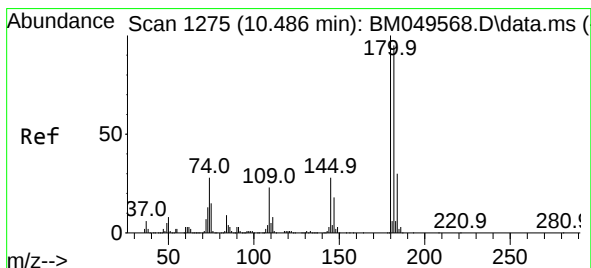
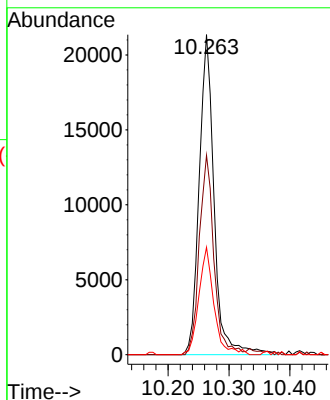
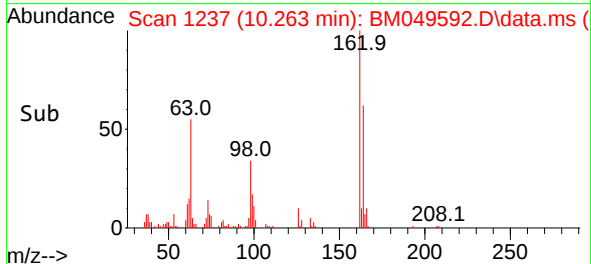
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:162 Resp: 36270
Ion Ratio Lower Upper
162 100
164 62.3 46.0 86.0
98 33.6 14.7 54.7

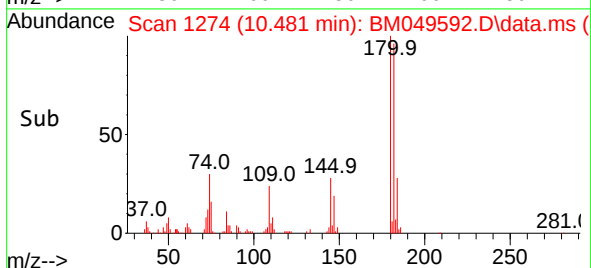
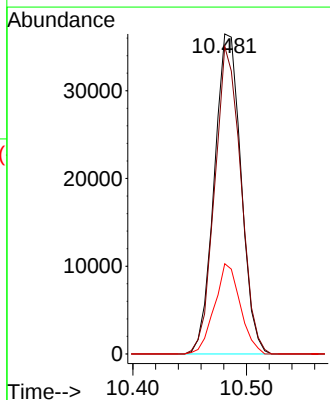
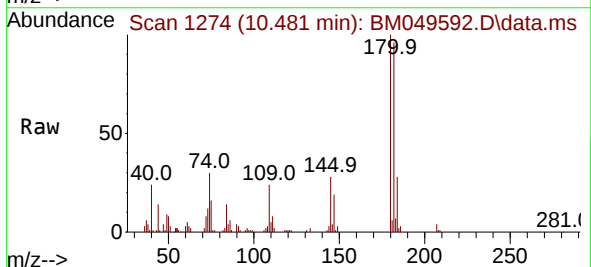
Manual Integrations
APPROVED

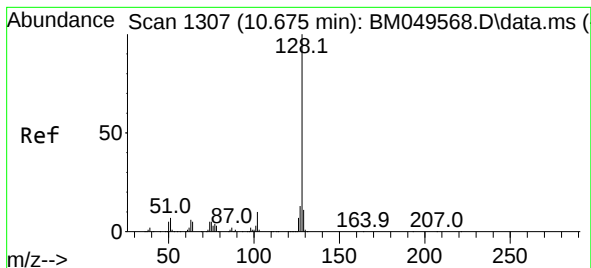
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#30
1,2,4-Trichlorobenzene
Concen: 4.138 ng
RT: 10.481 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

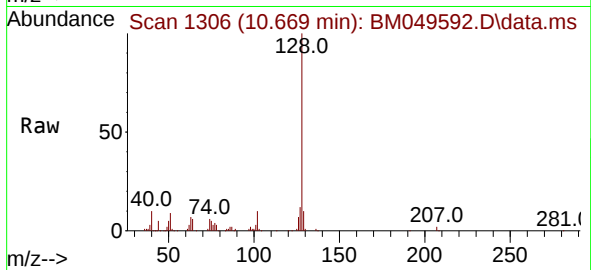
Tgt Ion:180 Resp: 59554
Ion Ratio Lower Upper
180 100
182 96.0 76.4 114.6
145 28.2 22.5 33.7





#31
Naphthalene
Concen: 3.941 ng
RT: 10.669 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

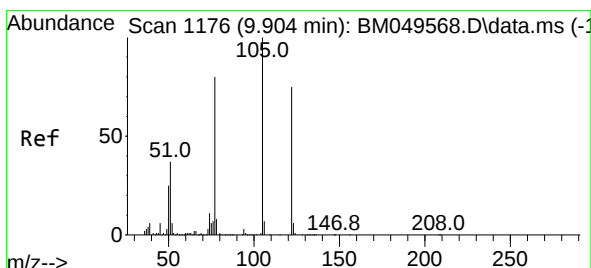
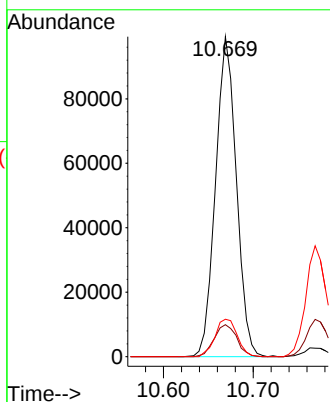
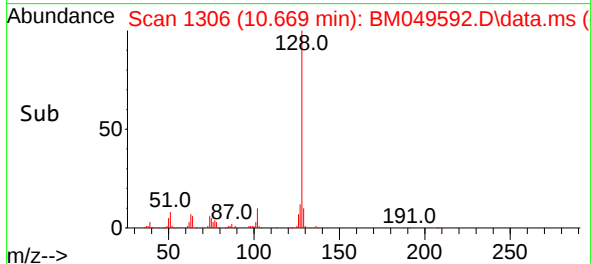
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:128 Resp: 15990
Ion Ratio Lower Upper
128 100
129 10.0 9.0 13.4
127 11.7 10.6 15.8

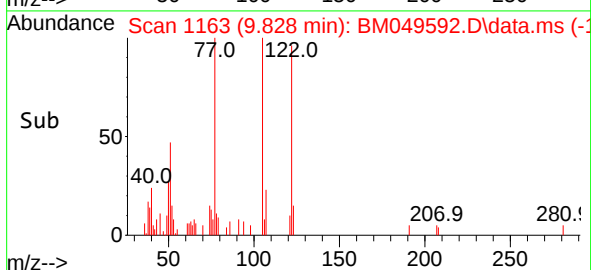
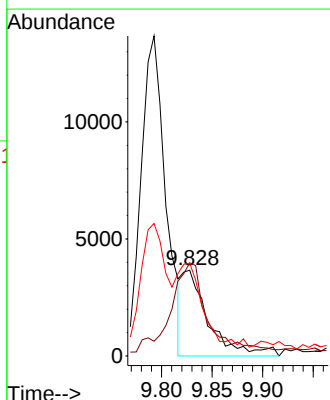
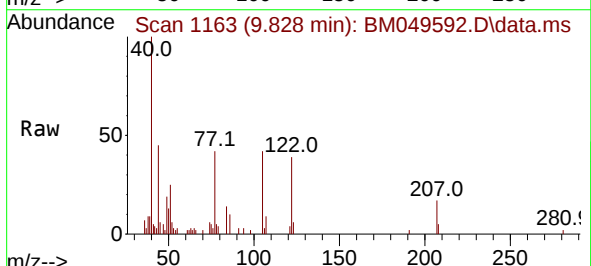
Manual Integrations
APPROVED

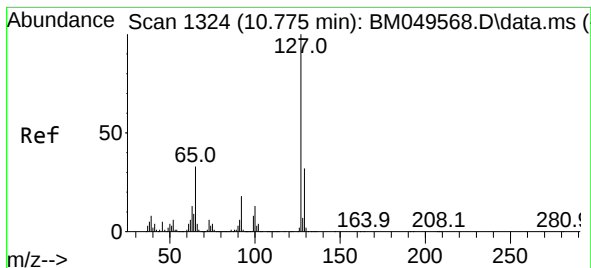
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#32
Benzoic acid
Concen: 6.543 ng m
RT: 9.828 min Scan# 1163
Delta R.T. -0.076 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

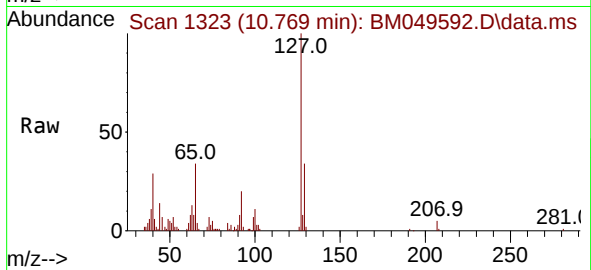
Tgt Ion:122 Resp: 6724
Ion Ratio Lower Upper
122 100
105 108.6 103.6 143.6
77 108.3 82.4 122.4





#33
4-Chloroaniline
Concen: 3.755 ng
RT: 10.769 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

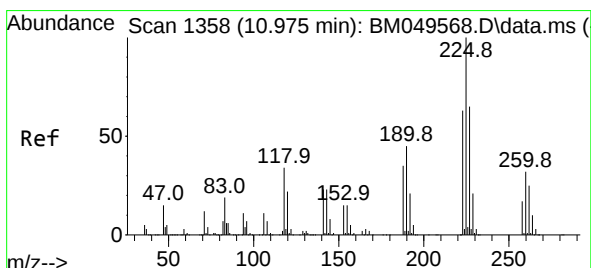
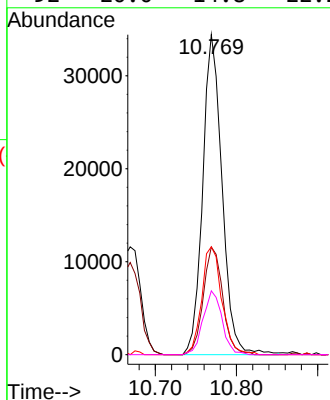
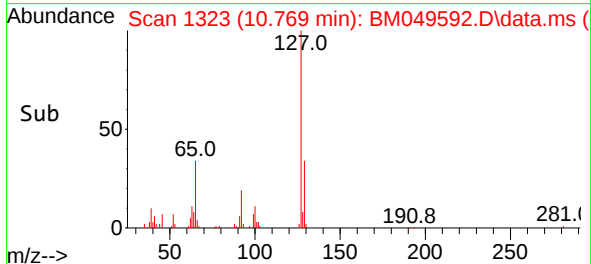
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



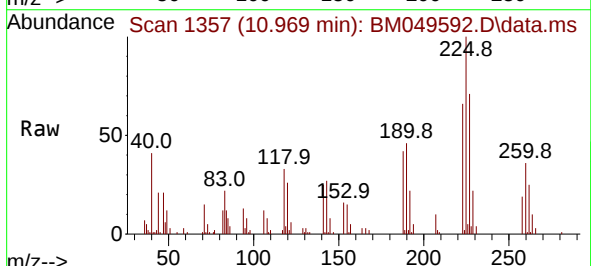
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.8	38.8
65	33.7	26.4	39.6
92	20.0	14.8	22.2

Manual Integrations
APPROVED

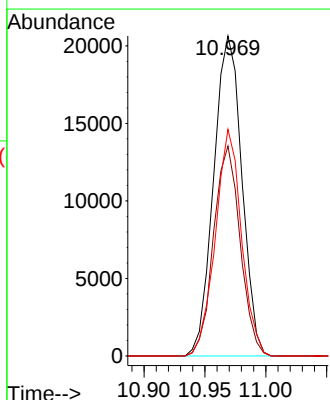
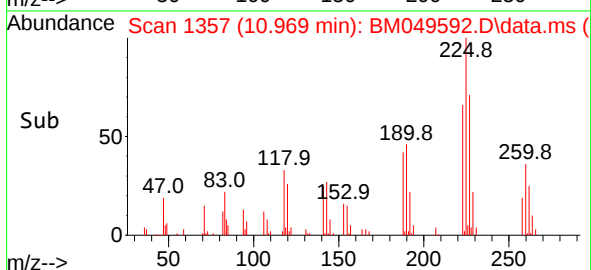
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

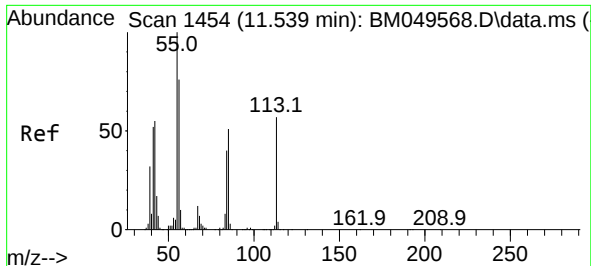


#34
Hexachlorobutadiene
Concen: 3.854 ng
RT: 10.969 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34



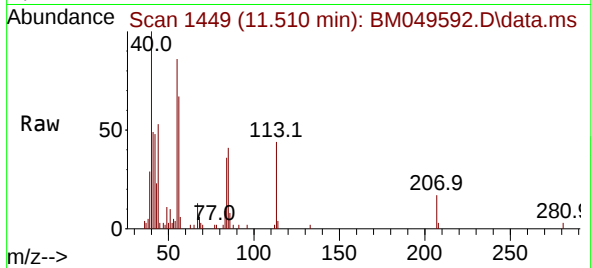
Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	50.6	75.8
227	70.8	51.8	77.6





#35
Caprolactam
Concen: 2.476 ng m
RT: 11.510 min Scan# 1454
Delta R.T. -0.029 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

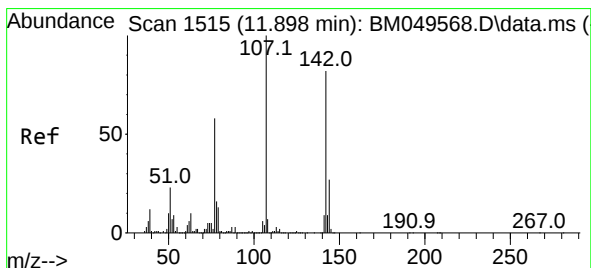
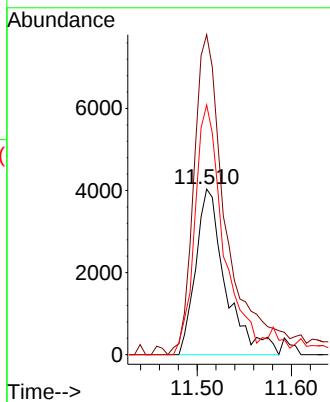
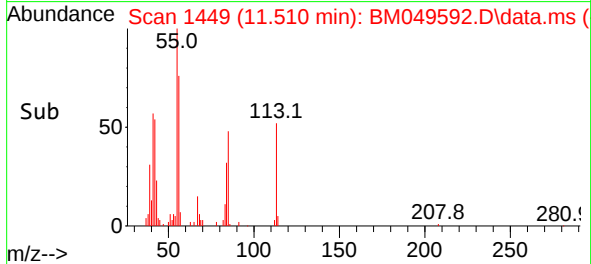
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



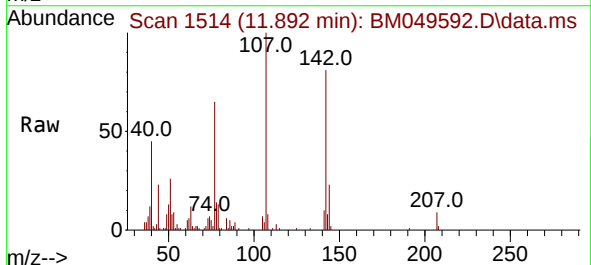
Tgt Ion:113 Resp: 887
Ion Ratio Lower Upper
113 100
55 193.2 157.5 197.5
56 150.8 114.6 154.6

Manual Integrations
APPROVED

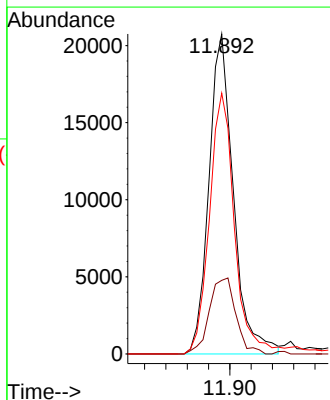
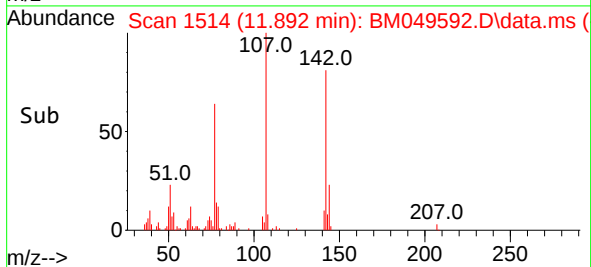
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

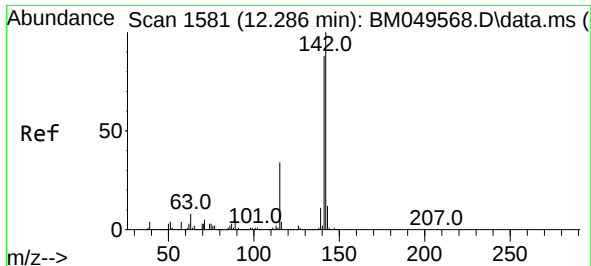


#36
4-Chloro-3-methylphenol
Concen: 2.827 ng
RT: 11.892 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34



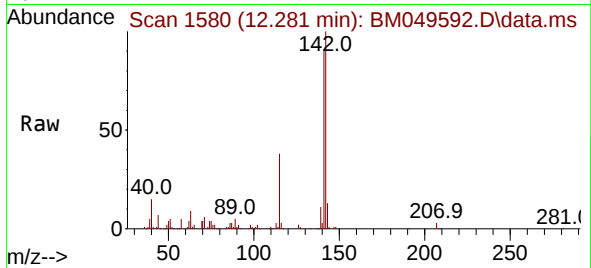
Tgt Ion:107 Resp: 33120
Ion Ratio Lower Upper
107 100
144 23.0 21.2 31.8
142 81.5 65.4 98.2





#37
2-Methylnaphthalene
Concen: 3.661 ng
RT: 12.281 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

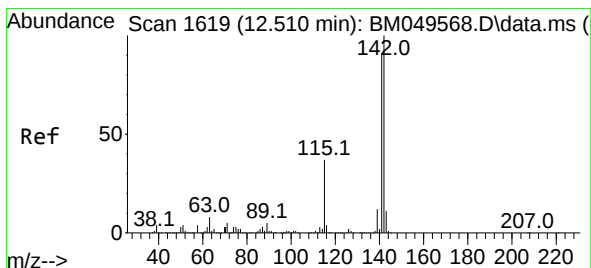
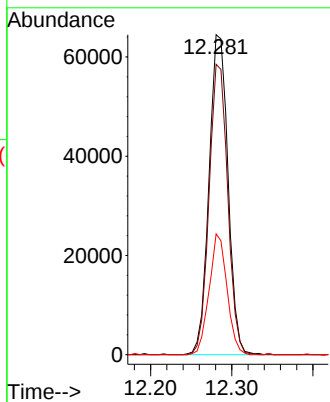
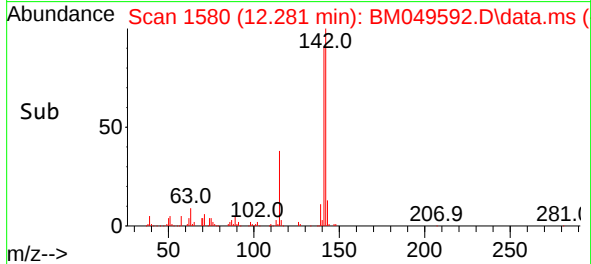
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:142 Resp: 104584
Ion Ratio Lower Upper
142 100
141 90.7 70.2 105.4
115 37.7 27.5 41.3

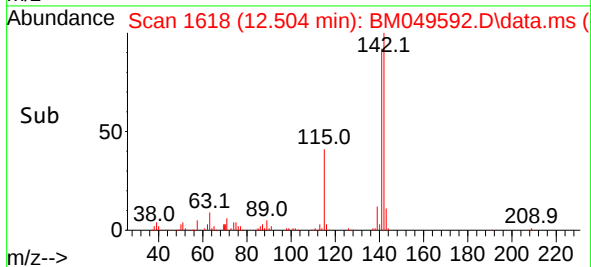
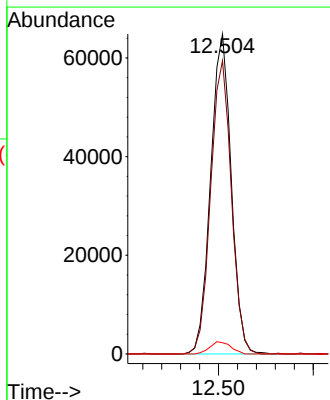
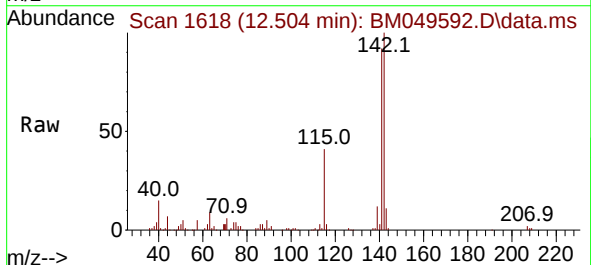
Manual Integrations
APPROVED

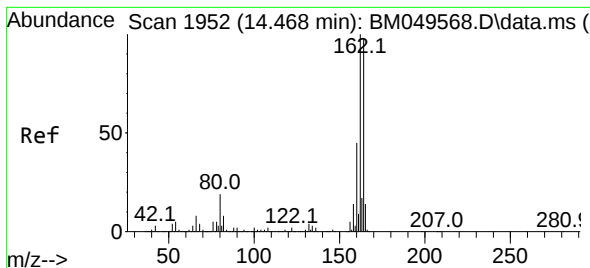
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#38
1-Methylnaphthalene
Concen: 3.511 ng
RT: 12.504 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

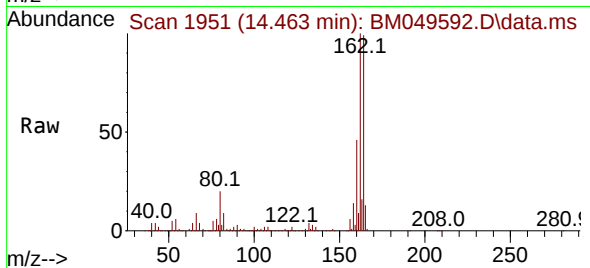
Tgt Ion:142 Resp: 97604
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7
116 3.5 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

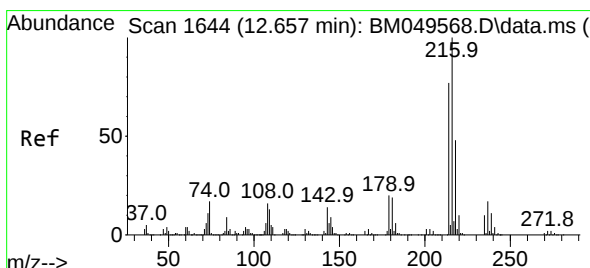
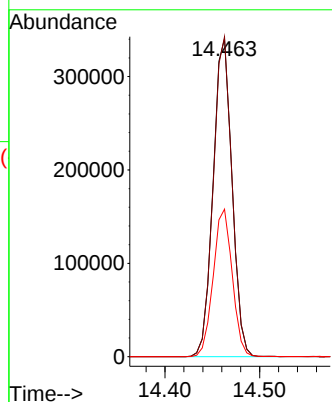
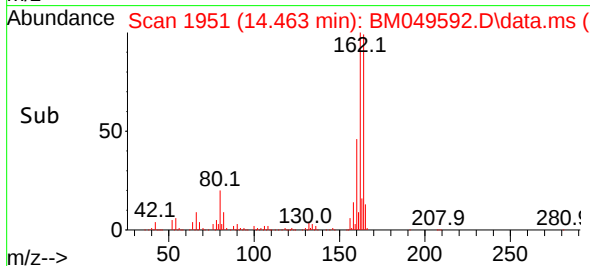
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



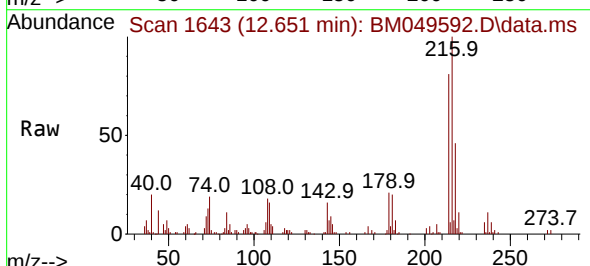
Tgt Ion:164 Resp: 47178
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 46.5 36.2 54.4

Manual Integrations
APPROVED

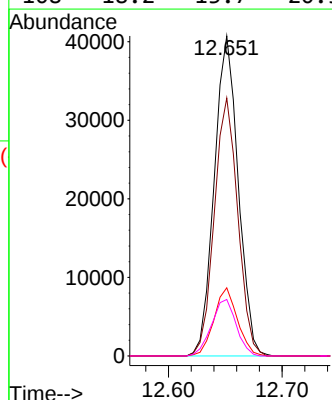
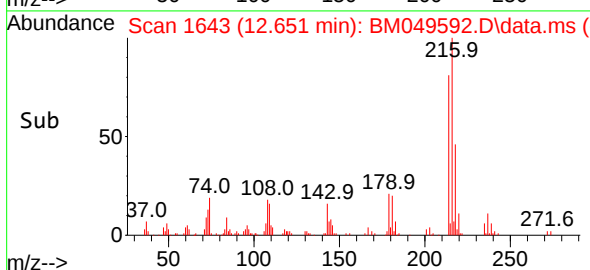
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

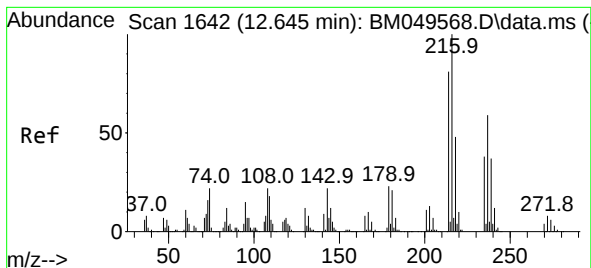


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.849 ng
RT: 12.651 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34



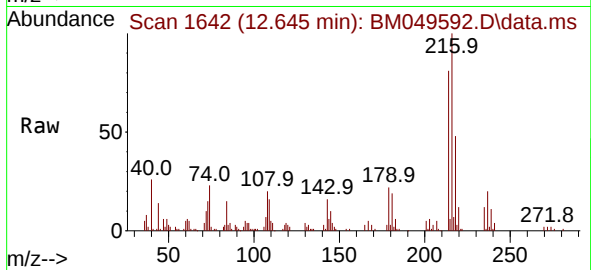
Tgt Ion:216 Resp: 59699
Ion Ratio Lower Upper
216 100
214 79.0 62.4 93.6
179 20.9 16.3 24.5
108 18.2 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 2.670 ng
RT: 12.645 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

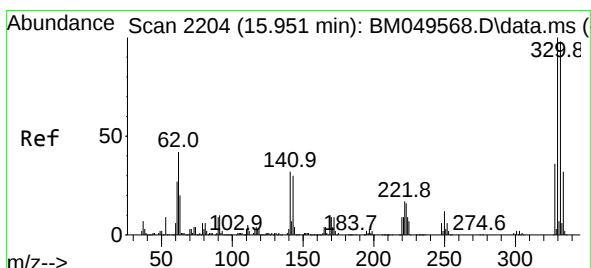
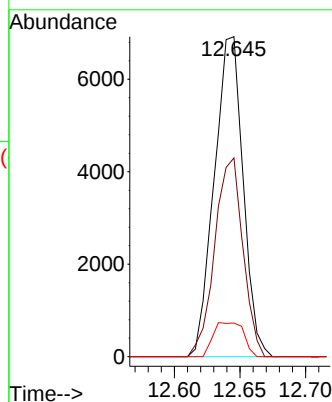
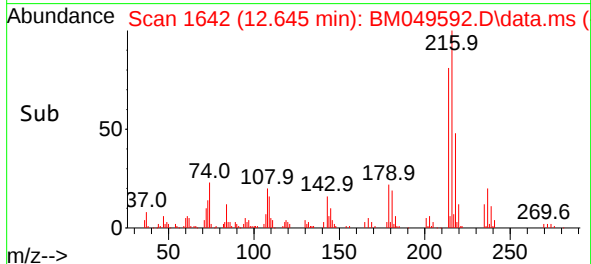
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



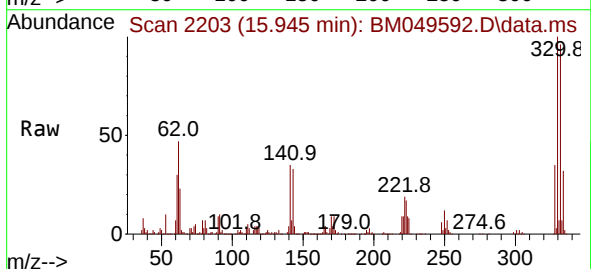
Tgt Ion:237 Resp: 1057
Ion Ratio Lower Upper
237 100
235 62.1 43.8 83.8
272 10.5 0.0 33.5

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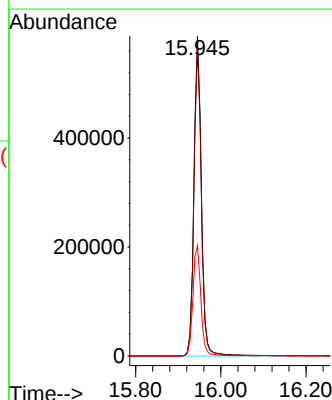
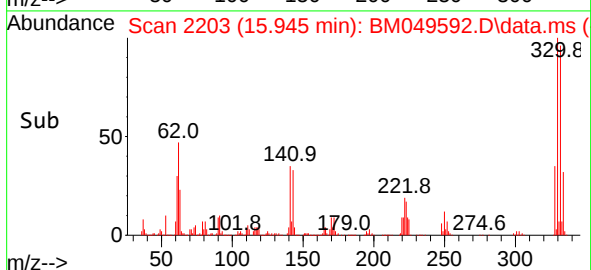
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

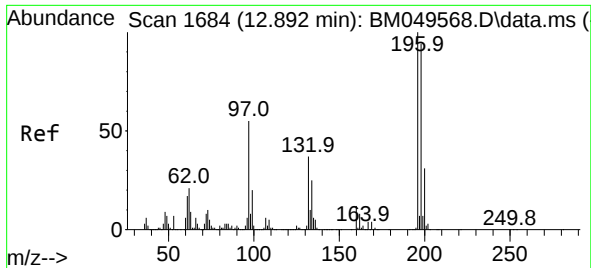


#42
2,4,6-Tribromophenol
Concen: 127.254 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34



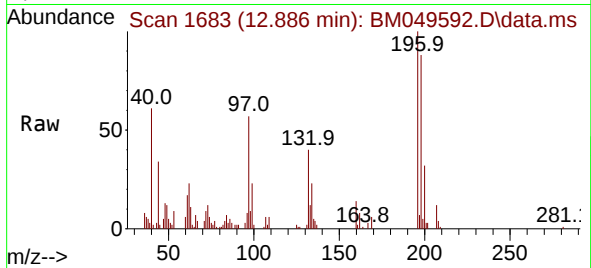
Tgt Ion:330 Resp: 711385
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 37.1 28.2 42.2





#43
2,4,6-Trichlorophenol
Concen: 2.397 ng
RT: 12.886 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

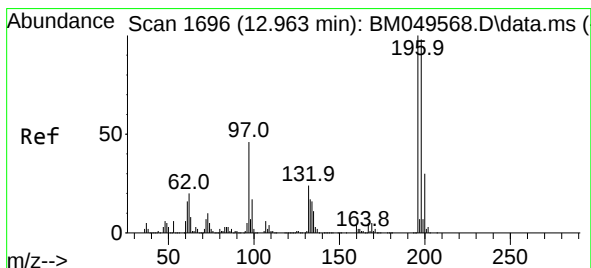
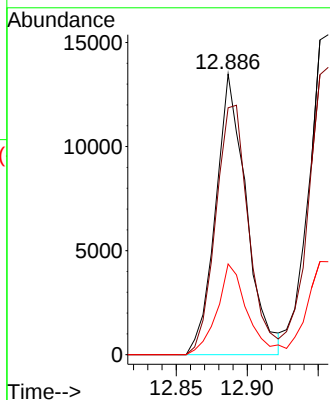
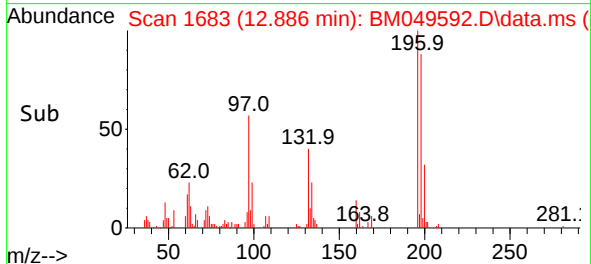
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



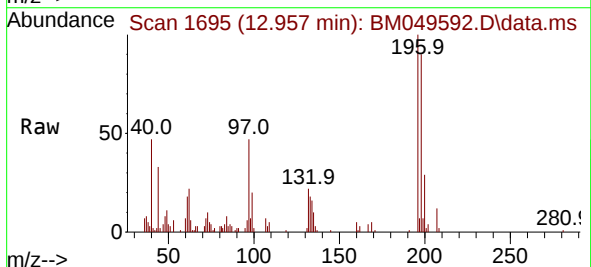
Tgt Ion:196 Resp: 2029
Ion Ratio Lower Upper
196 100
198 87.9 75.4 113.0
200 32.3 25.1 37.7

Manual Integrations
APPROVED

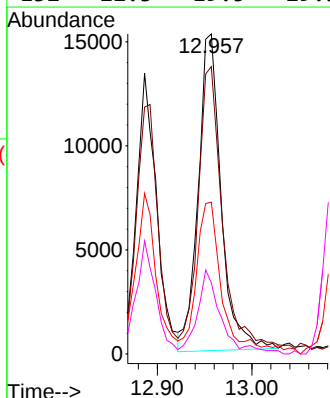
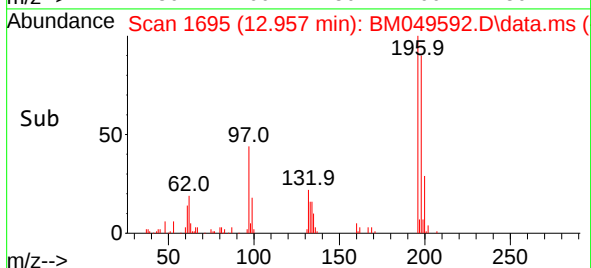
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

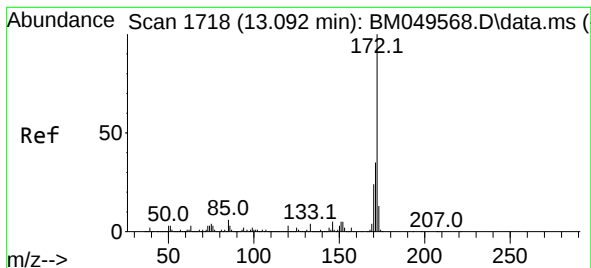


#44
2,4,5-Trichlorophenol
Concen: 2.762 ng
RT: 12.957 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34



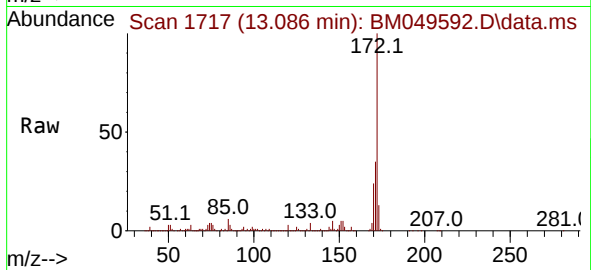
Tgt Ion:196 Resp: 25693
Ion Ratio Lower Upper
196 100
198 89.8 78.4 117.6
97 47.5 37.4 56.0
132 22.3 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 98.669 ng
RT: 13.086 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

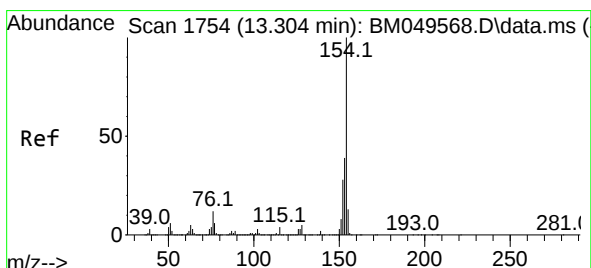
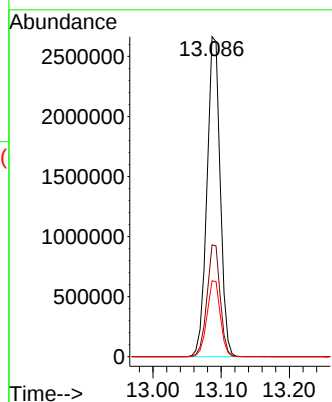
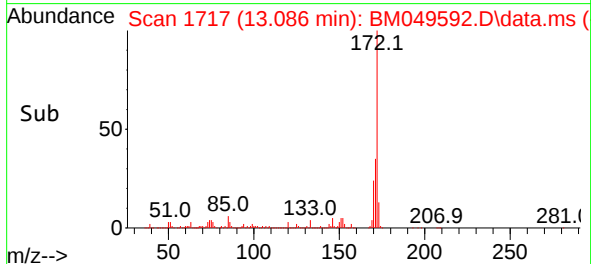
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



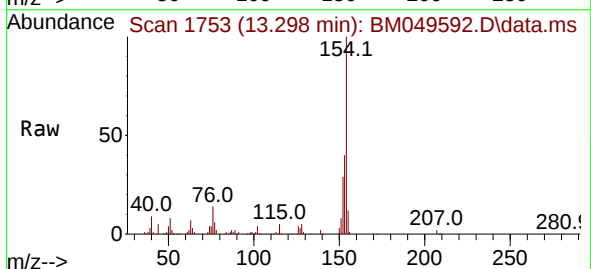
Tgt Ion:172 Resp: 3593389
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.7 19.0 28.4

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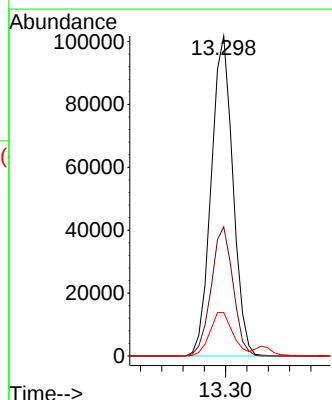
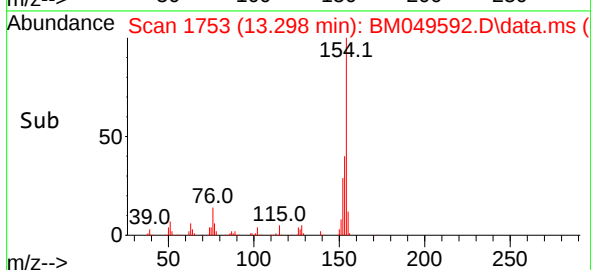
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

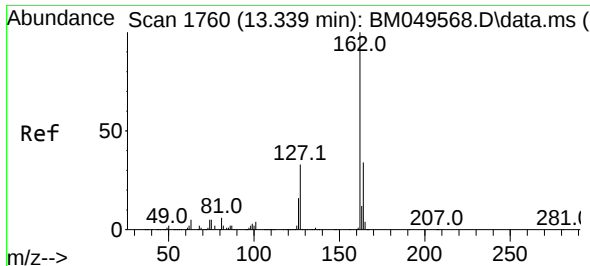


#46
1,1'-Biphenyl
Concen: 3.987 ng
RT: 13.298 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34



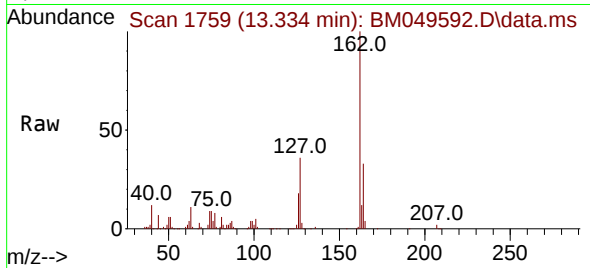
Tgt Ion:154 Resp: 143498
Ion Ratio Lower Upper
154 100
153 40.4 19.5 59.5
76 13.5 0.0 32.1





#47
2-Chloronaphthalene
Concen: 3.937 ng
RT: 13.334 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

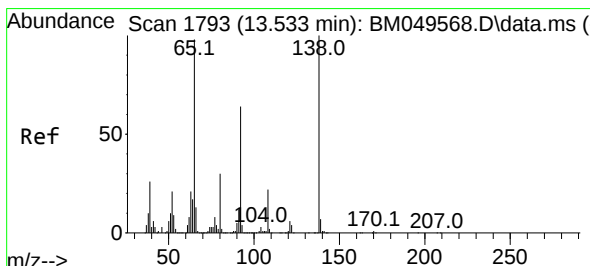
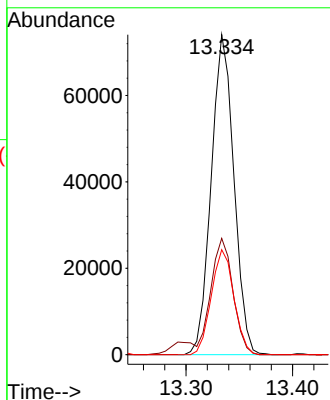
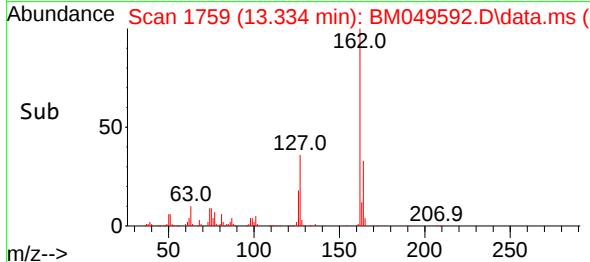
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



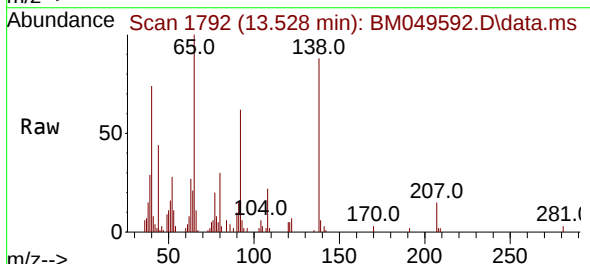
Tgt Ion:162 Resp: 109610
Ion Ratio Lower Upper
162 100
127 36.4 27.9 41.9
164 32.8 26.8 40.2

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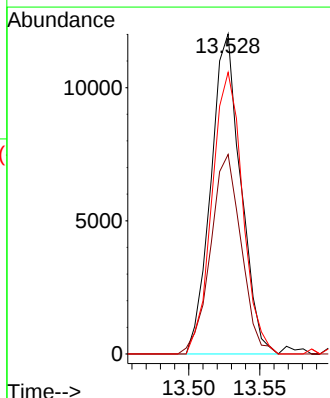
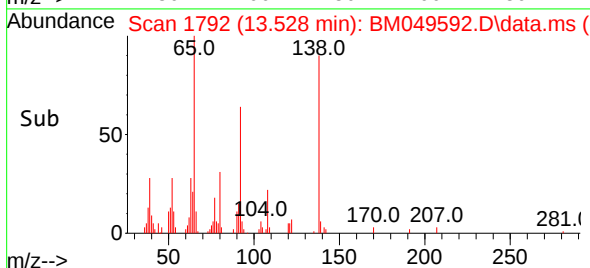
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

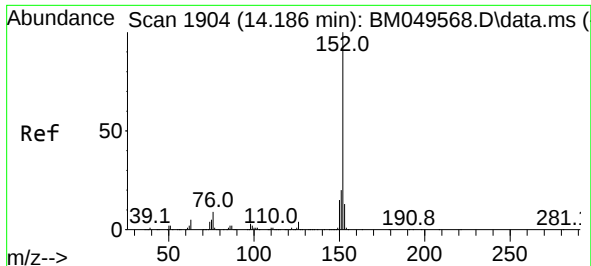


#48
2-Nitroaniline
Concen: 6.316 ng
RT: 13.528 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34



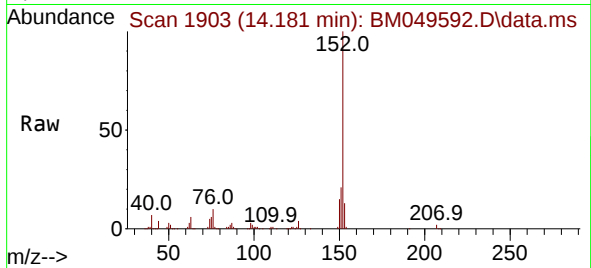
Tgt Ion: 65 Resp: 17581
Ion Ratio Lower Upper
65 100
92 62.3 52.0 78.0
138 88.0 81.6 122.4





#49
Acenaphthylene
Concen: 3.991 ng
RT: 14.181 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

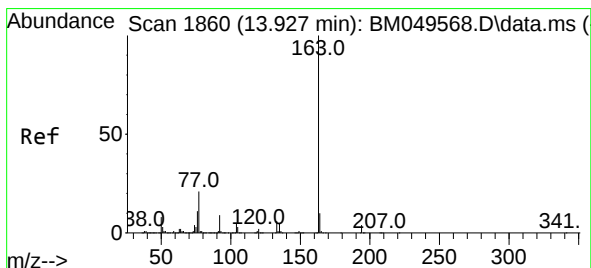
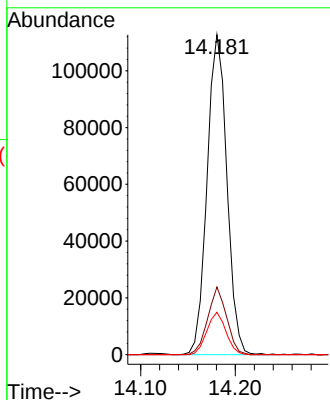
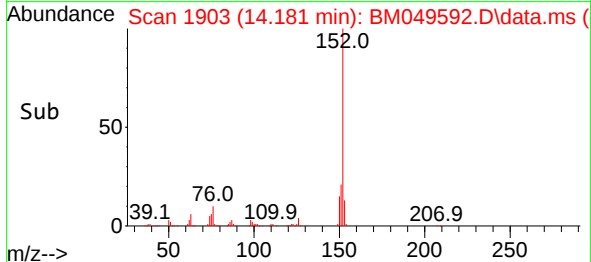
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



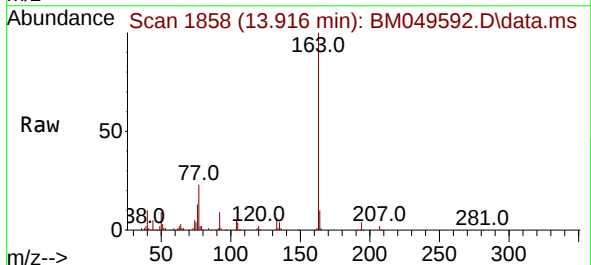
Tgt Ion:152 Resp: 16388
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4
153 13.2 10.6 16.0

Manual Integrations
APPROVED

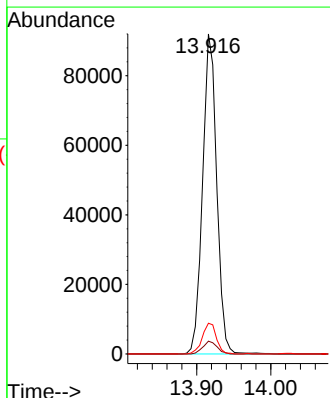
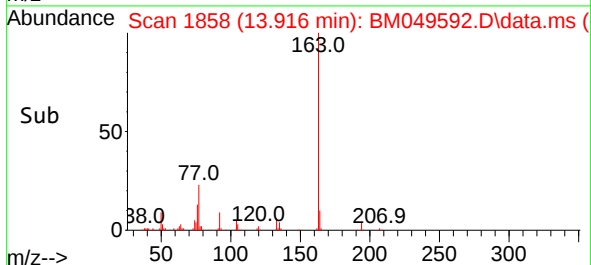
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

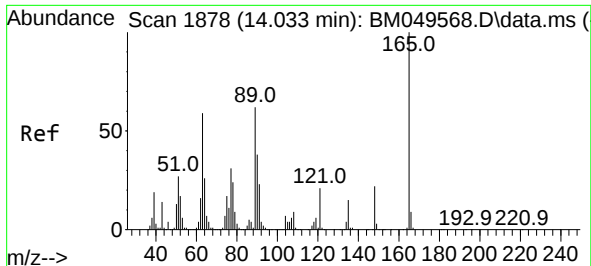


#50
Dimethylphthalate
Concen: 3.594 ng
RT: 13.916 min Scan# 1858
Delta R.T. -0.011 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34



Tgt Ion:163 Resp: 121759
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.6 8.1 12.1





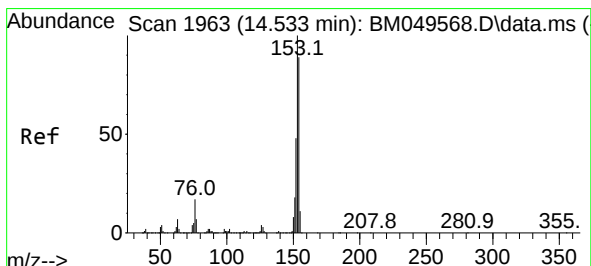
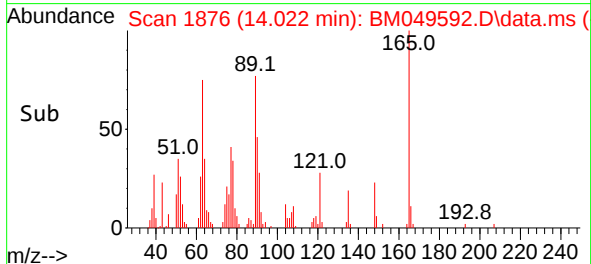
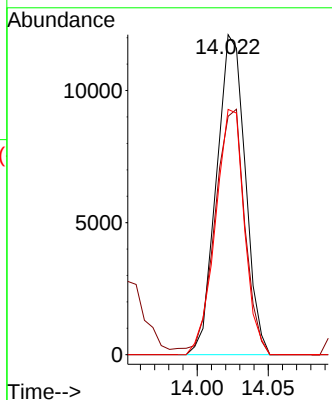
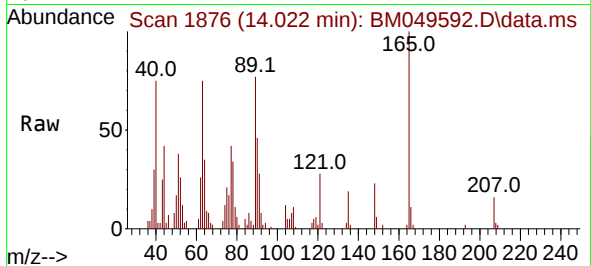
#51
2,6-Dinitrotoluene
Concen: 2.907 ng
RT: 14.022 min Scan# 1878
Delta R.T. -0.011 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

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

Tgt Ion:165 Resp: 17049
Ion Ratio Lower Upper
165 100
63 74.5 47.8 71.6
89 76.6 49.2 73.8

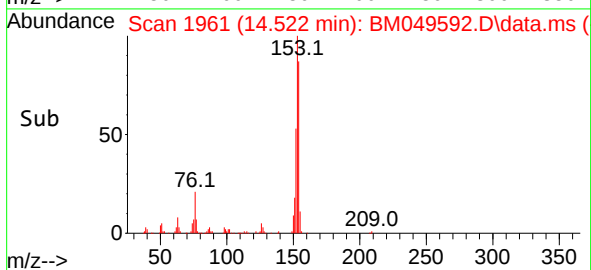
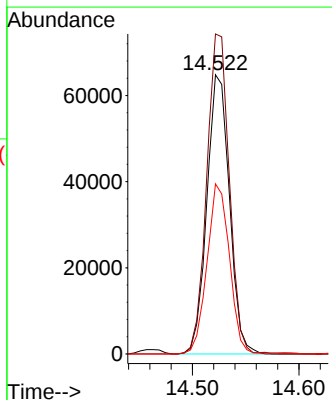
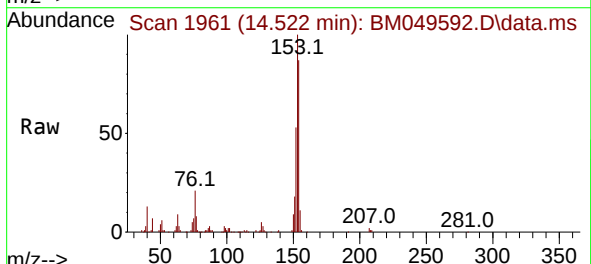
Manual Integrations
APPROVED

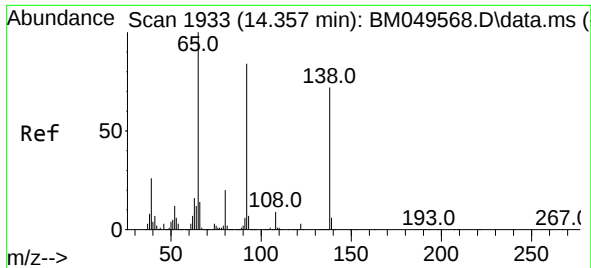
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#52
Acenaphthene
Concen: 3.505 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.011 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

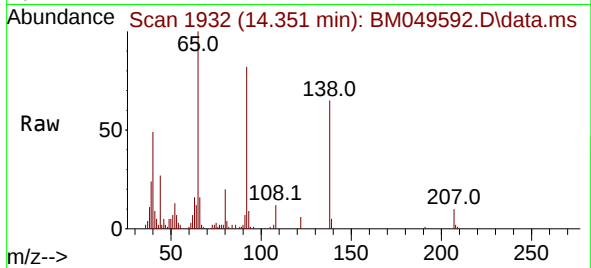
Tgt Ion:154 Resp: 95525
Ion Ratio Lower Upper
154 100
153 114.6 90.0 135.0
152 60.9 43.0 64.4





#53
3-Nitroaniline
Concen: 2.949 ng
RT: 14.351 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

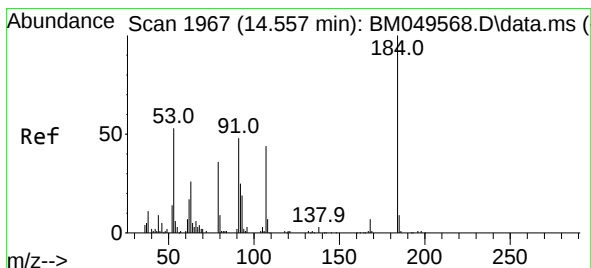
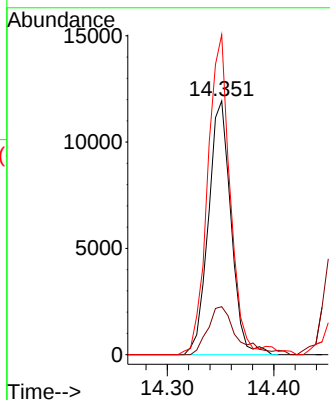
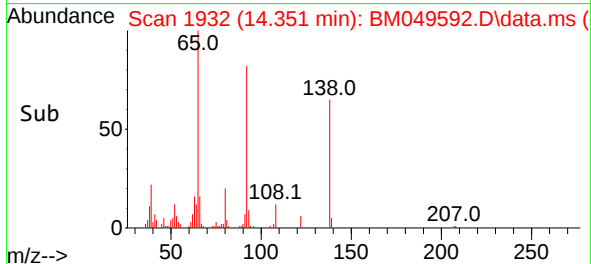
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:138 Resp: 1760
Ion Ratio Lower Upper
138 100
108 18.9 10.3 15.5
92 126.1 93.6 140.4

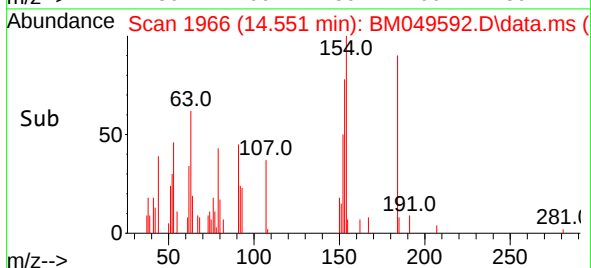
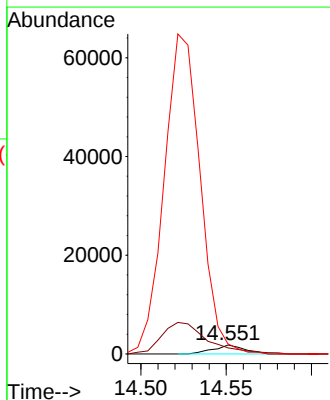
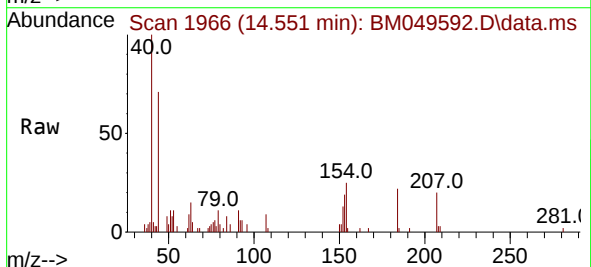
Manual Integrations
APPROVED

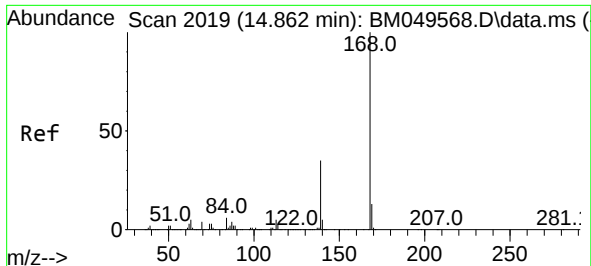
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#54
2,4-Dinitrophenol
Concen: 4.618 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

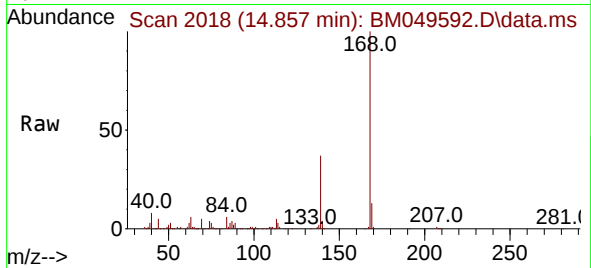
Tgt Ion:184 Resp: 2293
Ion Ratio Lower Upper
184 100
63 68.6 60.2 90.4
154 111.6 78.2 117.4





#55
Dibenzenofuran
Concen: 3.691 ng
RT: 14.857 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

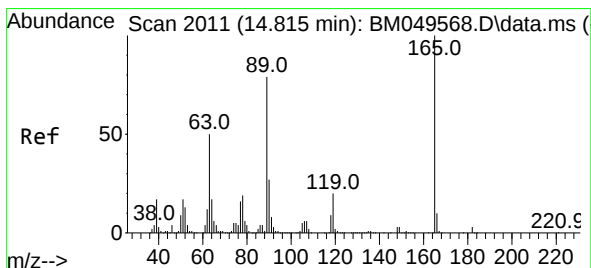
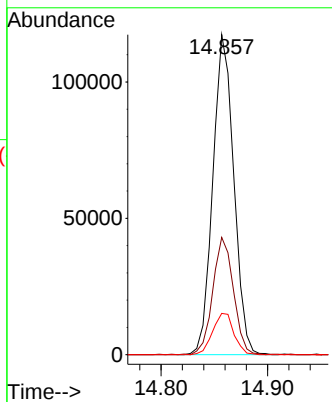
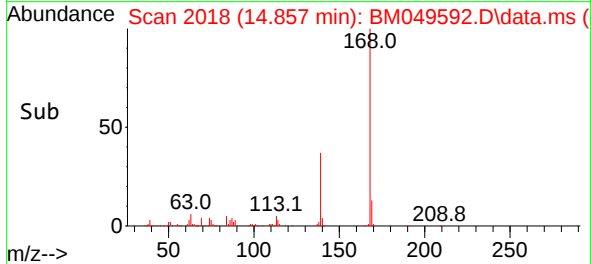
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:168 Resp: 160178
Ion Ratio Lower Upper
168 100
139 36.7 28.4 42.6
169 12.9 10.8 16.2

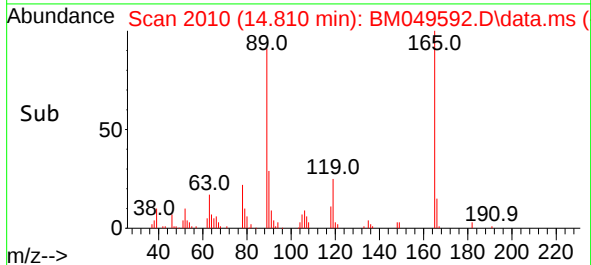
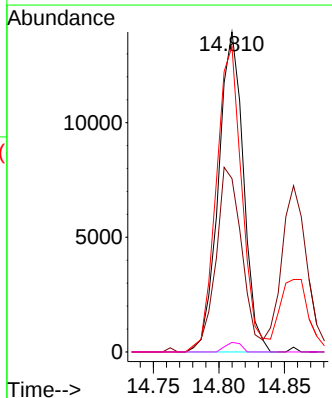
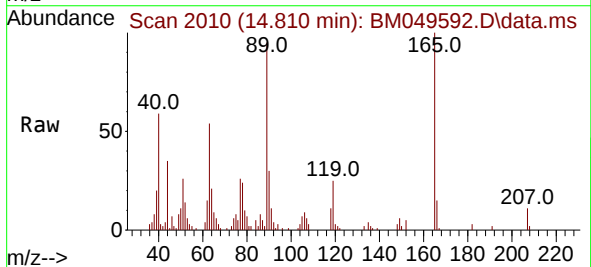
Manual Integrations
APPROVED

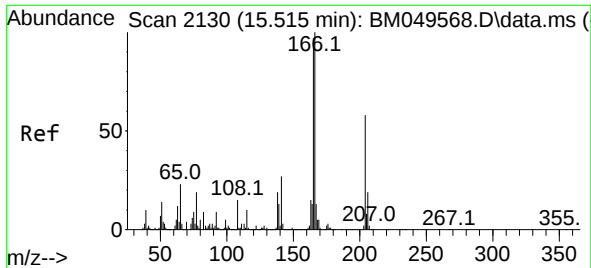
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#57
2,4-Dinitrotoluene
Concen: 5.159 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

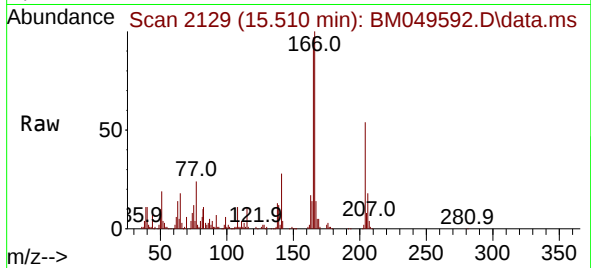
Tgt Ion:165 Resp: 18507
Ion Ratio Lower Upper
165 100
63 54.2 39.8 59.6
89 95.4 63.5 95.3#
182 3.0 2.0 3.0





#58
Fluorene
Concen: 3.343 ng
RT: 15.510 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

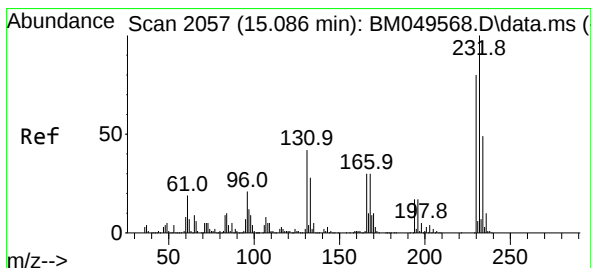
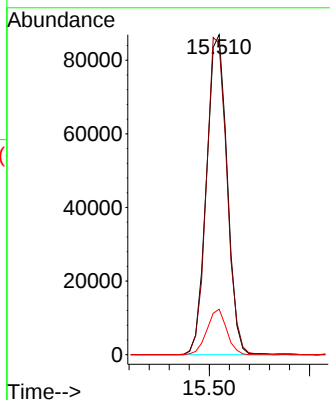
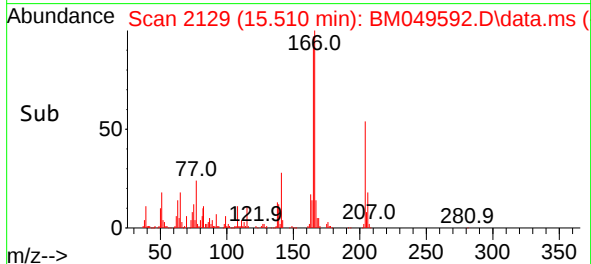
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:166 Resp: 124124
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 14.2 10.7 16.1

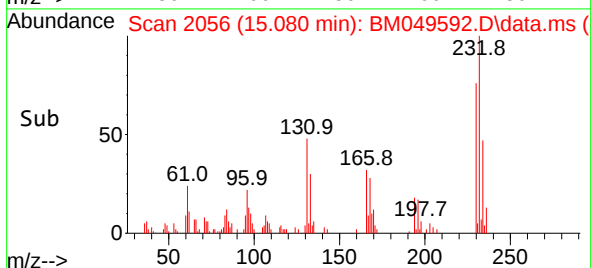
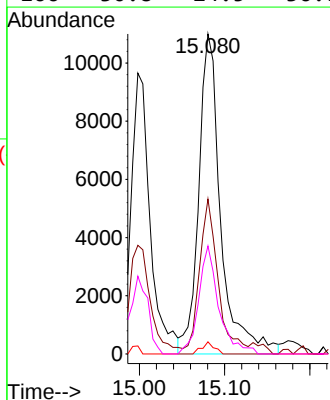
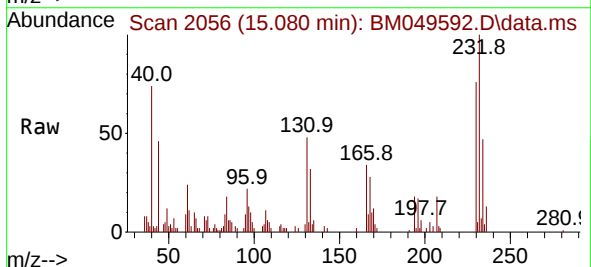
Manual Integrations
APPROVED

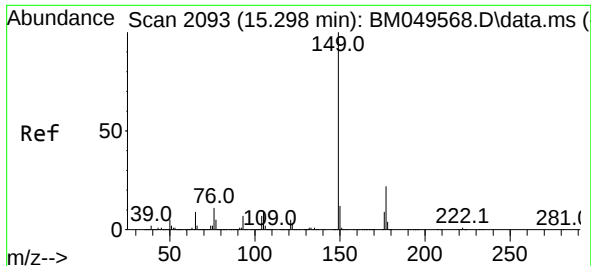
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 2.514 ng
RT: 15.080 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

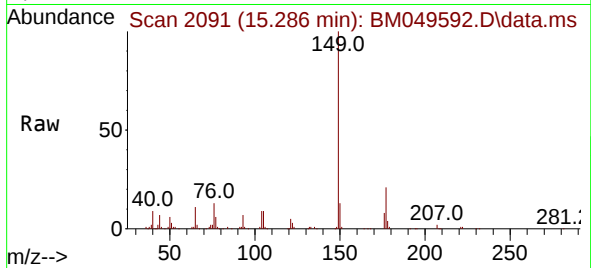
Tgt Ion:232 Resp: 19760
Ion Ratio Lower Upper
232 100
131 37.3 34.5 51.7
130 2.1 1.9 2.9
166 30.8 24.5 36.7





#60
Diethylphthalate
Concen: 3.308 ng
RT: 15.286 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

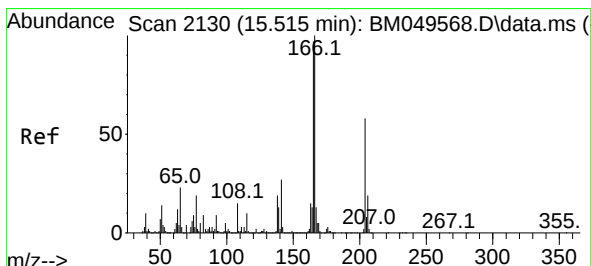
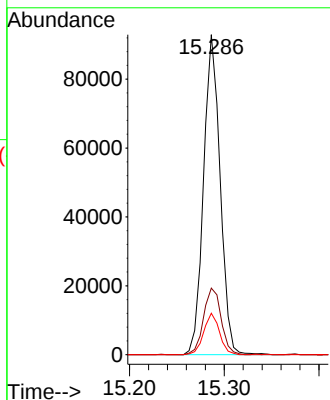
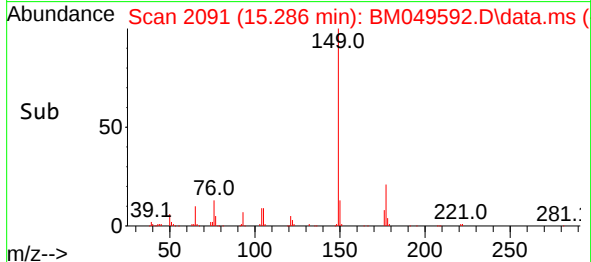
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:149 Resp: 11264
Ion Ratio Lower Upper
149 100
177 20.8 18.0 27.0
150 13.0 9.7 14.5

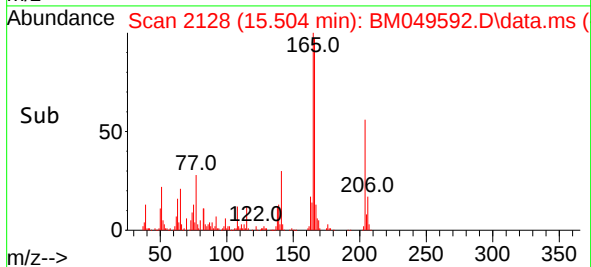
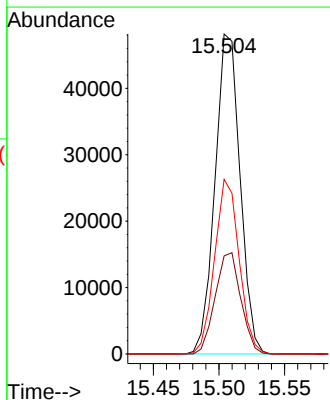
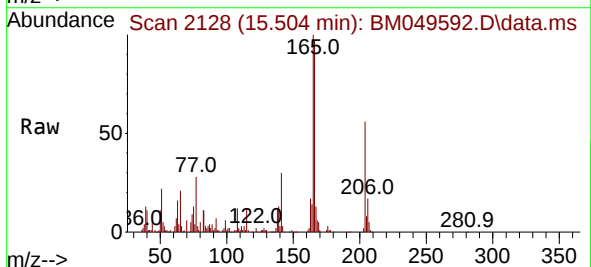
Manual Integrations
APPROVED

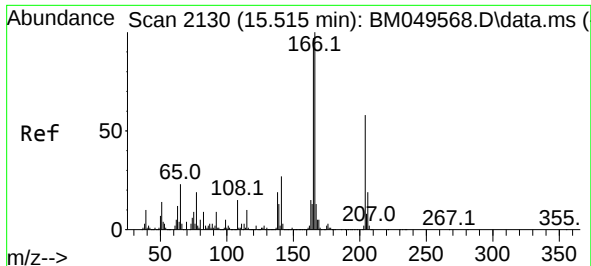
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#61
4-Chlorophenyl-phenylether
Concen: 3.241 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.011 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

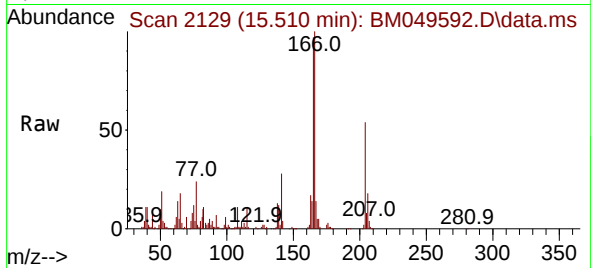
Tgt Ion:204 Resp: 64033
Ion Ratio Lower Upper
204 100
206 30.6 26.0 39.0
141 54.5 37.1 55.7





#62
4-Nitroaniline
Concen: 6.176 ng
RT: 15.510 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

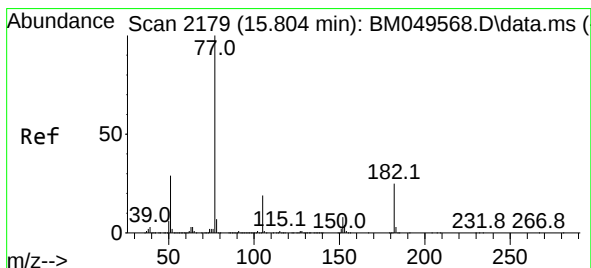
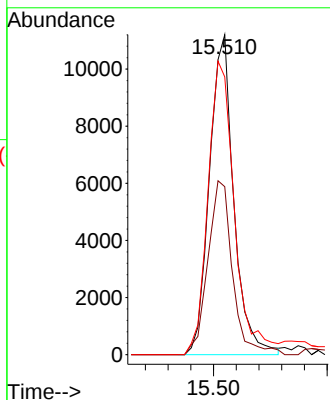
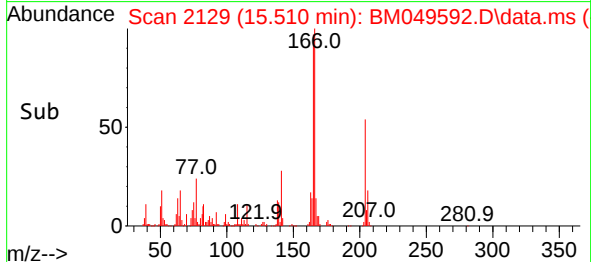
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:138 Resp: 16638
Ion Ratio Lower Upper
138 100
92 52.5 29.3 69.3
108 86.8 60.1 100.1

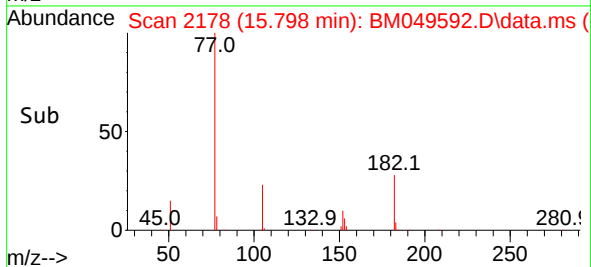
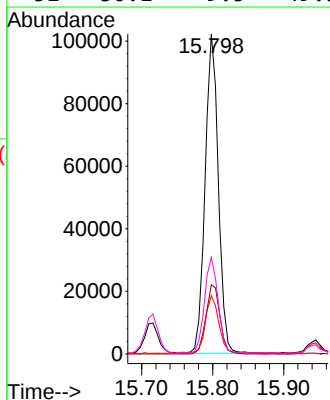
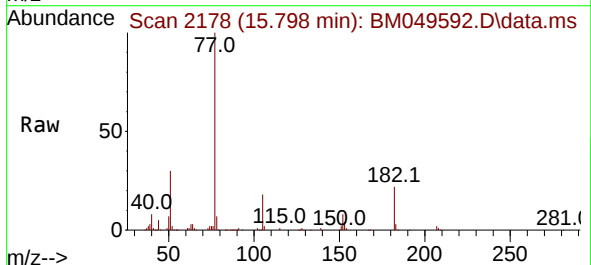
Manual Integrations
APPROVED

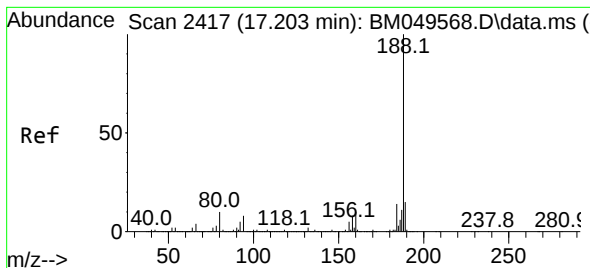
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#63
Azobenzene
Concen: 3.724 ng
RT: 15.798 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

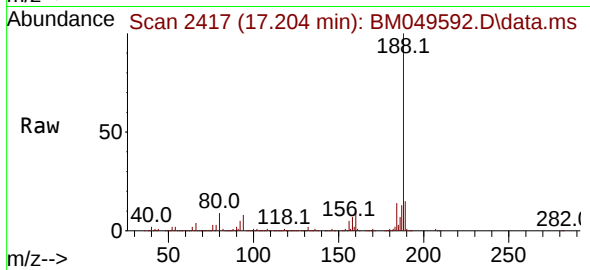
Tgt Ion: 77 Resp: 132354
Ion Ratio Lower Upper
77 100
182 21.6 4.7 44.7
105 18.2 0.0 39.3
51 30.1 9.5 49.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

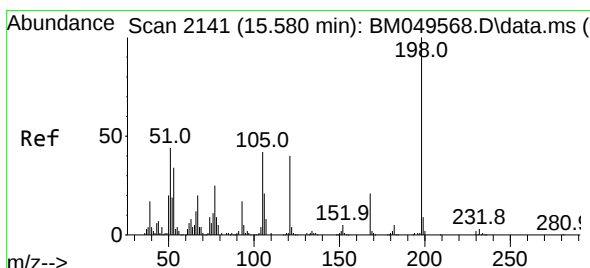
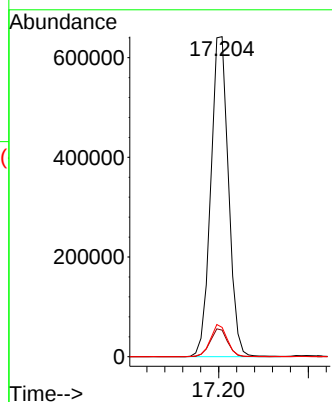
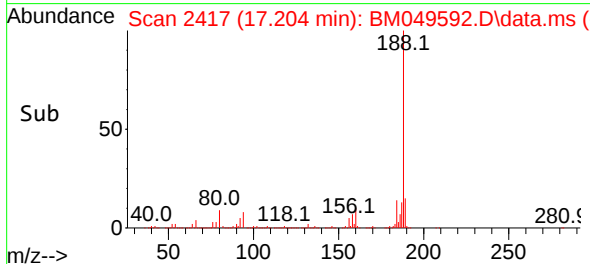
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



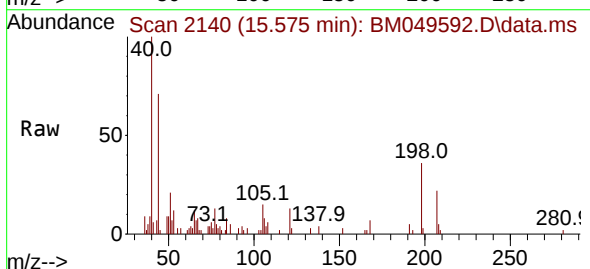
Tgt Ion:188 Resp: 879190
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.2 7.7 11.5

Manual Integrations
APPROVED

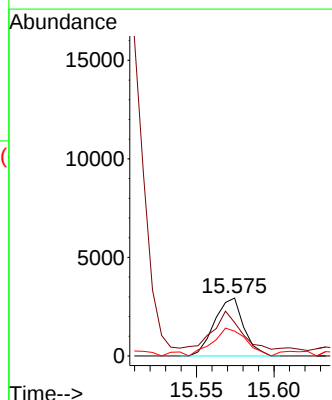
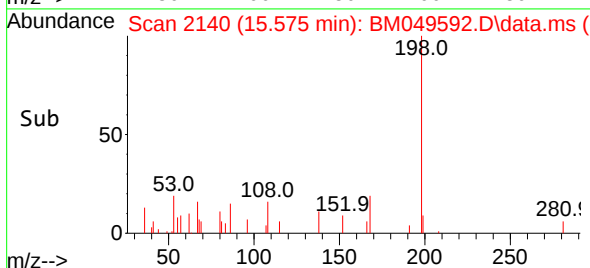
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

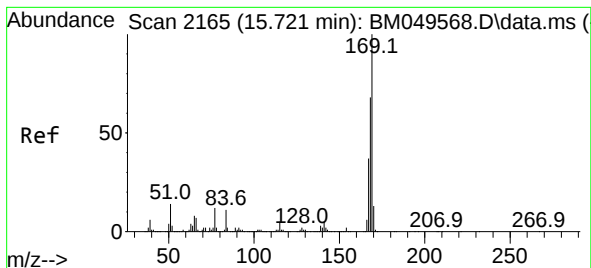


#65
4,6-Dinitro-2-methylphenol
Concen: 6.064 ng
RT: 15.575 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34



Tgt Ion:198 Resp: 3850
Ion Ratio Lower Upper
198 100
51 57.6 26.9 66.9
105 42.7 22.8 62.8





#66

n-Nitrosodiphenylamine

Concen: 3.540 ng

RT: 15.716 min Scan# 2165

Delta R.T. -0.006 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

Instrument :

BNA_M

ClientSampleId :

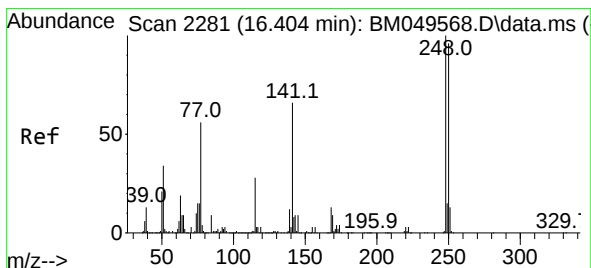
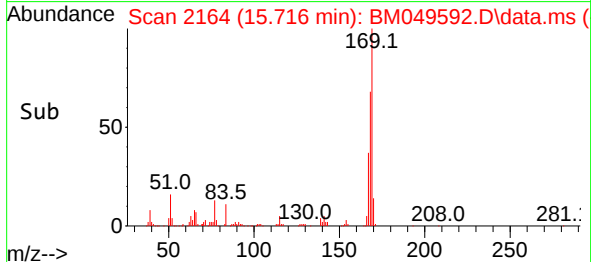
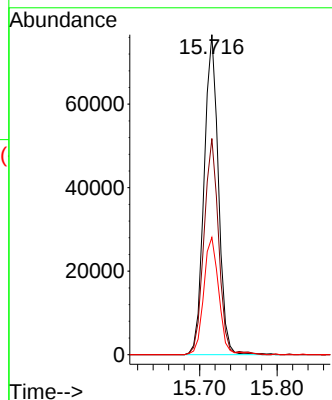
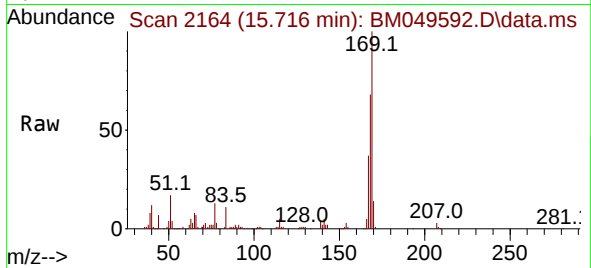
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:169	Resp:	98164
Ion Ratio	Lower	Upper
169	100	
168	67.6	54.2 81.4
167	36.6	29.5 44.3

Manual Integrations

APPROVED

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



#67

4-Bromophenyl-phenylether

Concen: 3.500 ng

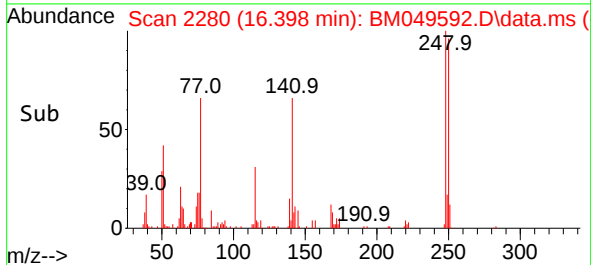
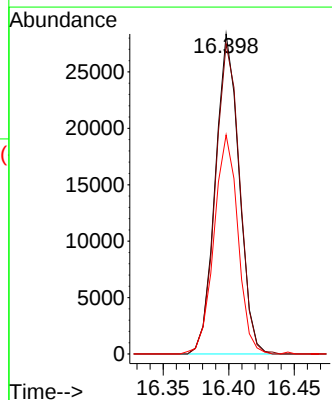
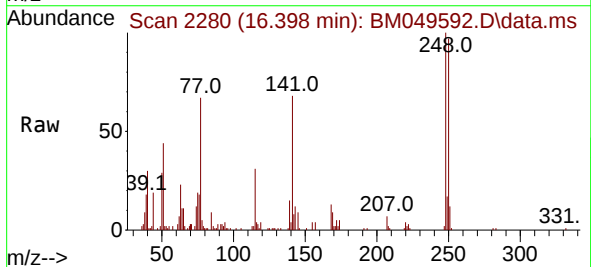
RT: 16.398 min Scan# 2280

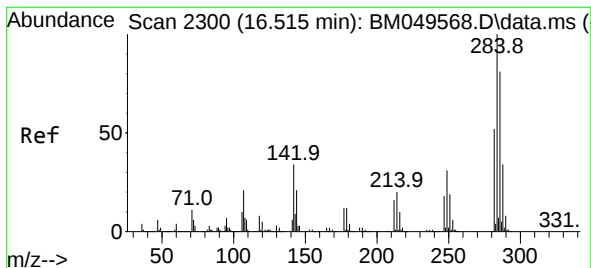
Delta R.T. -0.006 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

Tgt Ion:248	Resp:	35747
Ion Ratio	Lower	Upper
248	100	
250	97.0	77.0 115.4
141	68.4	53.0 79.4





#68

Hexachlorobenzene

Concen: 3.629 ng

RT: 16.510 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:284 Resp: 4253

Ion Ratio Lower Upper

284 100

142 36.9 27.1 40.7

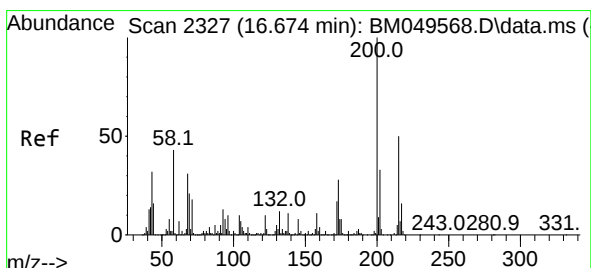
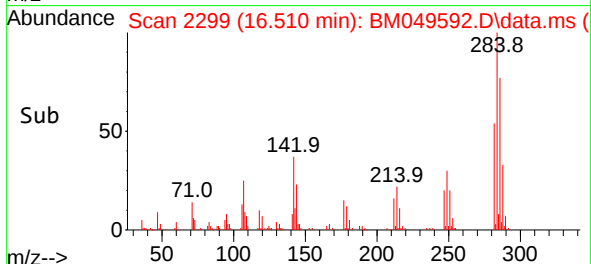
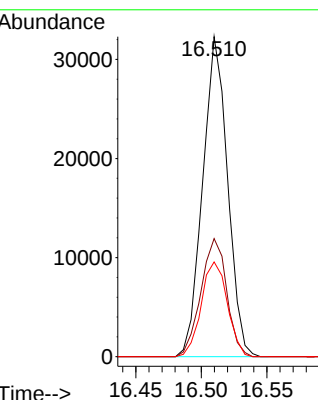
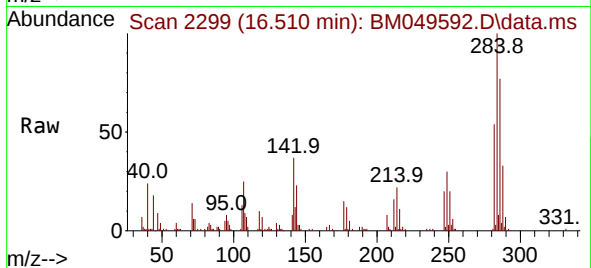
249 29.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#69

Atrazine

Concen: 3.278 ng

RT: 16.669 min Scan# 2326

Delta R.T. -0.006 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

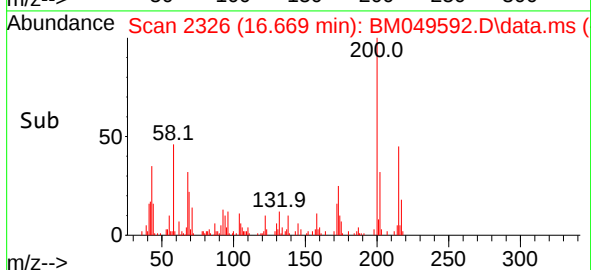
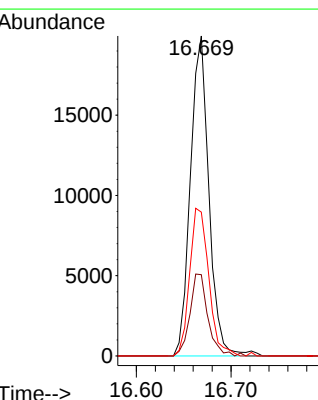
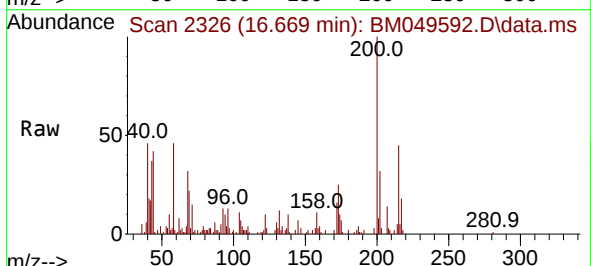
Tgt Ion:200 Resp: 27015

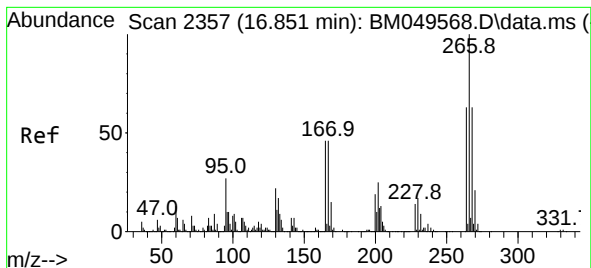
Ion Ratio Lower Upper

200 100

173 25.4 7.6 47.6

215 44.9 30.2 70.2





#70

Pentachlorophenol

Concen: 9.098 ng m

RT: 16.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

Instrument :

BNA_M

ClientSampleId :

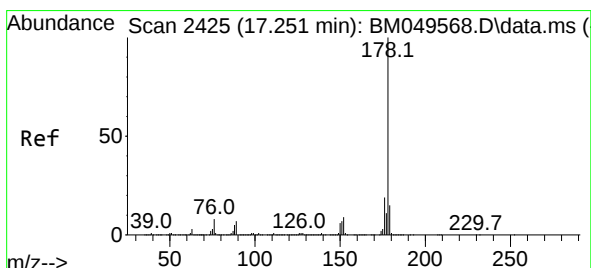
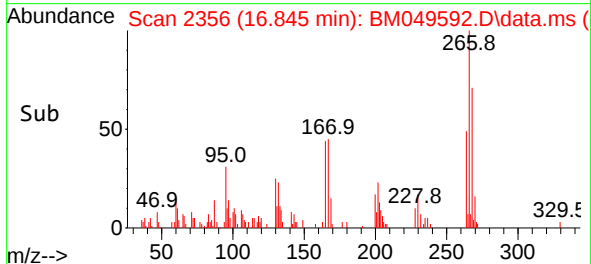
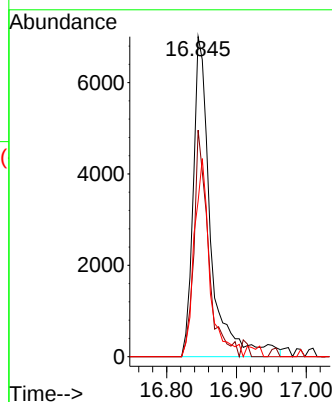
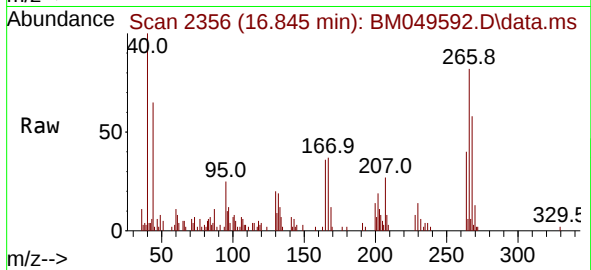
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	266	Resp:	1212
Ion Ratio	Lower	Upper	
266	100		
268	70.8	50.8	76.2
264	48.6	50.0	75.0

Manual Integrations

APPROVED

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



#71

Phenanthrene

Concen: 3.767 ng

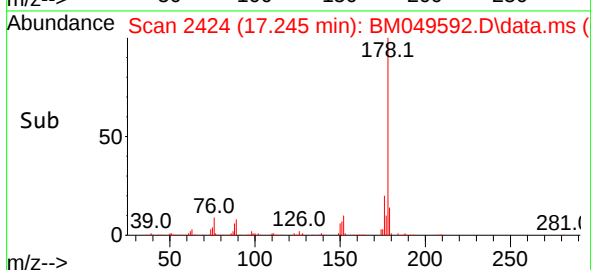
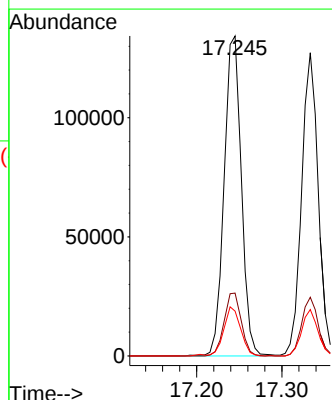
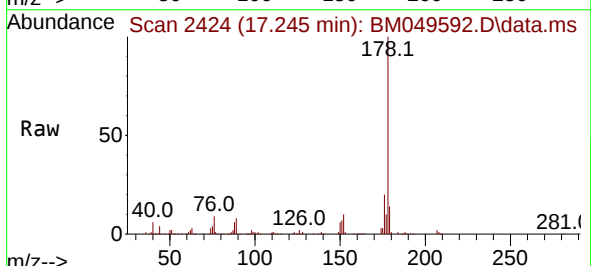
RT: 17.245 min Scan# 2424

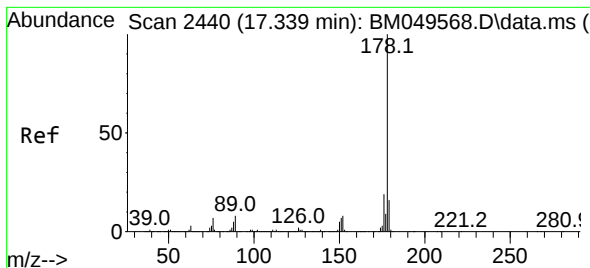
Delta R.T. -0.006 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

Tgt Ion:	178	Resp:	188660
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.5	23.3
179	14.0	12.2	18.2





#72

Anthracene

Concen: 3.482 ng

RT: 17.333 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BM049592.D

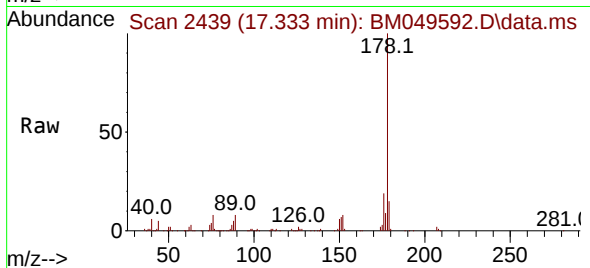
Acq: 06 Feb 2025 23:34

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:178 Resp: 17267

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

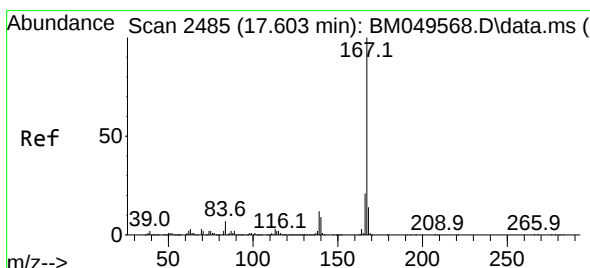
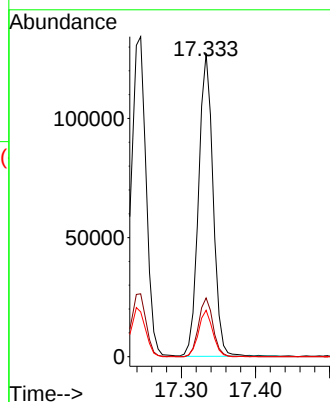
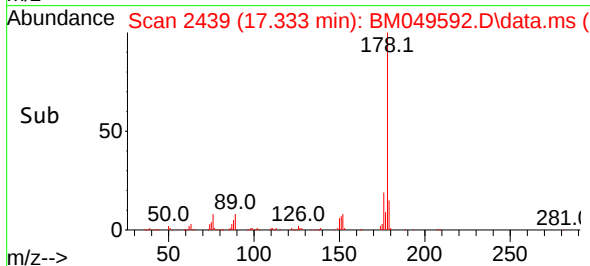
179 15.3 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#73

Carbazole

Concen: 3.626 ng

RT: 17.598 min Scan# 2484

Delta R.T. -0.006 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

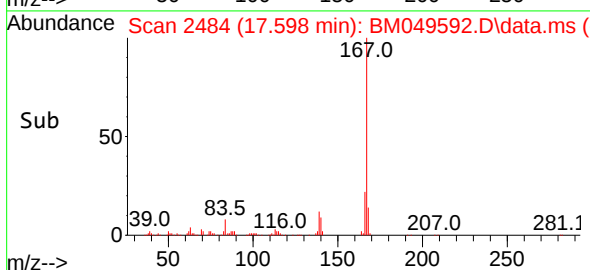
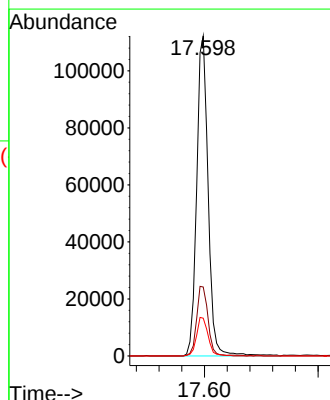
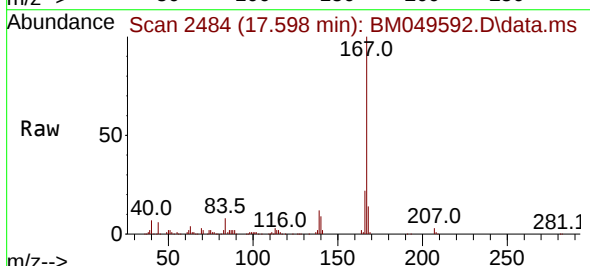
Tgt Ion:167 Resp: 157819

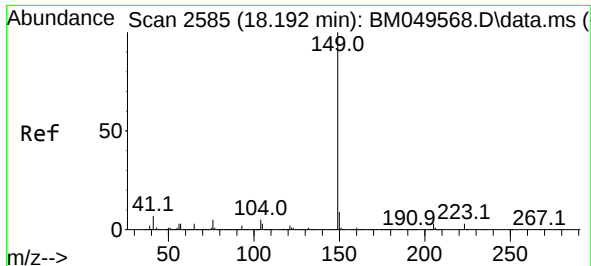
Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

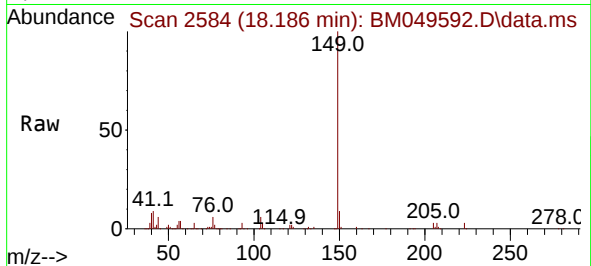
139 11.8 9.6 14.4





#74
Di-n-butylphthalate
Concen: 2.625 ng
RT: 18.186 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

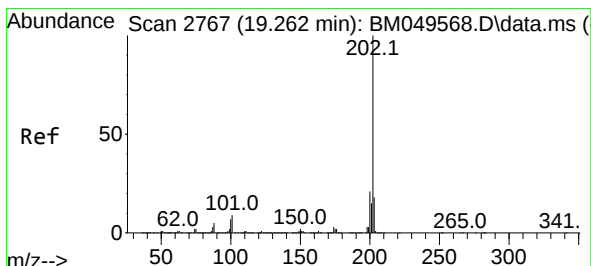
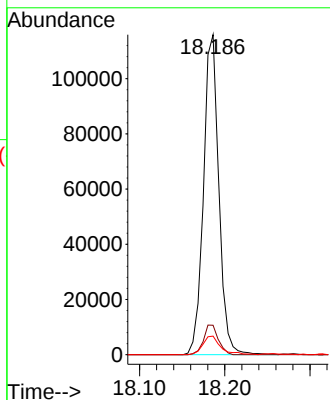
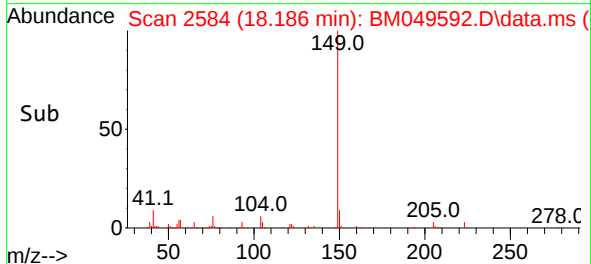
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



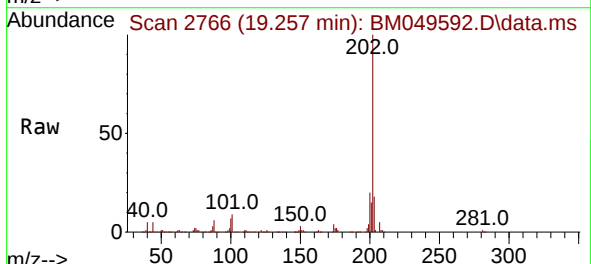
Tgt Ion:149 Resp: 144979
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.8 4.1 6.1

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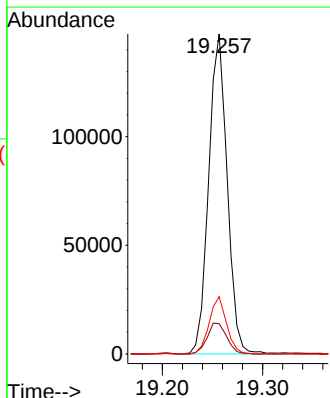
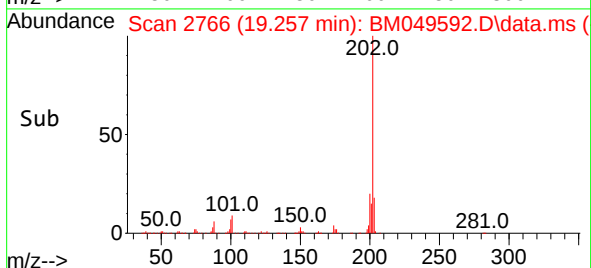
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

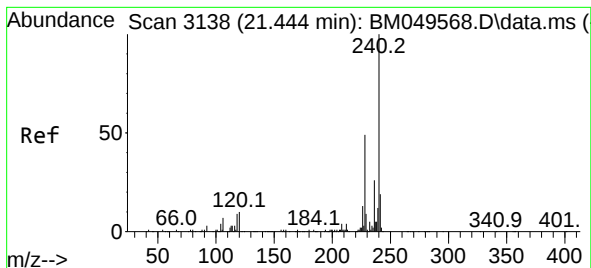


#75
Fluoranthene
Concen: 3.217 ng
RT: 19.257 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34



Tgt Ion:202 Resp: 188618
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.1
203 17.9 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3138

Delta R.T. -0.006 min

Lab File: BM049592.D

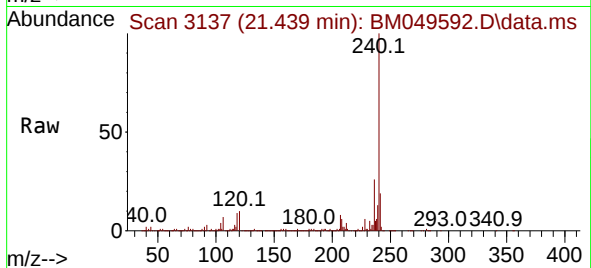
Acq: 06 Feb 2025 23:34

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:240 Resp: 72736

Ion Ratio Lower Upper

240 100

120 9.6 7.8 11.8

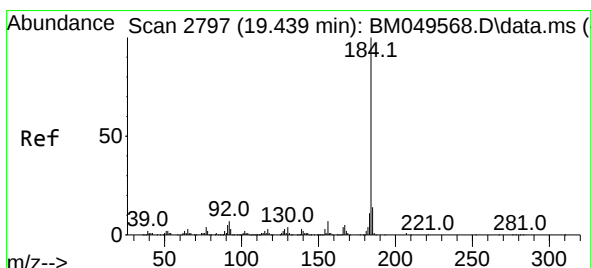
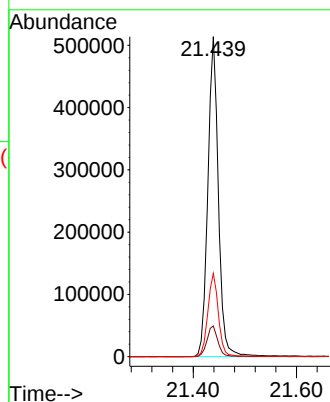
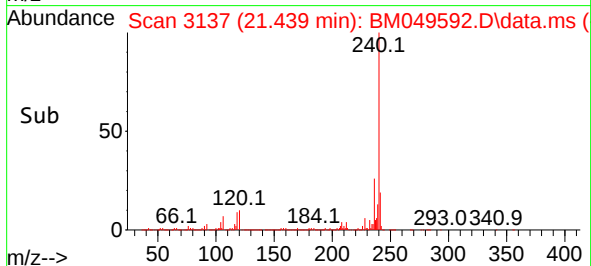
236 26.0 20.6 31.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#77

Benzidine

Concen: 2.604 ng

RT: 19.439 min Scan# 2797

Delta R.T. 0.000 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

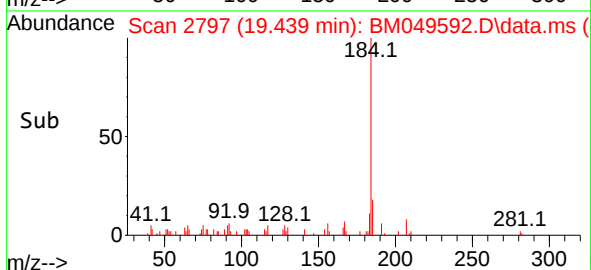
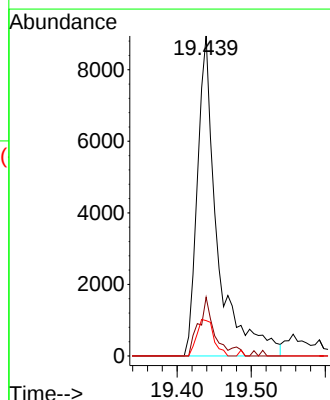
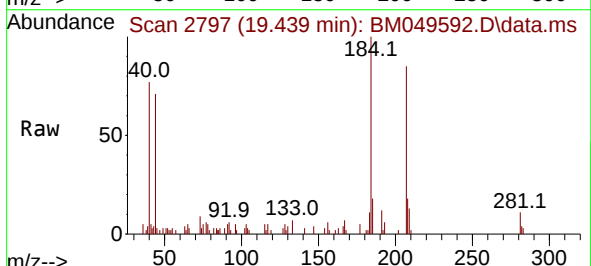
Tgt Ion:184 Resp: 16771

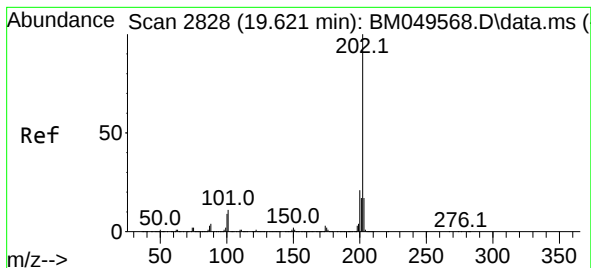
Ion Ratio Lower Upper

184 100

185 18.4 11.6 17.4#

183 11.1 8.9 13.3





#78

Pyrene

Concen: 3.713 ng

RT: 19.615 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

Instrument :

BNA_M

ClientSampleId :

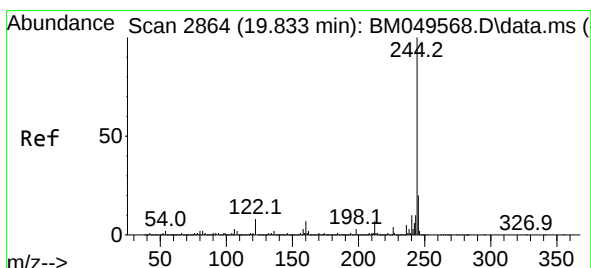
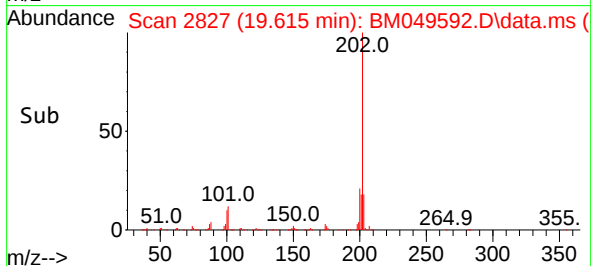
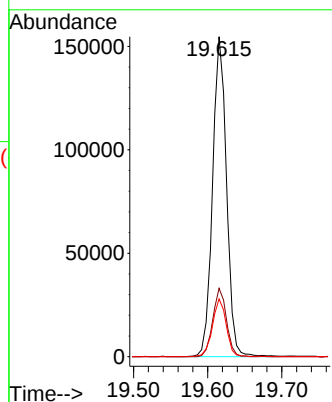
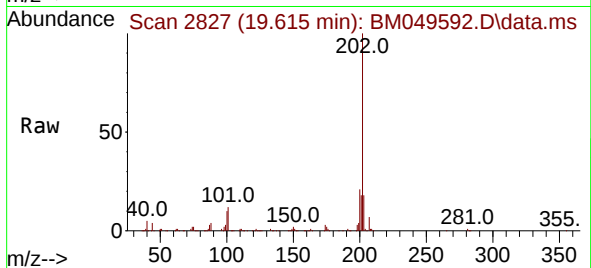
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:202	Resp: 20221
Ion Ratio	Lower Upper
202 100	
200 21.4	16.8 25.2
203 18.0	13.8 20.8

Manual Integrations

APPROVED

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



#79

Terphenyl-d14

Concen: 130.243 ng

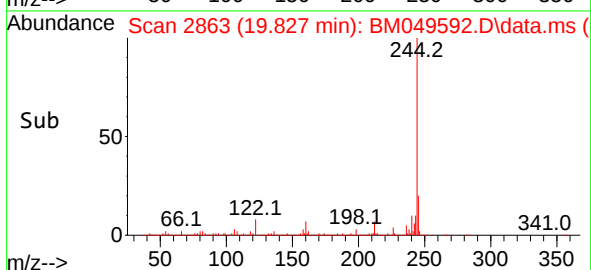
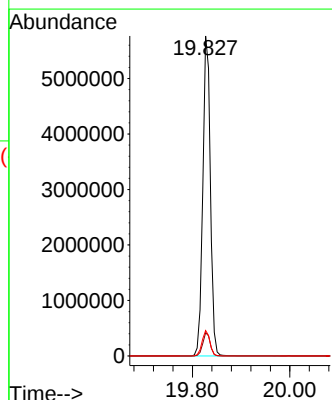
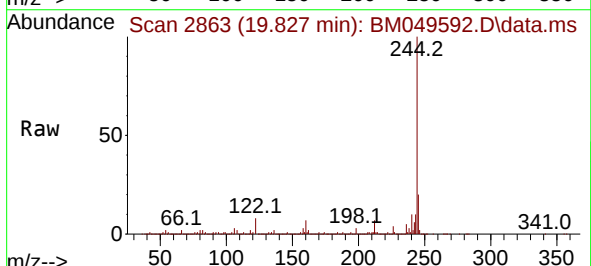
RT: 19.827 min Scan# 2863

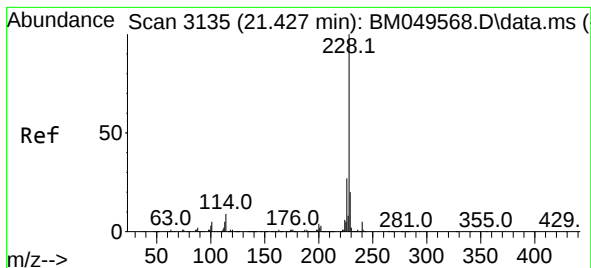
Delta R.T. -0.006 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

Tgt Ion:244	Resp: 6203797
Ion Ratio	Lower Upper
244 100	
212 7.3	5.8 8.6
122 8.0	6.2 9.2





#81

Benzo(a)anthracene

Concen: 3.670 ng

RT: 21.421 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BM049592.D

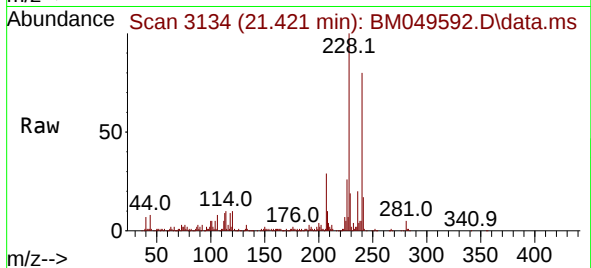
Acq: 06 Feb 2025 23:34

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:228 Resp: 18092

Ion Ratio Lower Upper

228 100

226 25.9 22.0 33.0

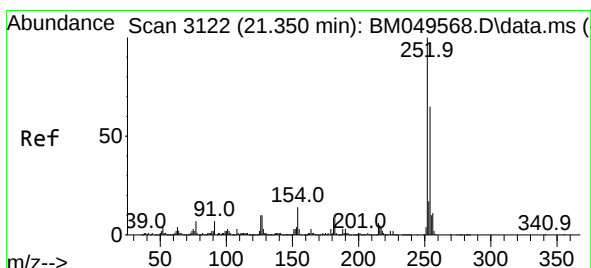
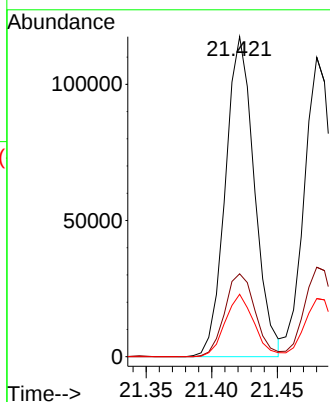
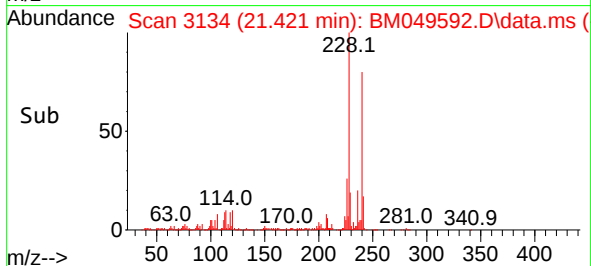
229 19.5 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#82

3,3'-Dichlorobenzidine

Concen: 2.140 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

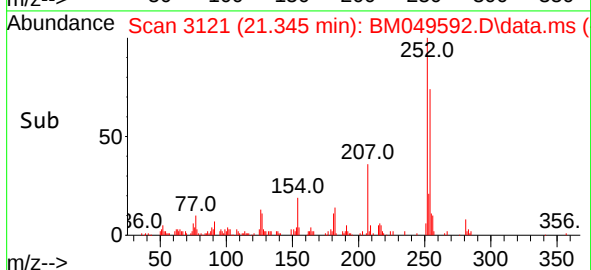
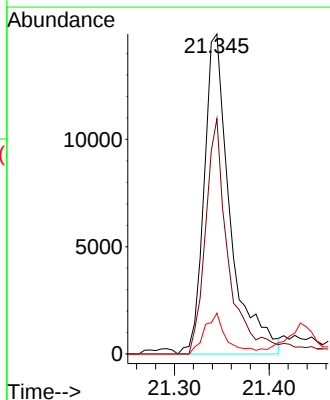
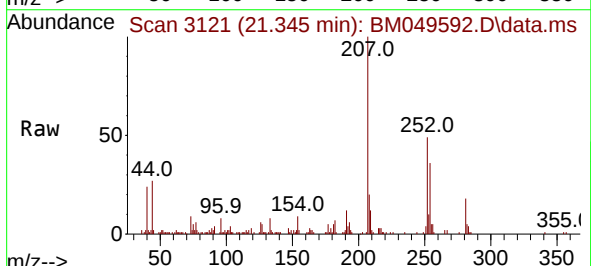
Tgt Ion:252 Resp: 28388

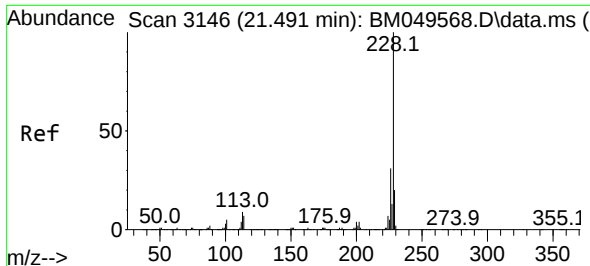
Ion Ratio Lower Upper

252 100

254 73.5 52.1 78.1

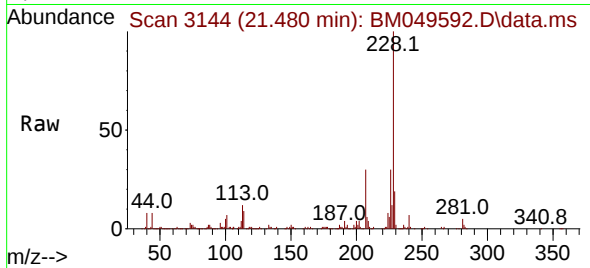
126 12.7 7.8 11.6#





#83
Chrysene
Concen: 3.739 ng
RT: 21.480 min Scan# 3146
Delta R.T. -0.011 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

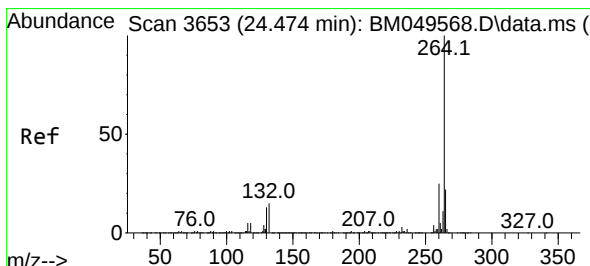
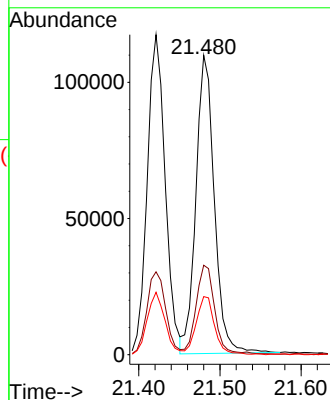
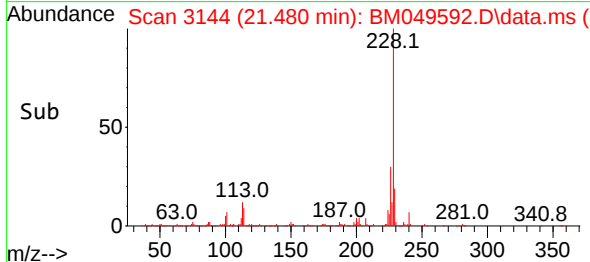
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:228 Resp: 172708
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 19.4 15.7 23.5

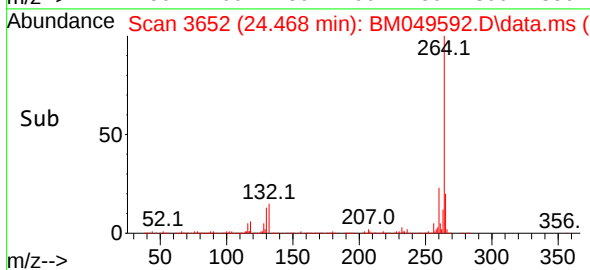
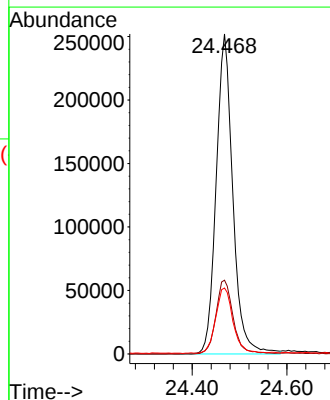
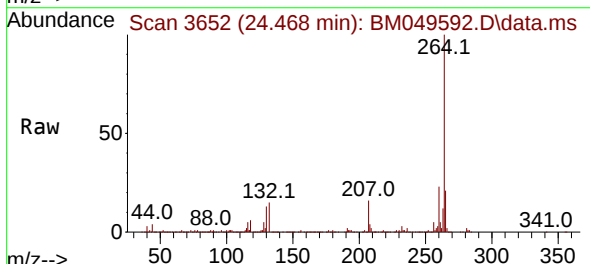
Manual Integrations
APPROVED

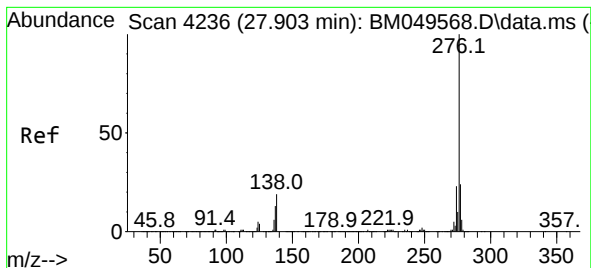
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3652
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

Tgt Ion:264 Resp: 613590
Ion Ratio Lower Upper
264 100
260 23.0 19.8 29.6
265 20.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.786 ng m

RT: 27.897 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

Instrument :

BNA_M

ClientSampleId :

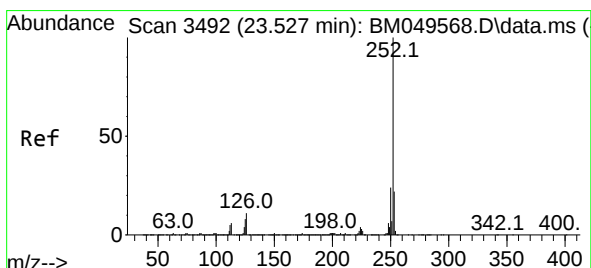
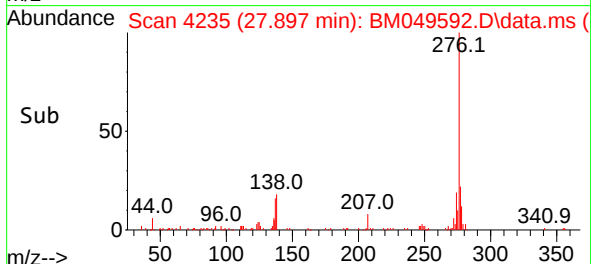
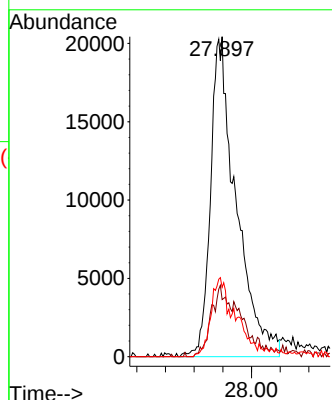
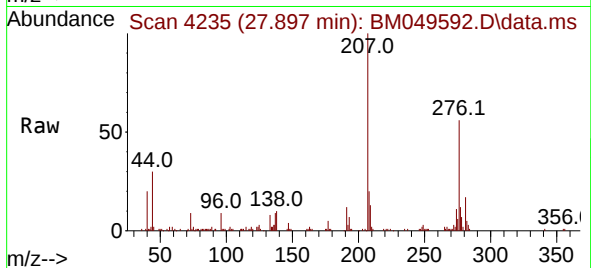
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	276	Resp:	126862
Ion Ratio	Lower	Upper	
276	100		
138	15.3	13.1	19.7
277	15.6	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: 3.225 ng

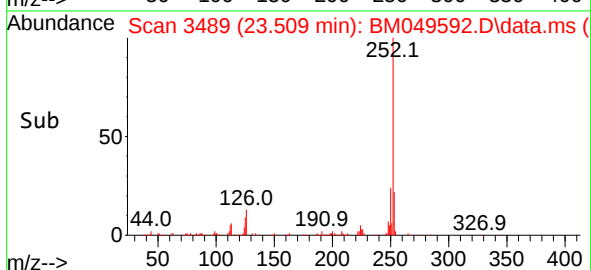
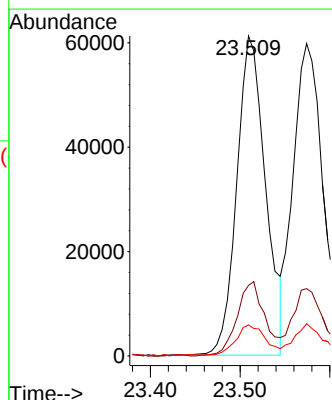
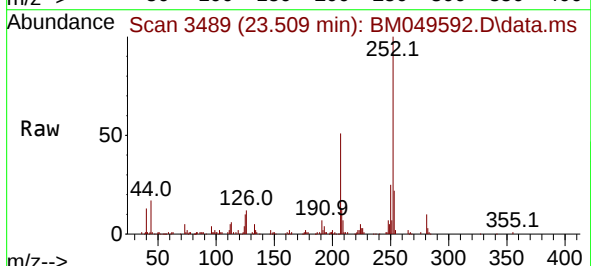
RT: 23.509 min Scan# 3489

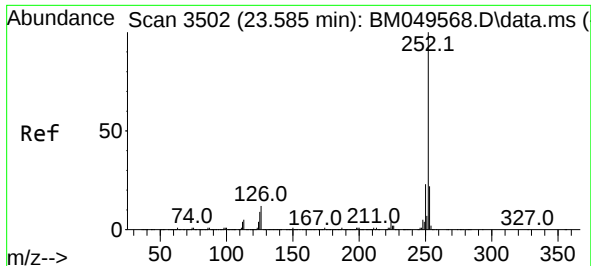
Delta R.T. -0.017 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

Tgt Ion:	252	Resp:	136135
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	9.7	6.6	10.0





#89

Benzo(k)fluoranthene

Concen: 3.498 ng

RT: 23.574 min Scan# 3502

Delta R.T. -0.011 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:252 Resp: 143400

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

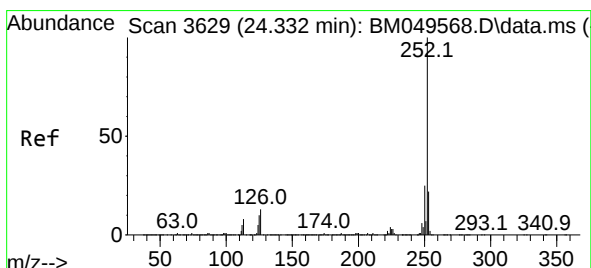
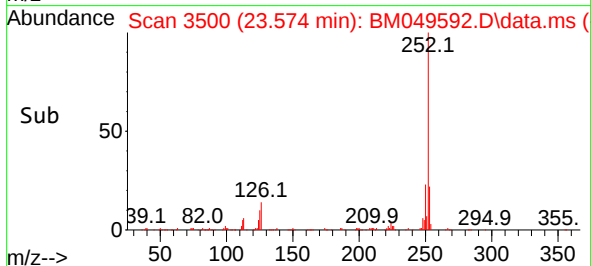
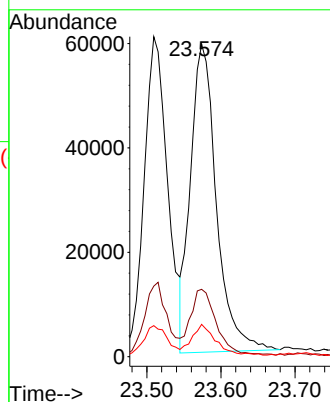
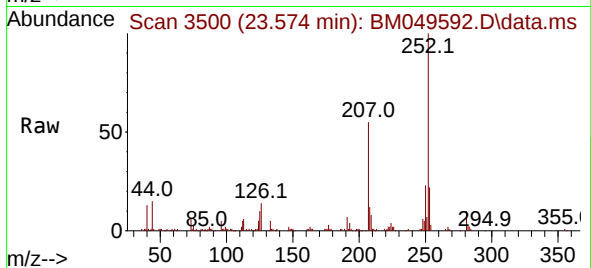
125 10.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#90

Benzo(a)pyrene

Concen: 3.372 ng

RT: 24.327 min Scan# 3628

Delta R.T. -0.006 min

Lab File: BM049592.D

Acq: 06 Feb 2025 23:34

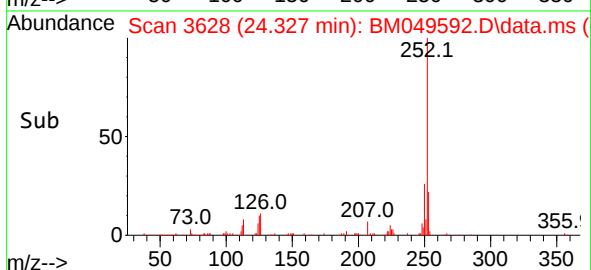
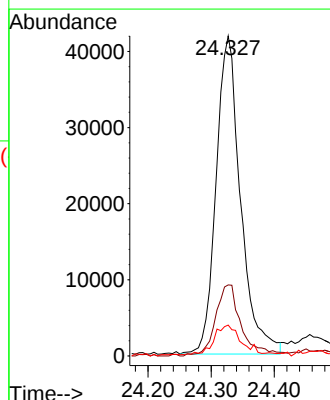
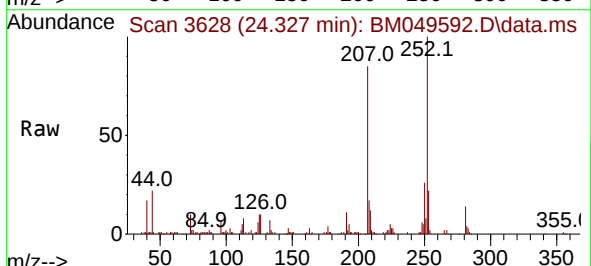
Tgt Ion:252 Resp: 112794

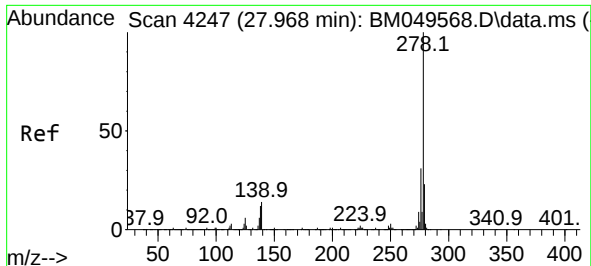
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

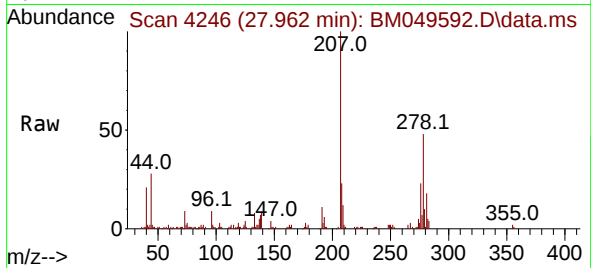
125 9.6 8.2 12.2





#91
Dibenzo(a,h)anthracene
Concen: 3.652 ng m
RT: 27.962 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

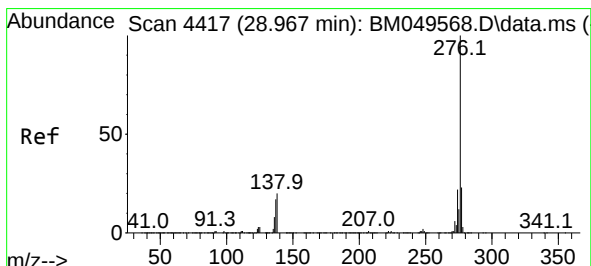
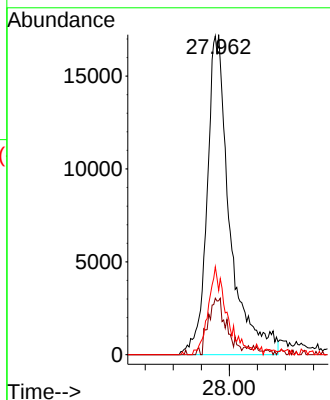
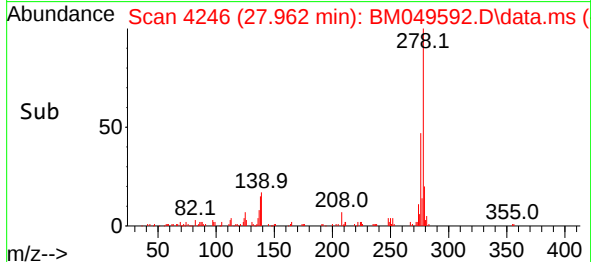
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:278 Resp: 96708
Ion Ratio Lower Upper
278 100
139 16.8 11.5 17.3
279 20.1 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: 3.685 ng m
RT: 28.938 min Scan# 4412
Delta R.T. -0.029 min
Lab File: BM049592.D
Acq: 06 Feb 2025 23:34

Tgt Ion:276 Resp: 109011
Ion Ratio Lower Upper
276 100
277 22.5 18.7 28.1
138 22.7 16.0 24.0

