

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
 Data File : BM050414.D
 Acq On : 11 Jul 2025 15:43
 Operator : RC/JU
 Sample : Q2126-07
 Misc : LOD-MDL-WATER-8 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 18 01:34:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/14/2025
 Supervised By :Jagrut Upadhyay 07/14/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	415227	20.000	ng	0.01
21) Naphthalene-d8	10.657	136	1506001	20.000	ng	0.02
39) Acenaphthene-d10	14.492	164	946651	20.000	ng	0.02
64) Phenanthrene-d10	17.221	188	1783938	20.000	ng	0.01
76) Chrysene-d12	21.450	240	1760299	20.000	ng	0.02
86) Perylene-d12	24.486	264	1753906	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2878825	119.341	ng	0.00
7) Phenol-d6	7.022	99	3661473	120.407	ng	0.01
23) Nitrobenzene-d5	9.016	82	2264029	76.697	ng	0.01
42) 2,4,6-Tribromophenol	15.968	330	1445252	125.653	ng	0.01
45) 2-Fluorobiphenyl	13.116	172	5843474	76.230	ng	0.01
79) Terphenyl-d14	19.839	244	9253520	92.491	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	71145	7.172	ng	97
3) Pyridine	3.740	79	175078	6.723	ng	96
4) n-Nitrosodimethylamine	3.640	42	85101	7.010	ng	# 91
6) Aniline	7.187	93	264334	6.773	ng	99
8) 2-Chlorophenol	7.428	128	189822	7.463	ng	99
9) Benzaldehyde	6.998	77	157274	8.694	ng	95
10) Phenol	7.046	94	223735	7.054	ng	94
11) bis(2-Chloroethyl)ether	7.281	93	174347	6.864	ng	99
12) 1,3-Dichlorobenzene	7.751	146	221861	7.173	ng	99
13) 1,4-Dichlorobenzene	7.898	146	224213	7.099	ng	99
14) 1,2-Dichlorobenzene	8.216	146	209875	6.941	ng	98
15) Benzyl Alcohol	8.098	79	139329	6.503	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.392	45	262660	7.020	ng	99
17) 2-Methylphenol	8.298	107	132273	6.430	ng	97
18) Hexachloroethane	8.951	117	76656	6.902	ng	98
19) n-Nitroso-di-n-propyla...	8.669	70	120589	6.546	ng	98
20) 3+4-Methylphenols	8.622	107	171999	6.228	ng	96
22) Acetophenone	8.681	105	265712	7.057	ng	# 97
24) Nitrobenzene	9.057	77	202992	7.706	ng	99
25) Isophorone	9.587	82	309008	6.451	ng	99
26) 2-Nitrophenol	9.769	139	61378	5.717	ng	92
27) 2,4-Dimethylphenol	9.828	122	152121	6.659	ng	96
28) bis(2-Chloroethoxy)met...	10.063	93	215867	6.801	ng	99
29) 2,4-Dichlorophenol	10.304	162	154694	6.591	ng	98
30) 1,2,4-Trichlorobenzene	10.522	180	199202	7.095	ng	95
31) Naphthalene	10.710	128	538199	7.036	ng	98
32) Benzoic acid	9.881	122	55253	9.424	ng	97
33) 4-Chloroaniline	10.810	127	212366	6.567	ng	100
34) Hexachlorobutadiene	11.004	225	118945	6.941	ng	99
35) Caprolactam	11.563	113	32937	5.141	ng	96
36) 4-Chloro-3-methylphenol	11.928	107	137455	6.272	ng	98
37) 2-Methylnaphthalene	12.316	142	321740	6.661	ng	98
38) 1-Methylnaphthalene	12.539	142	339980	6.651	ng	97
40) 1,2,4,5-Tetrachloroben...	12.686	216	203940	6.774	ng	98
41) Hexachlorocyclopentadiene	12.675	237	103167	5.361	ng	99
43) 2,4,6-Trichlorophenol	12.922	196	113128	6.105	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	124567	6.155	ng	96
46) 1,1'-Biphenyl	13.327	154	501203	7.136	ng	100
47) 2-Chloronaphthalene	13.369	162	396568	7.082	ng	98
48) 2-Nitroaniline	13.557	65	71769	5.742	ng	92
49) Acenaphthylene	14.210	152	564502	6.670	ng	99
50) Dimethylphthalate	13.945	163	444959	6.827	ng	99
51) 2,6-Dinitrotoluene	14.051	165	77094	6.161	ng	91
52) Acenaphthene	14.557	154	363769	6.761	ng	98
53) 3-Nitroaniline	14.380	138	73695	5.538	ng	# 91
54) 2,4-Dinitrophenol	14.586	184	22186	9.363	ng	93
55) Dibenzofuran	14.886	168	580603	7.003	ng	99
56) 4-Nitrophenol	14.680	139	57995	5.067	ng	97
57) 2,4-Dinitrotoluene	14.839	165	92402	7.377	ng	95
58) Fluorene	15.533	166	458535	6.715	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.110	232	103881	6.098	ng	95
60) Diethylphthalate	15.304	149	412409	6.624	ng	98
61) 4-Chlorophenyl-phenyle...	15.527	204	231625	6.487	ng	95
62) 4-Nitroaniline	15.533	138	71781	7.026	ng	88
63) Azobenzene	15.821	77	369681	6.467	ng	94
65) 4,6-Dinitro-2-methylph...	15.598	198	35353	9.504	ng	91
66) n-Nitrosodiphenylamine	15.739	169	371655	6.658	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	126884	6.456	ng	95
68) Hexachlorobenzene	16.533	284	155222	6.687	ng	98
69) Atrazine	16.680	200	113162	6.174	ng	97
70) Pentachlorophenol	16.874	266	75251	5.207	ng	95
71) Phenanthrene	17.262	178	694589	6.881	ng	99
72) Anthracene	17.357	178	659815	6.567	ng	100
73) Carbazole	17.615	167	597501	6.572	ng	98
74) Di-n-butylphthalate	18.192	149	582920	5.858	ng	99
75) Fluoranthene	19.274	202	683902	6.232	ng	99
77) Benzidine	19.451	184	254657	5.672	ng	99
78) Pyrene	19.633	202	735495	6.524	ng	99
80) Butylbenzylphthalate	20.533	149	210700	5.668	ng	99
81) Benzo(a)anthracene	21.433	228	771937	6.730	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	210505	5.442	ng	98
83) Chrysene	21.492	228	741106	6.850	ng	99
84) Bis(2-ethylhexyl)phtha...	21.362	149	338604	5.738	ng	99
85) Di-n-octyl phthalate	22.515	149	449908	4.868	ng	98
87) Indeno(1,2,3-cd)pyrene	27.909	276	787479	6.315	ng	99
88) Benzo(b)fluoranthene	23.527	252	683871	6.339	ng	99
89) Benzo(k)fluoranthene	23.586	252	701284	6.265	ng	99
90) Benzo(a)pyrene	24.339	252	613900	6.079	ng	98
91) Dibenzo(a,h)anthracene	27.979	278	664669	6.329	ng	98
92) Benzo(g,h,i)perylene	28.979	276	638246	6.430	ng	97

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

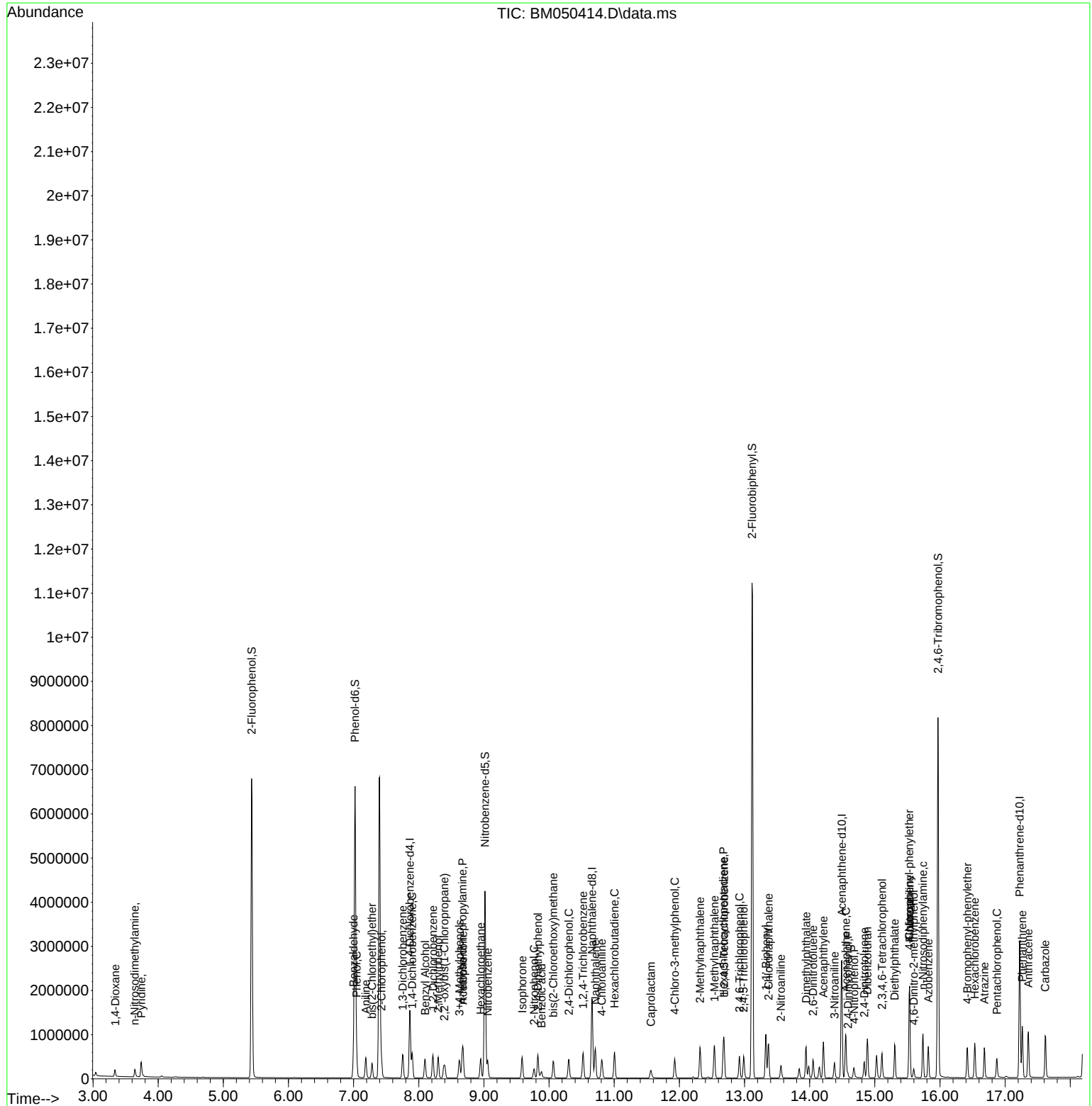
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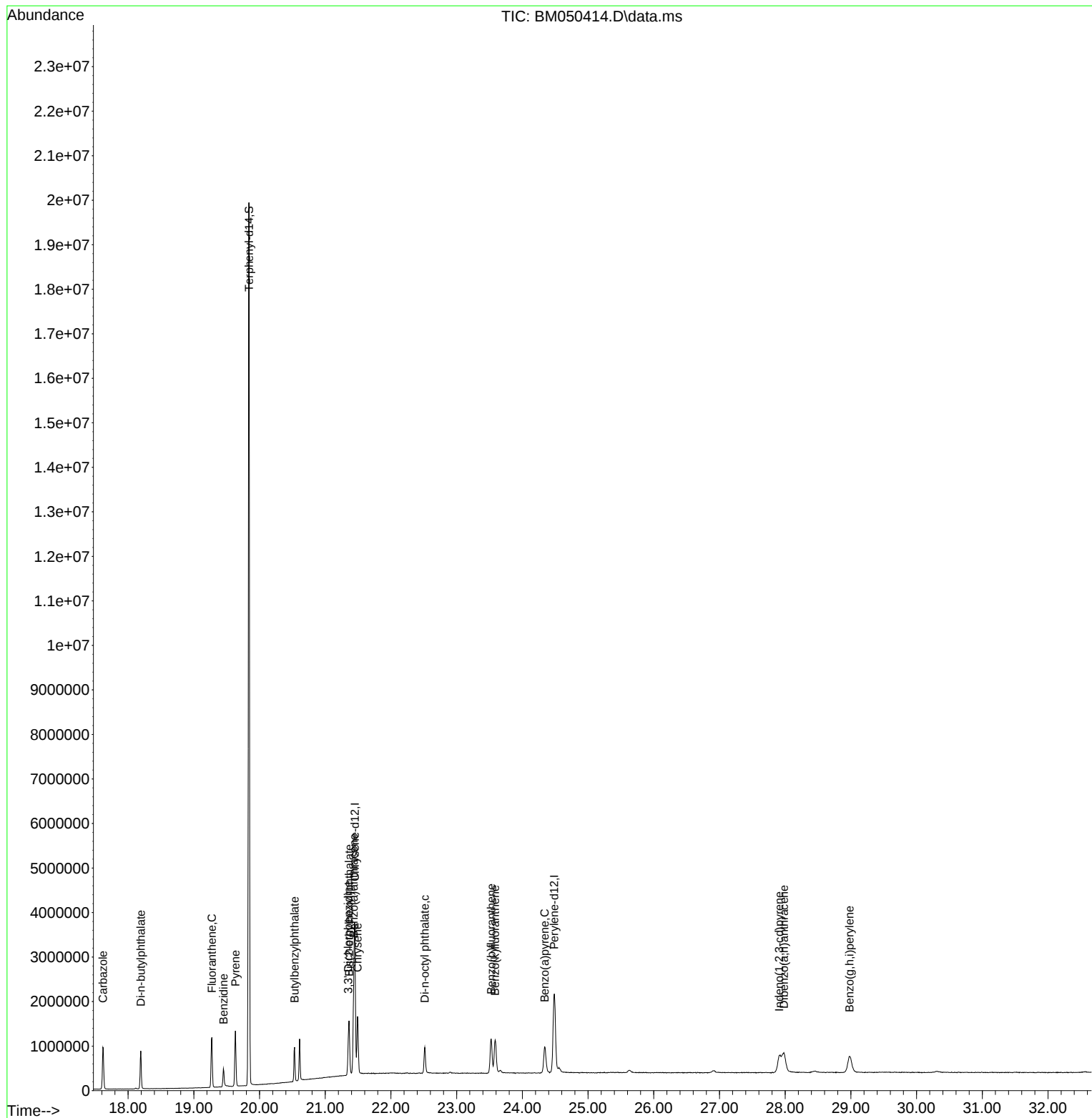
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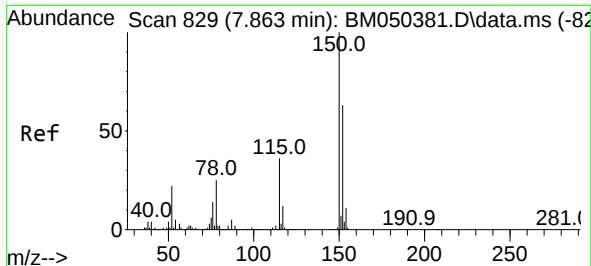
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

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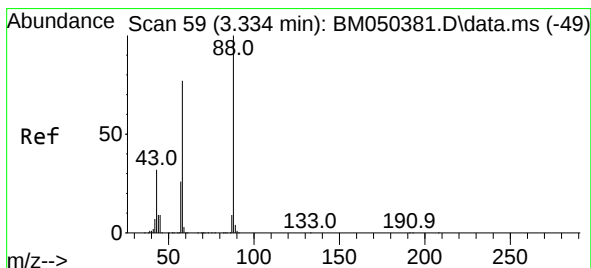
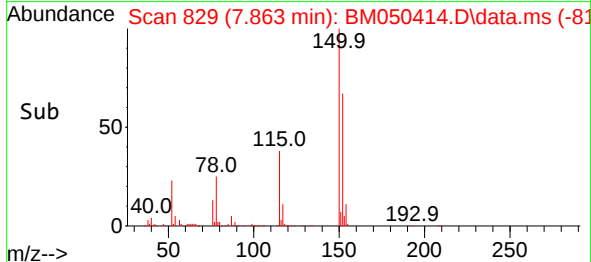
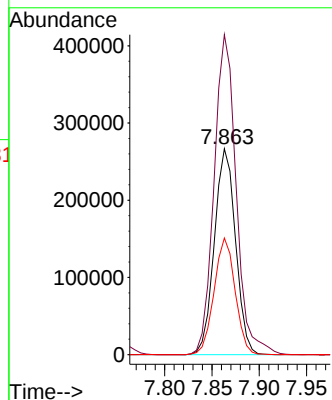
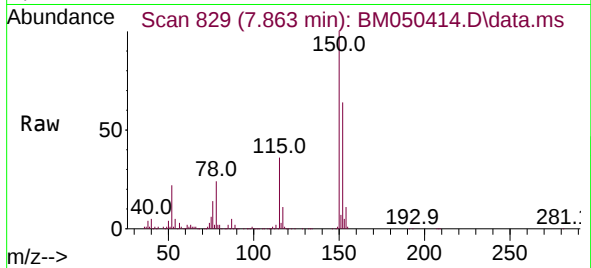
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: BM050414.D
 Acq: 11 Jul 2025 15:43

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion:152 Resp: 415227
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.2 189.4
 115 56.7 45.8 68.8

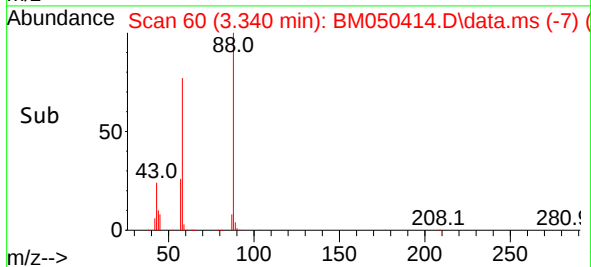
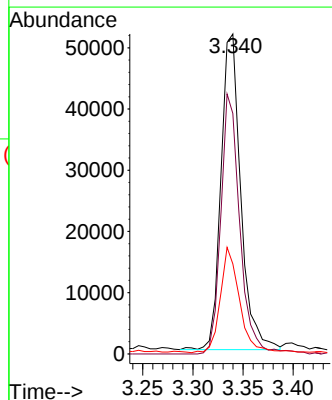
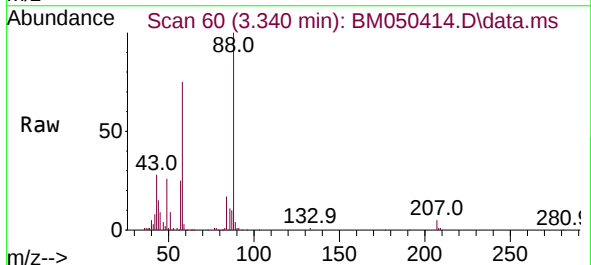
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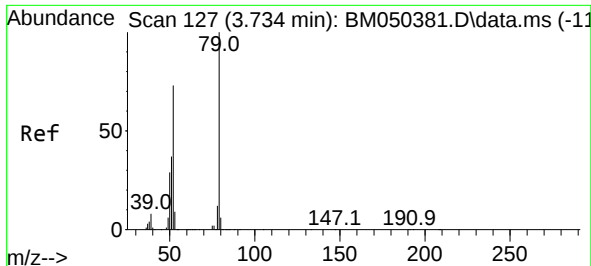
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#2
 1,4-Dioxane
 Concen: 7.172 ng
 RT: 3.340 min Scan# 60
 Delta R.T. 0.012 min
 Lab File: BM050414.D
 Acq: 11 Jul 2025 15:43

Tgt Ion: 88 Resp: 71145
 Ion Ratio Lower Upper
 88 100
 58 79.3 61.0 91.6
 43 32.7 24.6 37.0





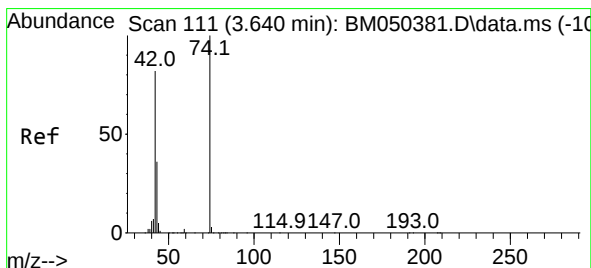
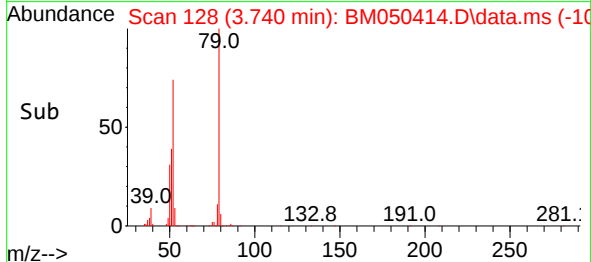
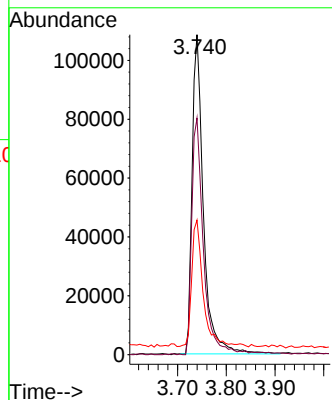
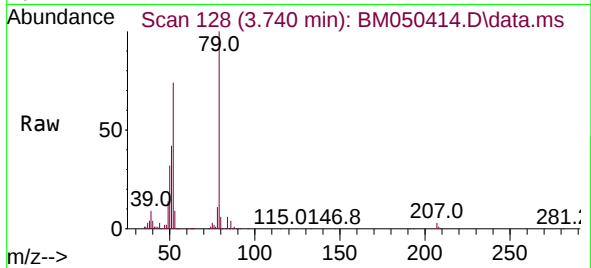
#3
Pyridine
Concen: 6.723 ng
RT: 3.740 min Scan# 127
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 79 Resp: 175078
Ion Ratio Lower Upper
79 100
52 73.9 58.3 87.5
51 42.0 29.6 44.4

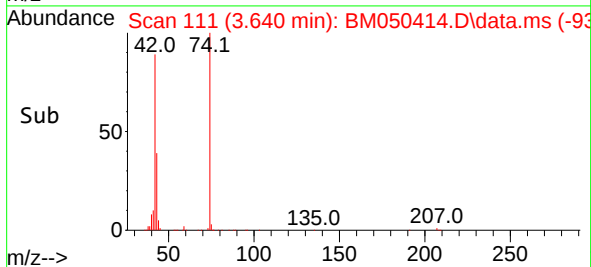
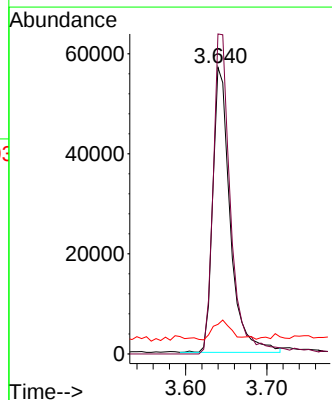
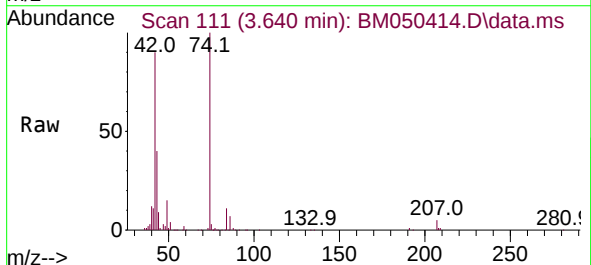
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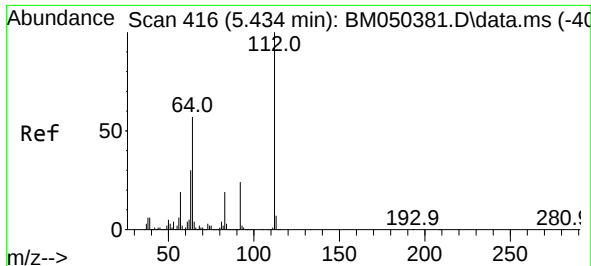
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#4
n-Nitrosodimethylamine
Concen: 7.010 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.006 min
Lab File: BM050414.D
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Tgt Ion: 42 Resp: 85101
Ion Ratio Lower Upper
42 100
74 111.7 97.5 146.3
44 10.3 5.7 8.5





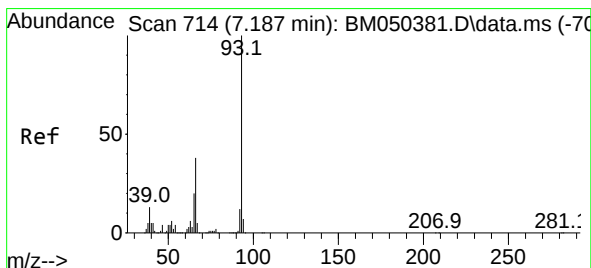
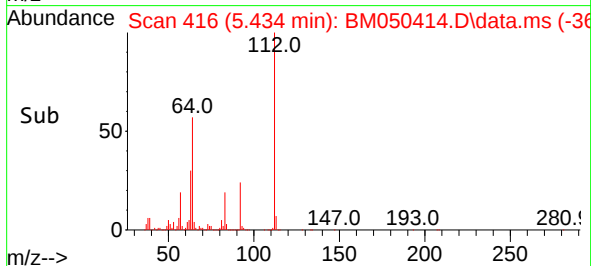
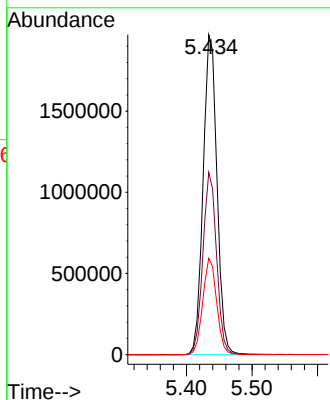
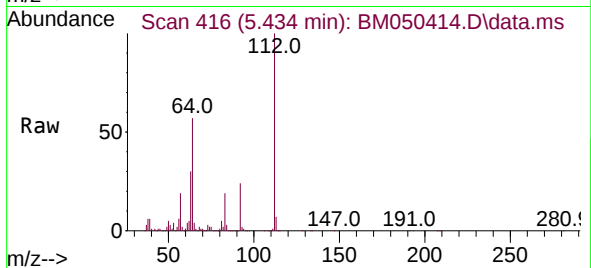
#5
2-Fluorophenol
Concen: 119.341 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.006 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 2878825
Ion Ratio Lower Upper
112 100
64 57.0 45.5 68.3
63 30.1 24.2 36.4

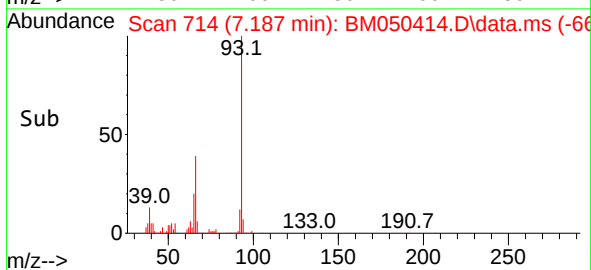
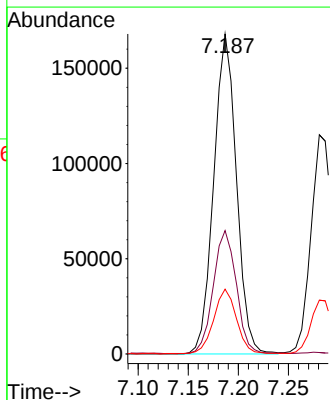
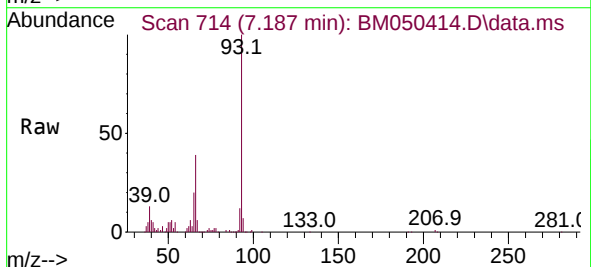
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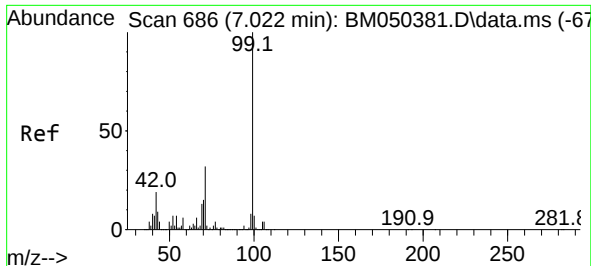
Reviewed By :Rahul Chavli 07/14/2025
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#6
Aniline
Concen: 6.773 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.012 min
Lab File: BM050414.D
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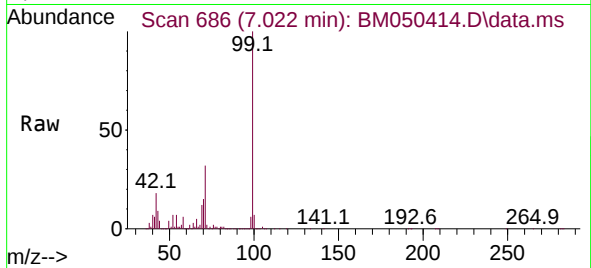
Tgt Ion: 93 Resp: 264334
Ion Ratio Lower Upper
93 100
66 38.5 30.5 45.7
65 20.2 15.9 23.9





#7
Phenol-d6
Concen: 120.407 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

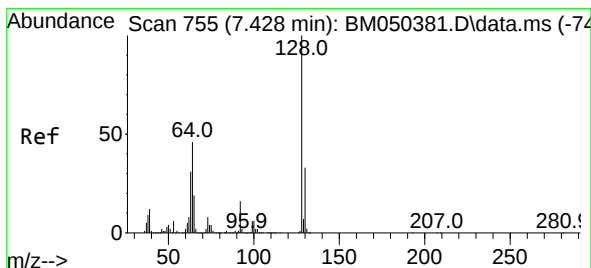
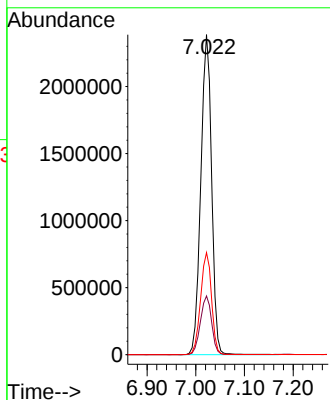
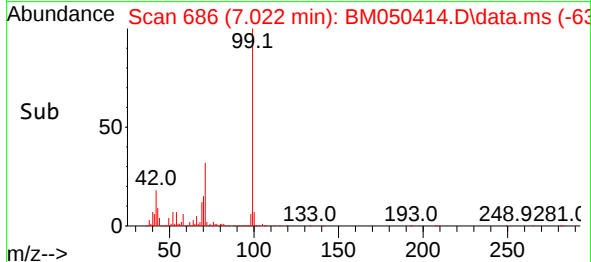
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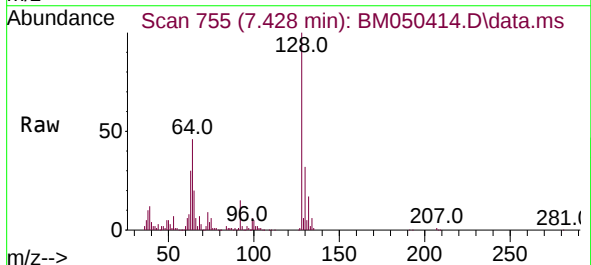
Tgt Ion: 99 Resp: 3661473
Ion Ratio Lower Upper
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42 18.3 15.0 22.6
71 31.9 25.9 38.9

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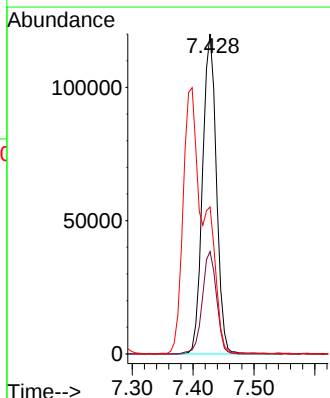
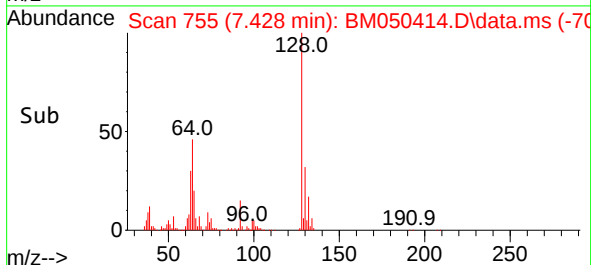
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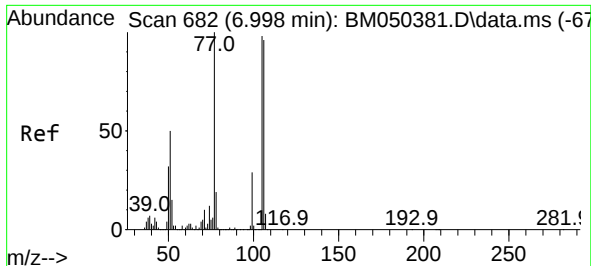


#8
2-Chlorophenol
Concen: 7.463 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.012 min
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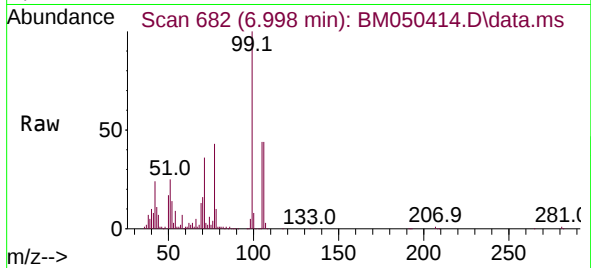
Tgt Ion:128 Resp: 189822
Ion Ratio Lower Upper
128 100
130 32.0 13.3 53.3
64 45.9 25.6 65.6





#9
Benzaldehyde
Concen: 8.694 ng
RT: 6.998 min Scan# 682
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

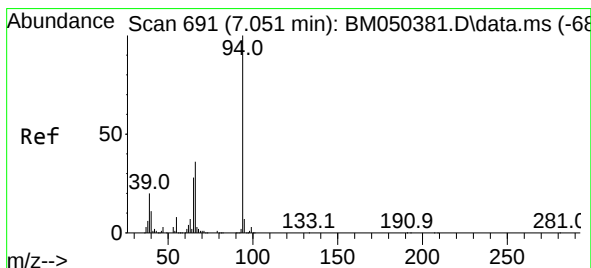
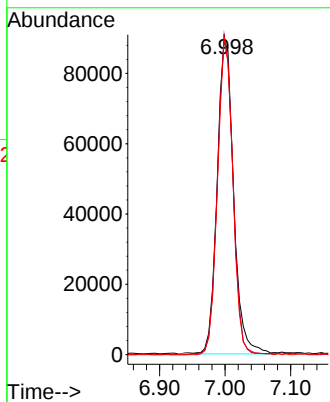
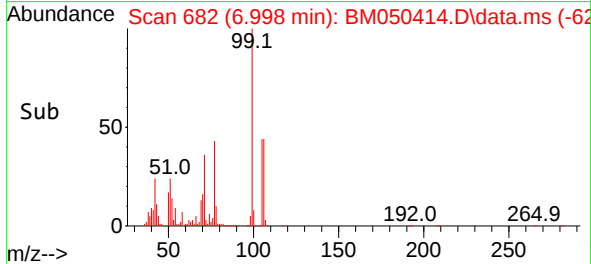
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



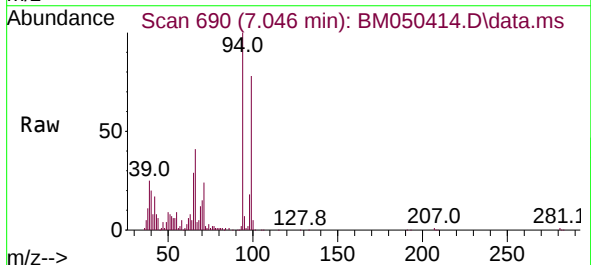
Tgt Ion: 77 Resp: 157274
Ion Ratio Lower Upper
77 100
105 102.4 78.4 118.4
106 101.4 76.3 116.3

Manual Integrations
APPROVED

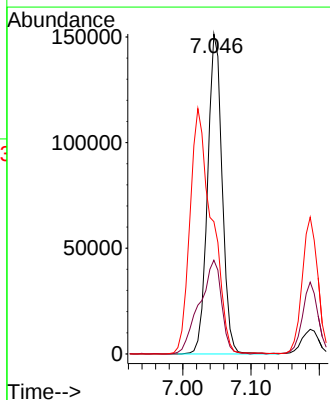
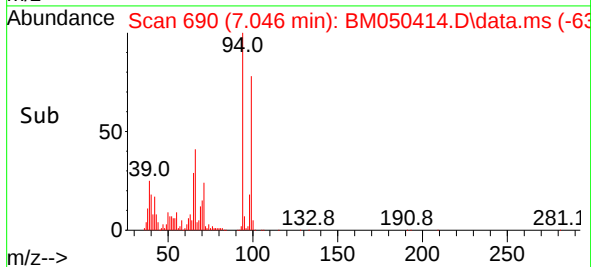
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

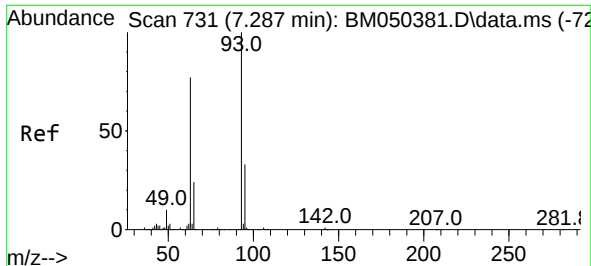


#10
Phenol
Concen: 7.054 ng
RT: 7.046 min Scan# 690
Delta R.T. 0.006 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



Tgt Ion: 94 Resp: 223735
Ion Ratio Lower Upper
94 100
65 29.3 8.1 48.1
66 41.3 15.8 55.8





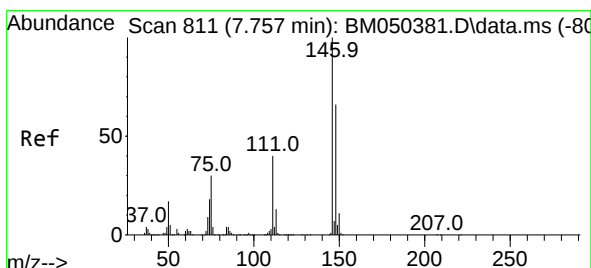
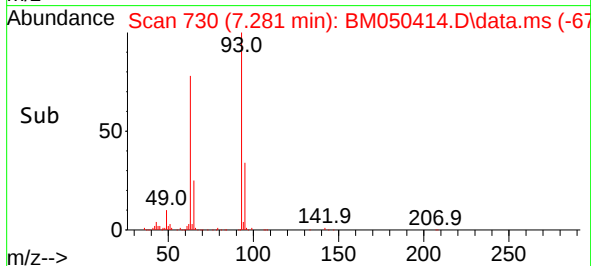
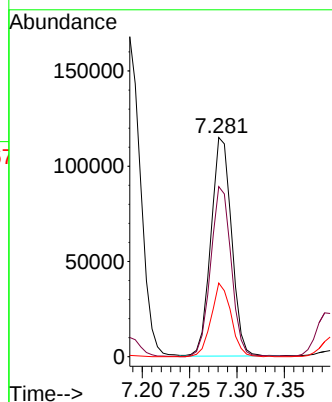
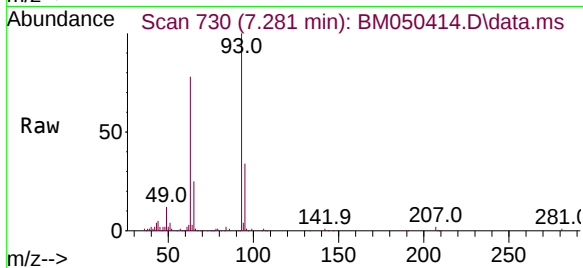
#11
bis(2-Chloroethyl)ether
Concen: 6.864 ng
RT: 7.281 min Scan# 731
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 93 Resp: 17434
Ion Ratio Lower Upper
93 100
63 77.6 56.9 96.9
95 33.5 12.6 52.6

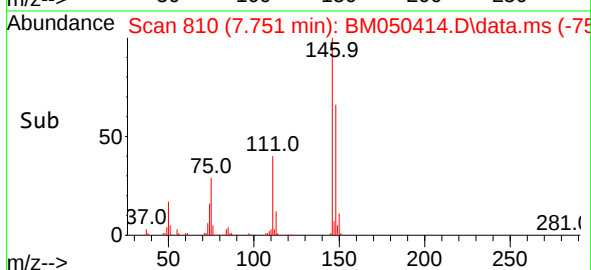
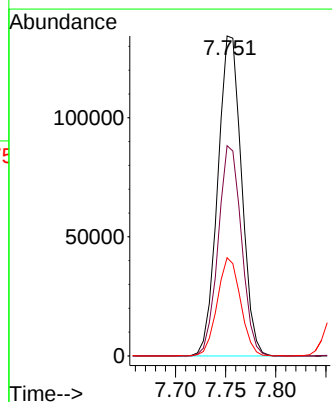
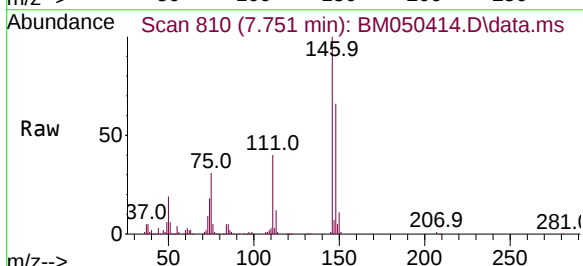
Manual Integrations
APPROVED

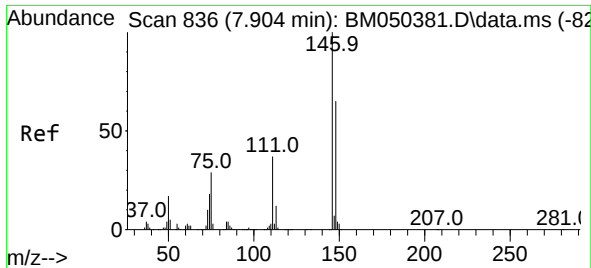
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#12
1,3-Dichlorobenzene
Concen: 7.173 ng
RT: 7.751 min Scan# 810
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Tgt Ion:146 Resp: 221861
Ion Ratio Lower Upper
146 100
148 65.7 53.2 79.8
75 30.7 23.9 35.9





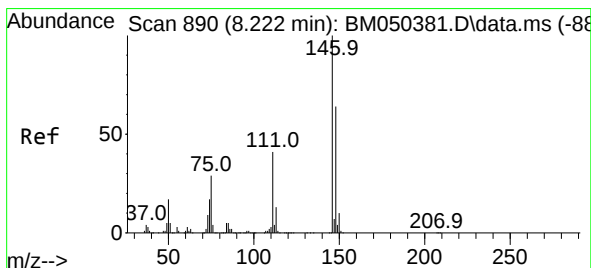
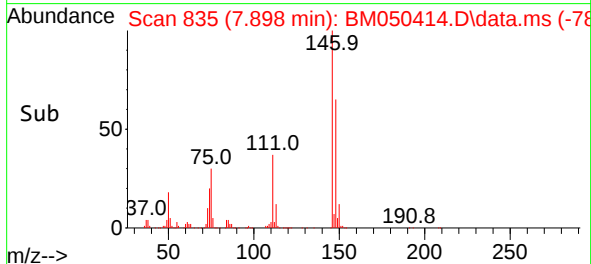
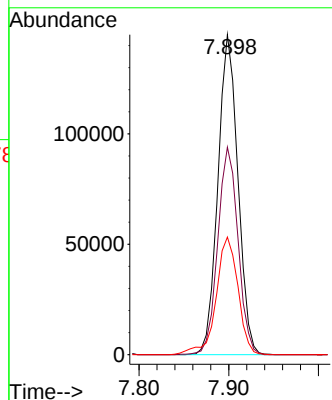
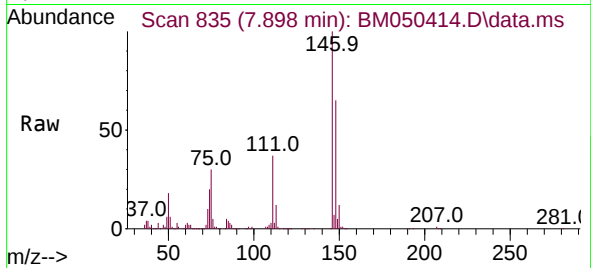
#13
1,4-Dichlorobenzene
Concen: 7.099 ng
RT: 7.898 min Scan# 836
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:146 Resp: 224213
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
111 36.7 30.0 45.0

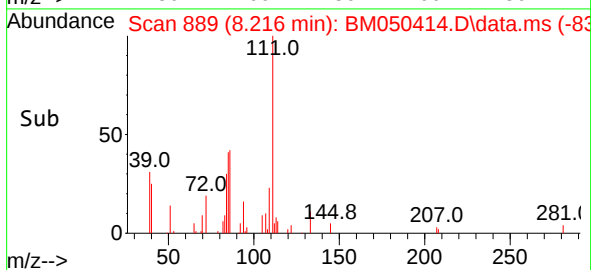
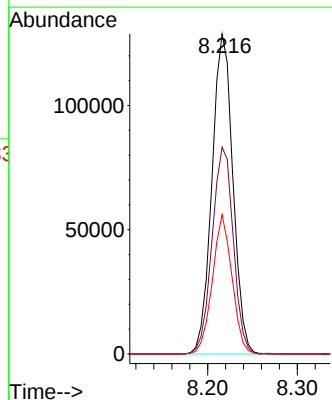
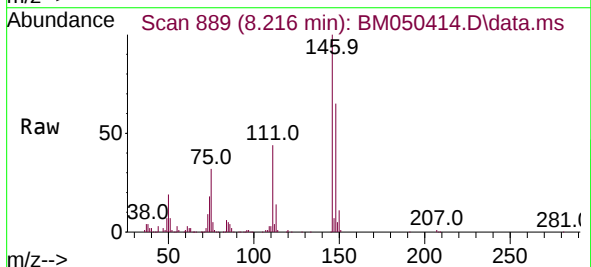
Manual Integrations
APPROVED

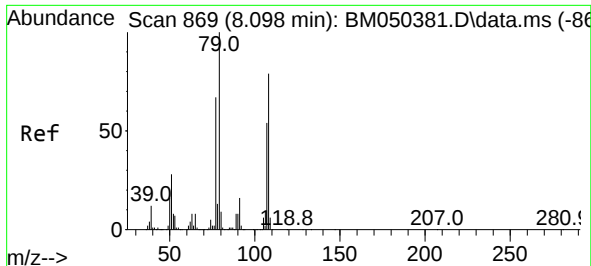
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#14
1,2-Dichlorobenzene
Concen: 6.941 ng
RT: 8.216 min Scan# 889
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

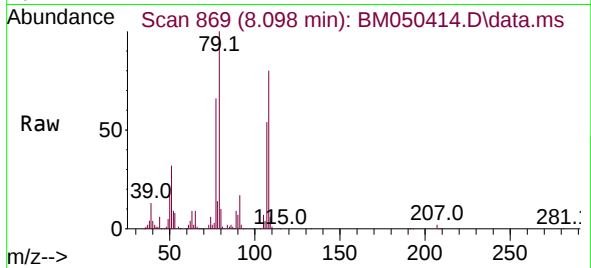
Tgt Ion:146 Resp: 209875
Ion Ratio Lower Upper
146 100
148 64.6 51.5 77.3
111 43.5 32.6 49.0





#15
Benzyl Alcohol
Concen: 6.503 ng
RT: 8.098 min Scan# 869
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

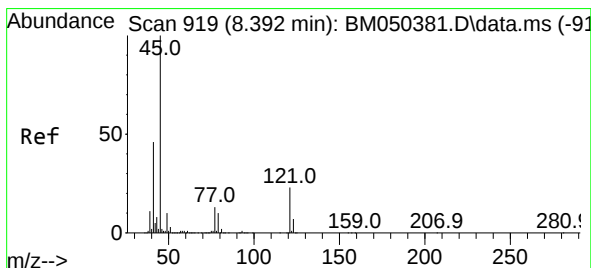
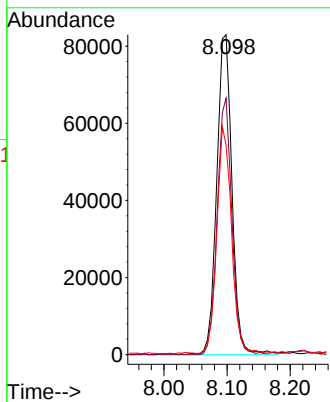
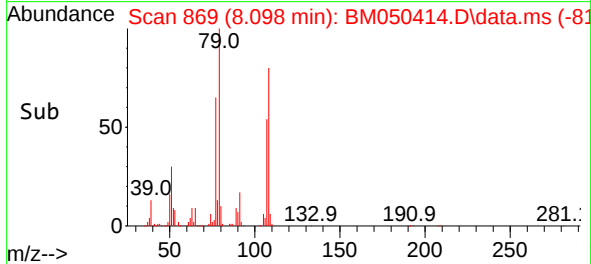
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



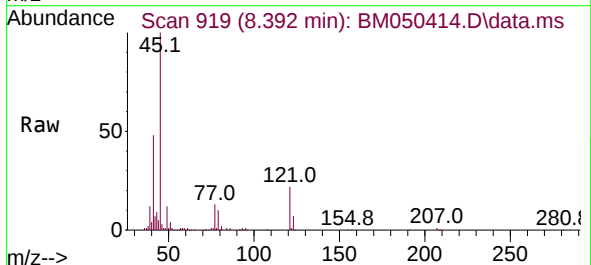
Tgt Ion: 79 Resp: 139329
Ion Ratio Lower Upper
79 100
108 80.1 63.0 94.4
77 65.5 53.4 80.0

Manual Integrations
APPROVED

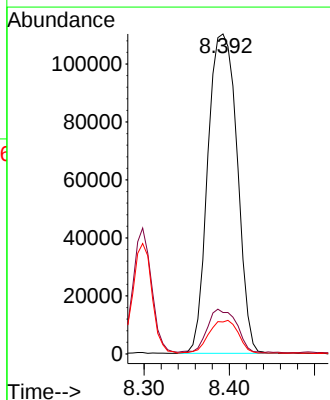
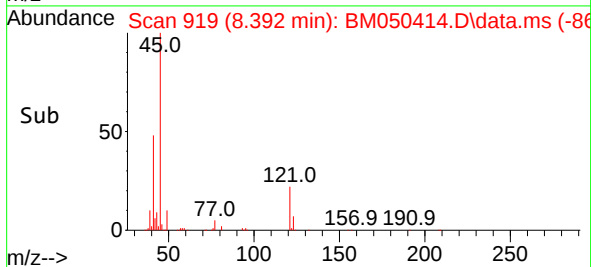
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

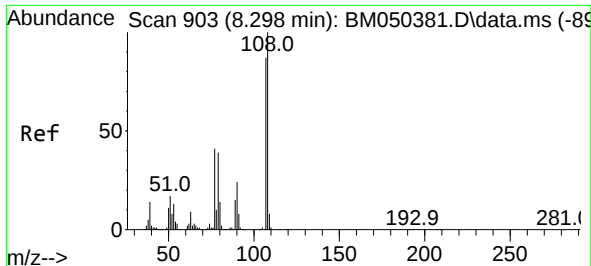


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.020 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



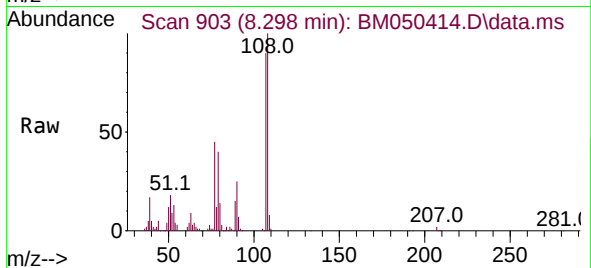
Tgt Ion: 45 Resp: 262660
Ion Ratio Lower Upper
45 100
77 12.9 0.0 33.5
79 10.0 0.0 30.3





#17
2-Methylphenol
Concen: 6.430 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

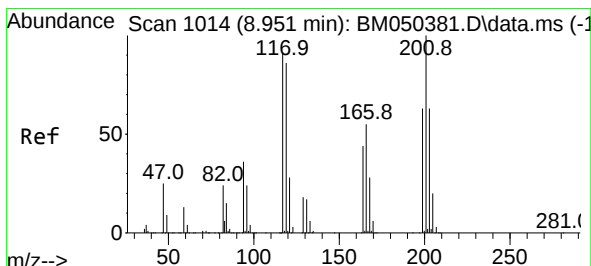
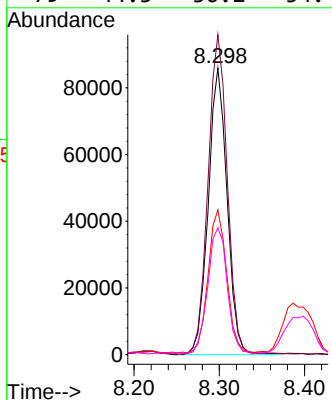
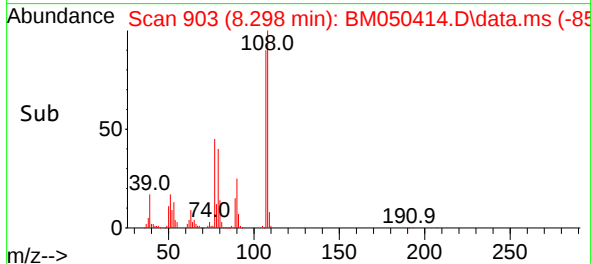
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



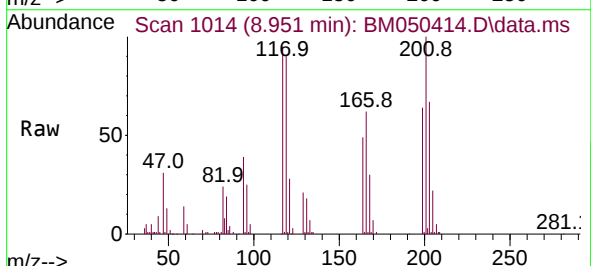
Tgt Ion:	107	Resp:	132273
Ion Ratio	Lower	Upper	
107	100		
108	111.6	92.1	138.1
77	50.5	38.2	57.4
79	44.3	36.2	54.4

Manual Integrations
APPROVED

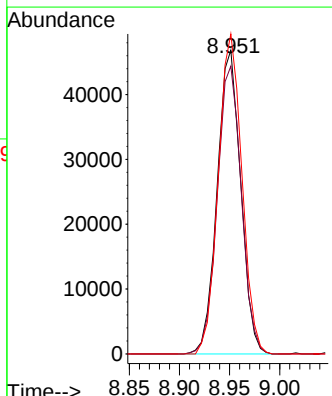
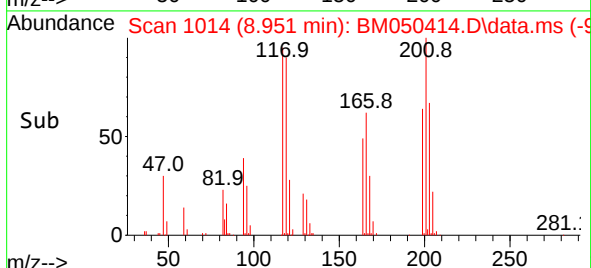
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

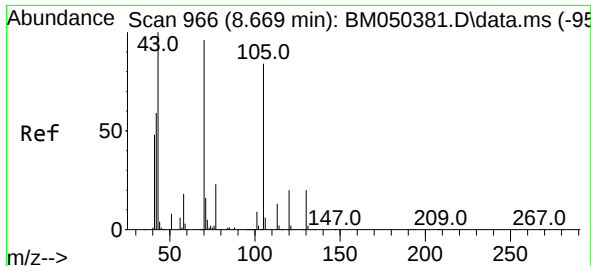


#18
Hexachloroethane
Concen: 6.902 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



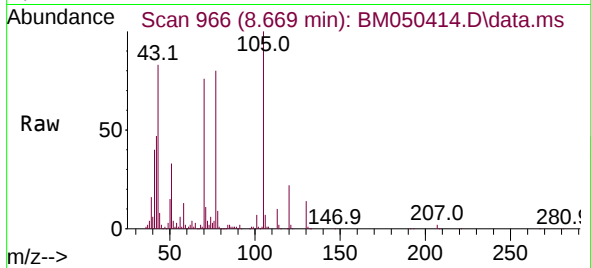
Tgt Ion:	117	Resp:	76656
Ion Ratio	Lower	Upper	
117	100		
119	94.7	75.6	113.4
201	105.4	87.9	131.9





#19
n-Nitroso-di-n-propylamine
Concen: 6.546 ng
RT: 8.669 min Scan# 966
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

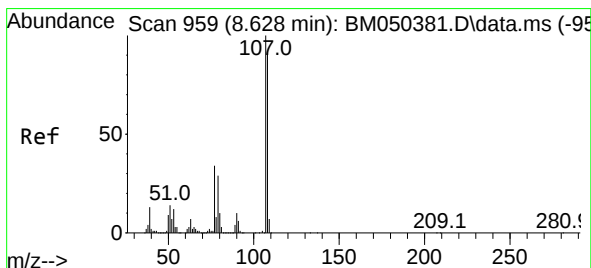
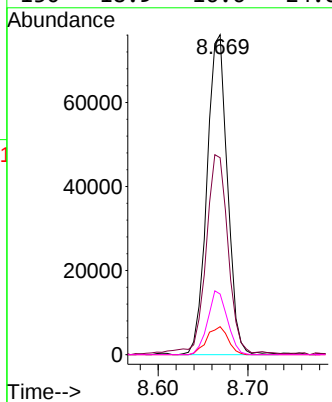
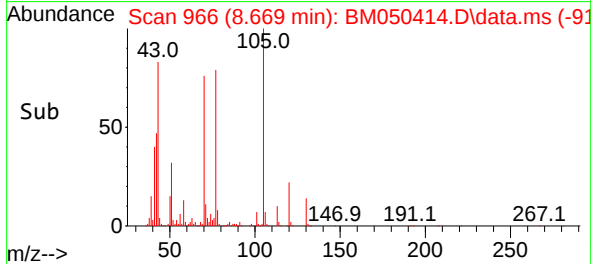
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



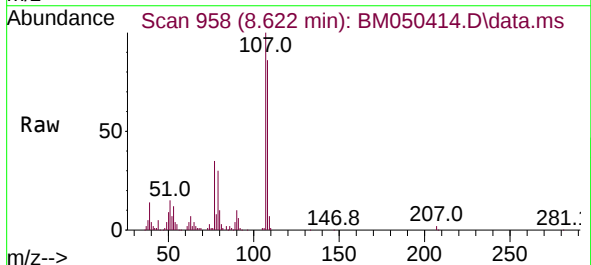
Tgt Ion: 70 Resp: 120589
Ion Ratio Lower Upper
70 100
42 61.5 49.7 74.5
101 8.7 7.7 11.5
130 18.9 16.6 24.8

Manual Integrations
APPROVED

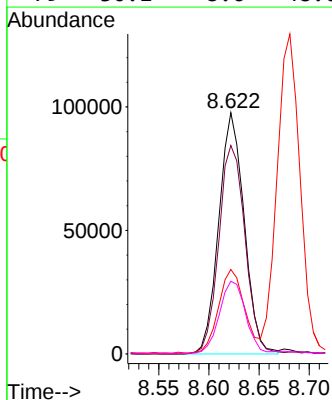
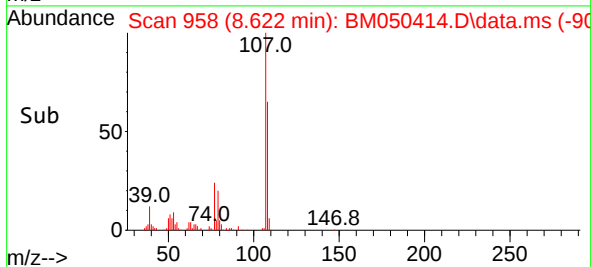
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

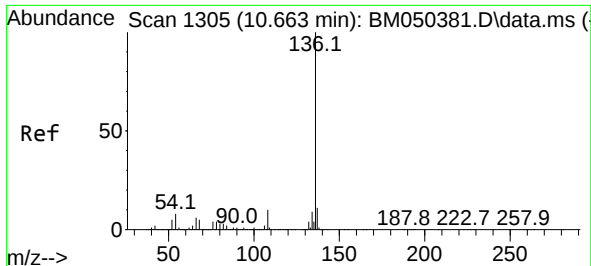


#20
3+4-Methylphenols
Concen: 6.228 ng
RT: 8.622 min Scan# 958
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



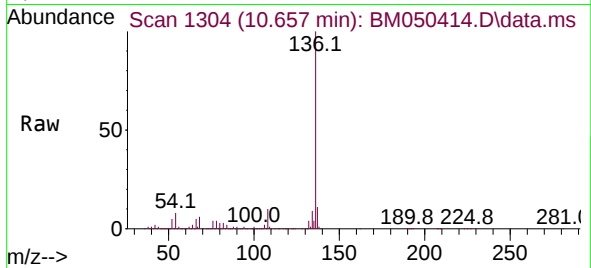
Tgt Ion:107 Resp: 171999
Ion Ratio Lower Upper
107 100
108 86.4 71.5 111.5
77 35.0 13.7 53.7
79 30.1 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

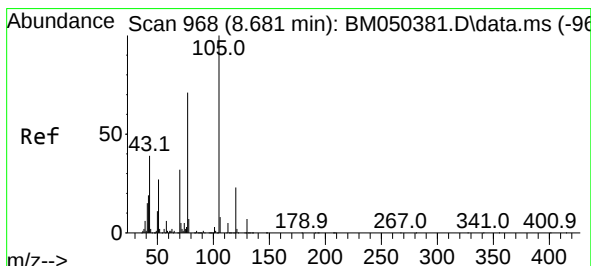
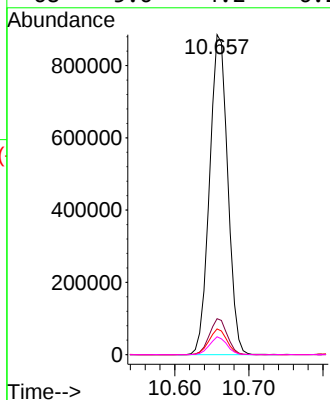
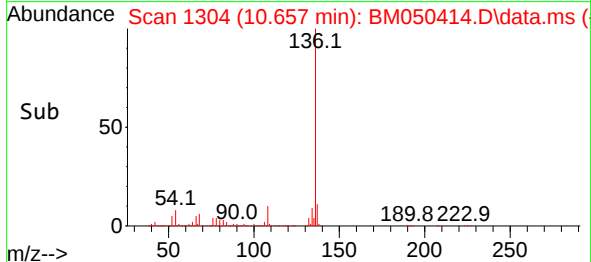
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:136 Resp: 1506000
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.0 6.3 9.5
68 5.6 4.2 6.2

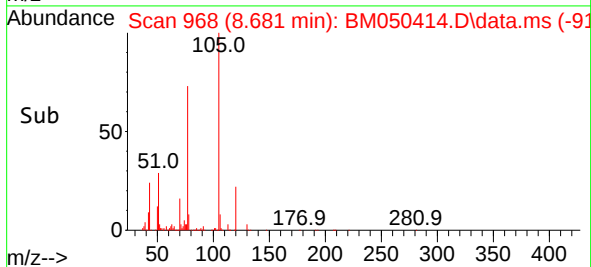
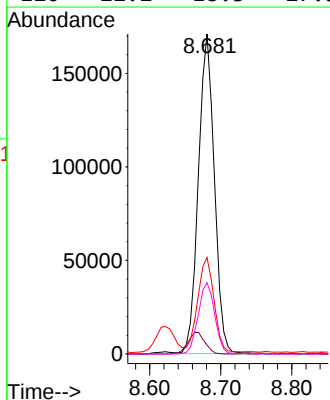
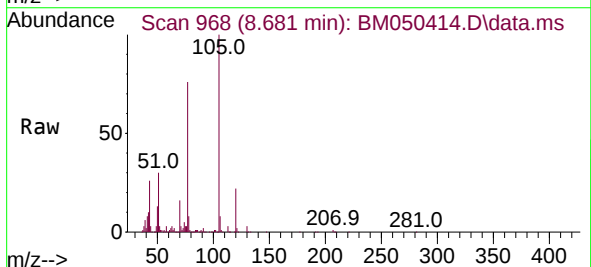
Manual Integrations
APPROVED

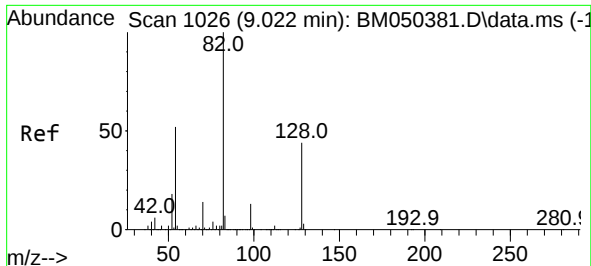
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#22
Acetophenone
Concen: 7.057 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Tgt Ion:105 Resp: 265712
Ion Ratio Lower Upper
105 100
71 2.8 4.4 6.6#
51 30.1 23.0 34.6
120 22.2 18.3 27.5





#23

Nitrobenzene-d5

Concen: 76.697 ng

RT: 9.016 min Scan# 1025

Delta R.T. 0.012 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 82 Resp: 2264029

Ion Ratio Lower Upper

82 100

128 43.3 35.2 52.8

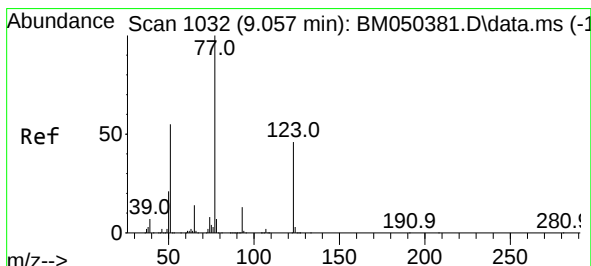
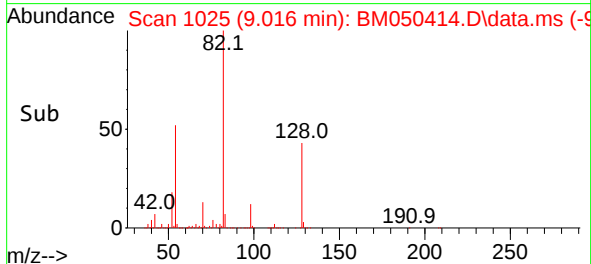
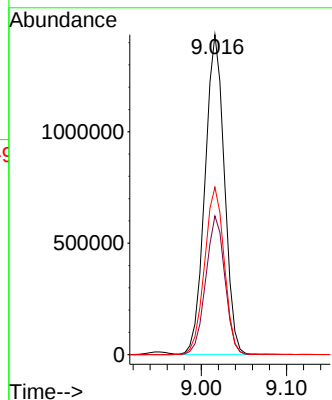
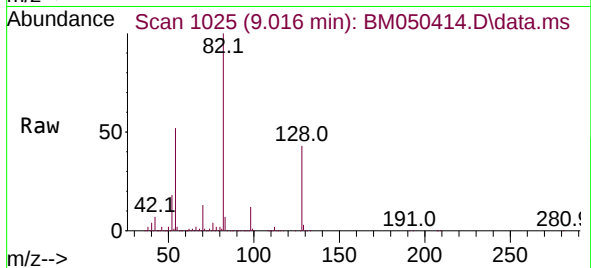
54 52.3 41.5 62.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#24

Nitrobenzene

Concen: 7.706 ng

RT: 9.057 min Scan# 1032

Delta R.T. 0.012 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

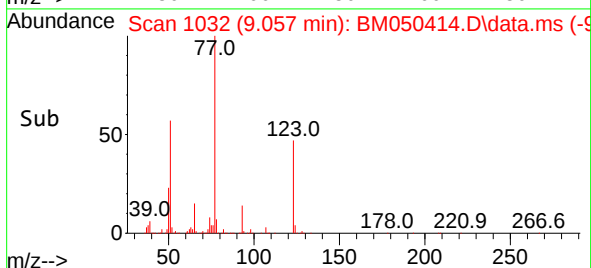
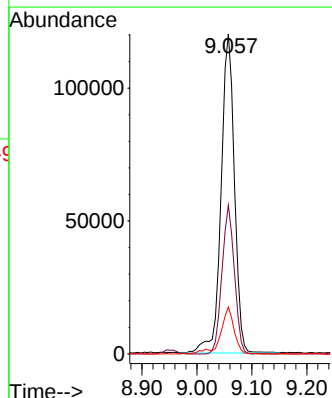
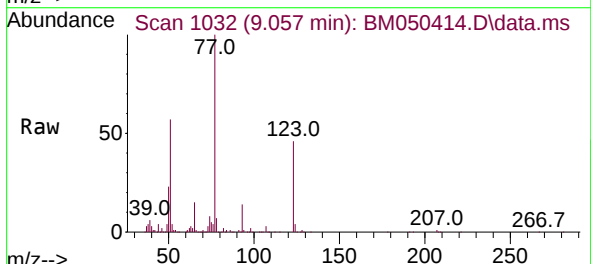
Tgt Ion: 77 Resp: 202992

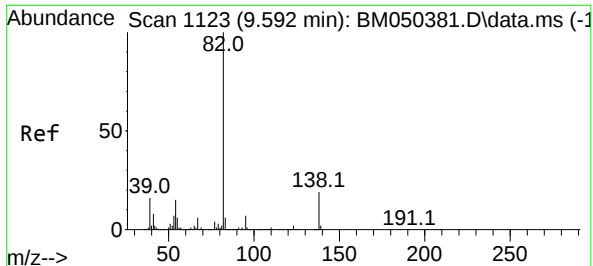
Ion Ratio Lower Upper

77 100

123 46.5 37.0 55.6

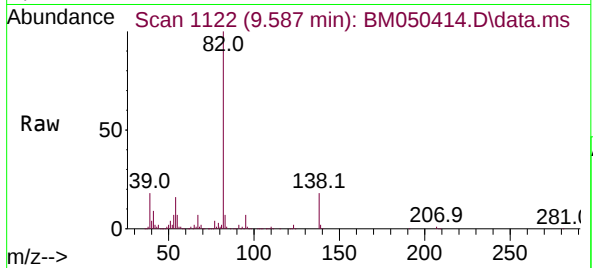
65 14.7 11.0 16.4





#25
Isophorone
Concen: 6.451 ng
RT: 9.587 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

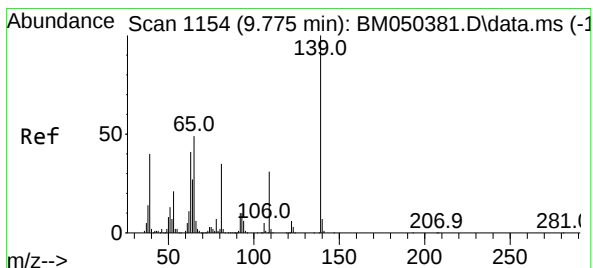
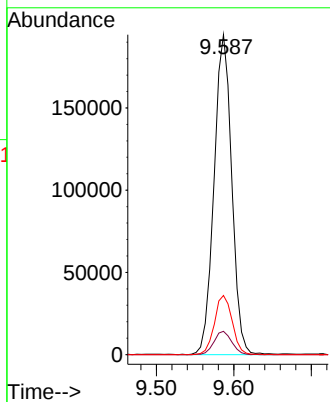
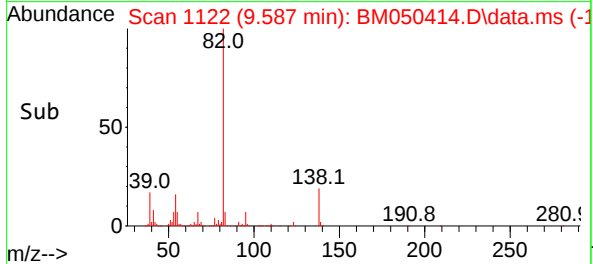
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



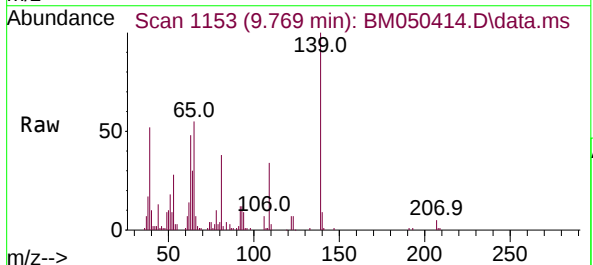
Tgt Ion: 82 Resp: 309008
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.5 15.3 22.9

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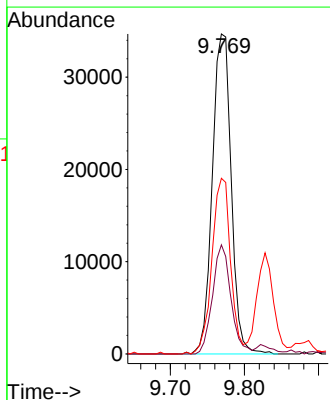
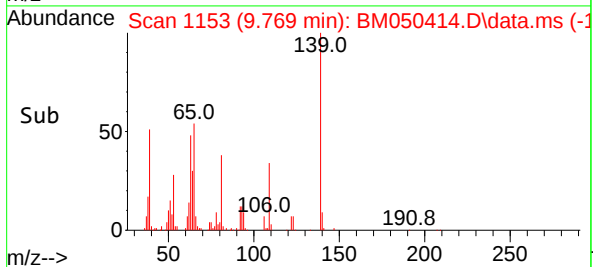
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

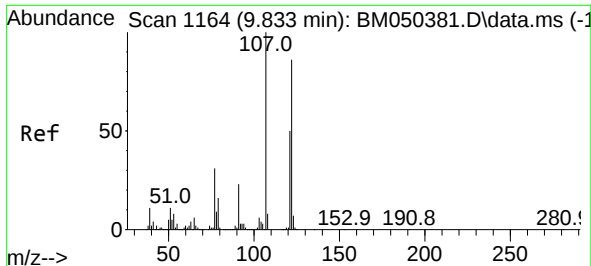


#26
2-Nitrophenol
Concen: 5.717 ng
RT: 9.769 min Scan# 1153
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



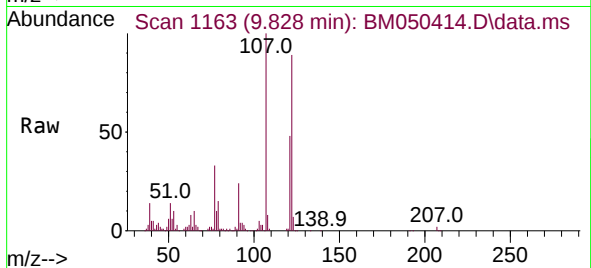
Tgt Ion:139 Resp: 61378
Ion Ratio Lower Upper
139 100
109 34.1 24.6 36.8
65 54.9 39.2 58.8





#27
2,4-Dimethylphenol
Concen: 6.659 ng
RT: 9.828 min Scan# 1163
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

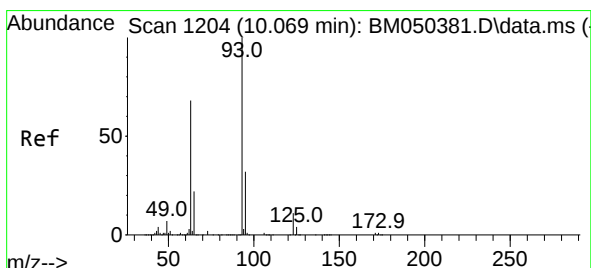
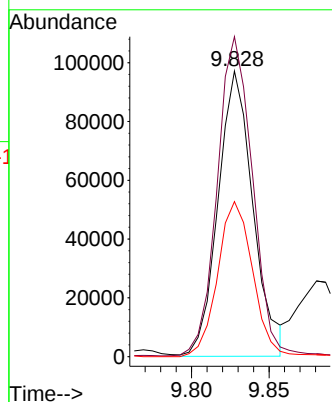
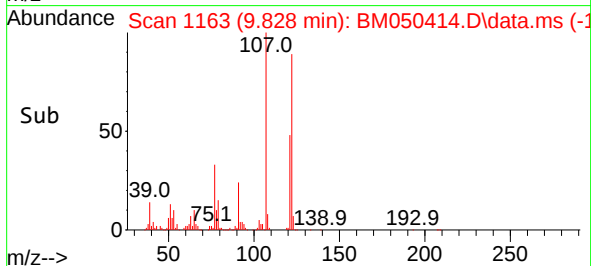
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:122 Resp: 15212
Ion Ratio Lower Upper
122 100
107 112.1 93.0 139.6
121 54.2 46.1 69.1

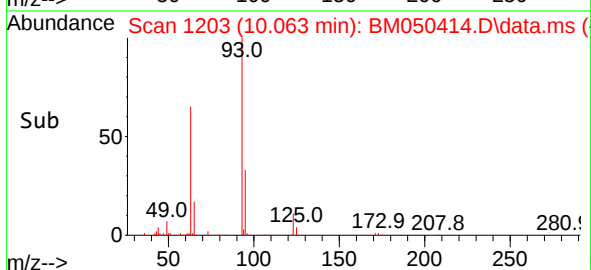
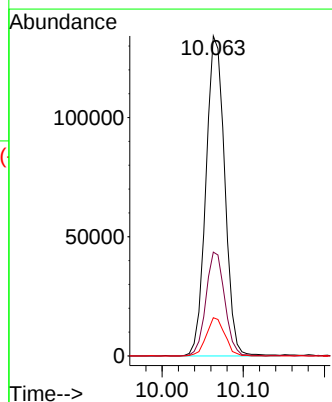
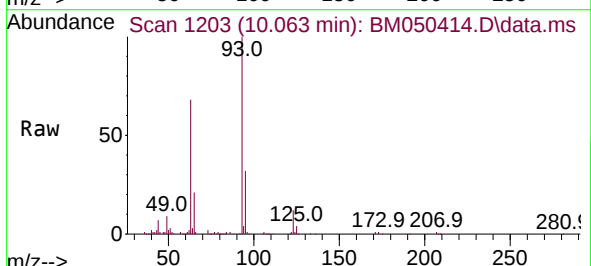
Manual Integrations
APPROVED

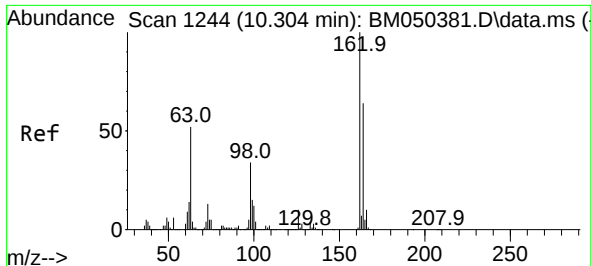
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 6.801 ng
RT: 10.063 min Scan# 1203
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

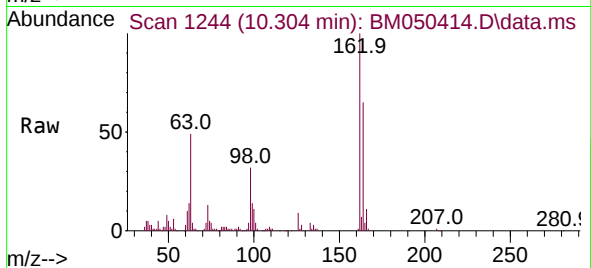
Tgt Ion: 93 Resp: 215867
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.6
123 11.9 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 6.591 ng
RT: 10.304 min Scan# 1244
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

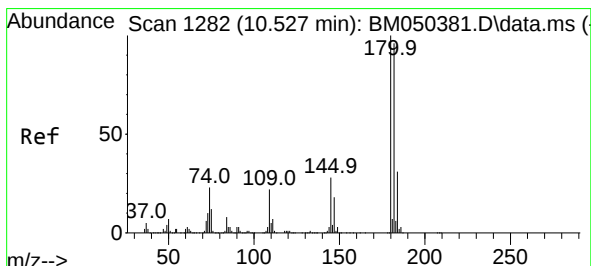
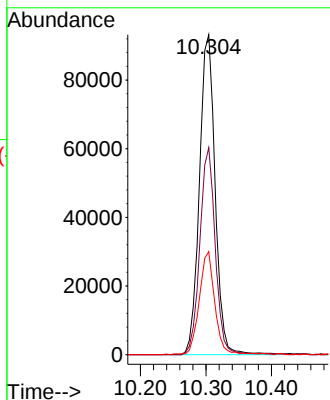
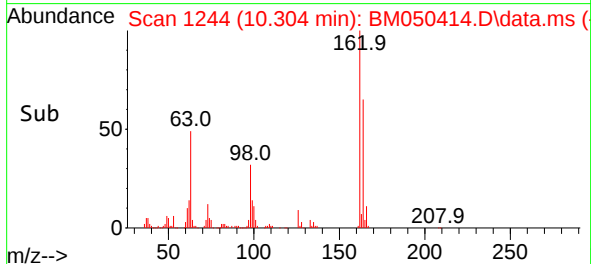
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



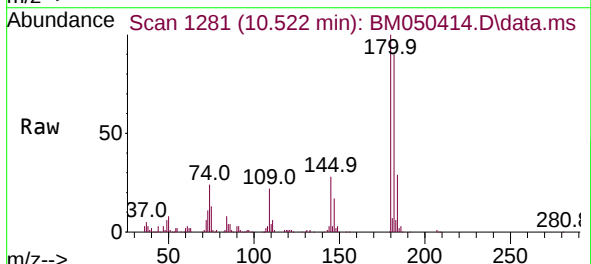
Tgt Ion:162 Resp: 154694
Ion Ratio Lower Upper
162 100
164 64.7 43.7 83.7
98 32.2 13.7 53.7

Manual Integrations
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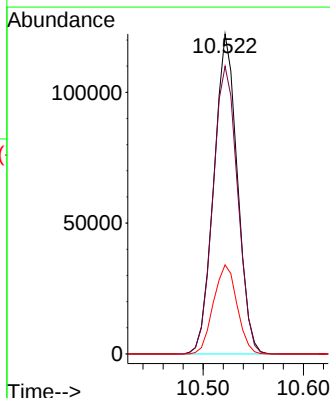
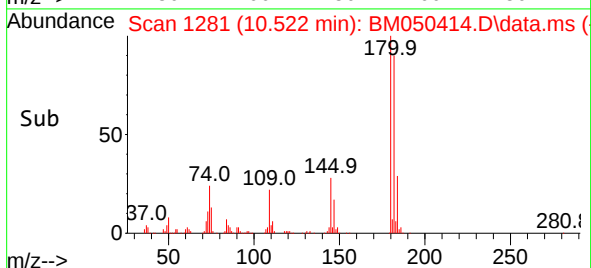
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

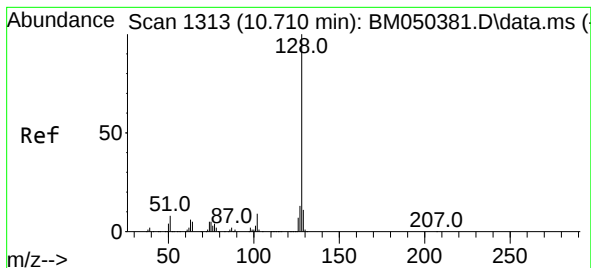


#30
1,2,4-Trichlorobenzene
Concen: 7.095 ng
RT: 10.522 min Scan# 1281
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



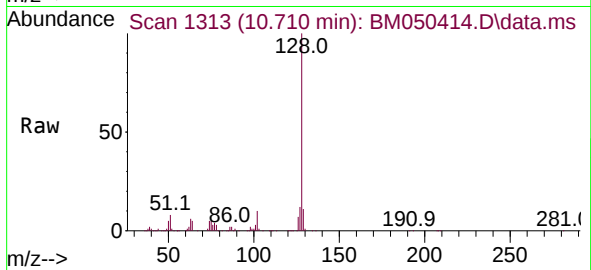
Tgt Ion:180 Resp: 199202
Ion Ratio Lower Upper
180 100
182 89.9 76.8 115.2
145 27.8 22.6 33.8





#31
Naphthalene
Concen: 7.036 ng
RT: 10.710 min Scan# 1313
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

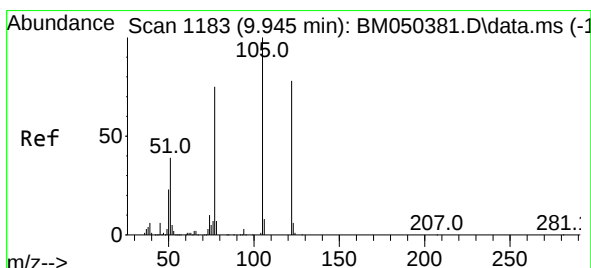
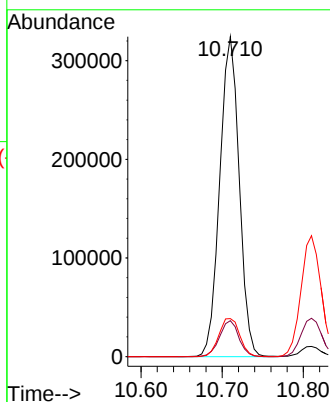
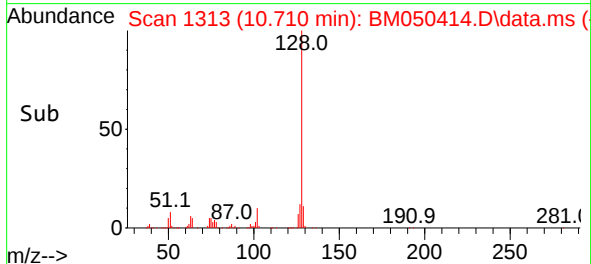
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:128 Resp: 538199
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 11.9 10.4 15.6

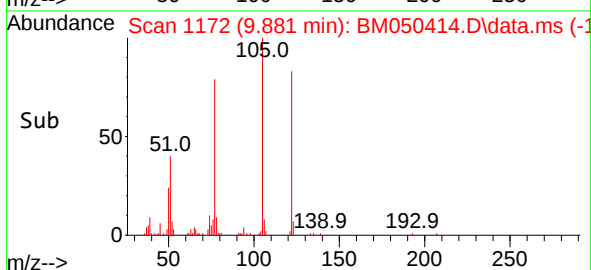
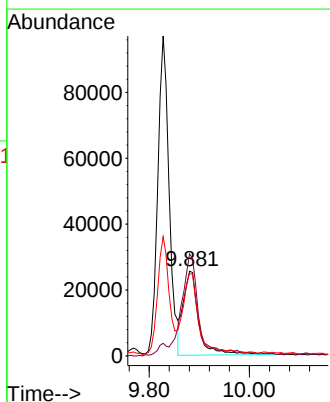
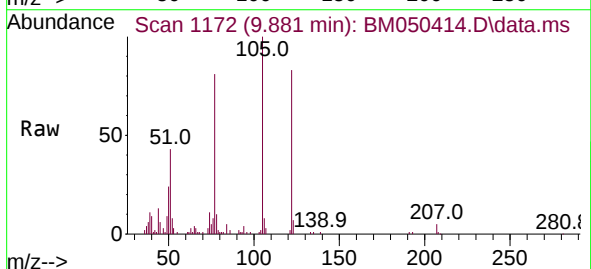
Manual Integrations
APPROVED

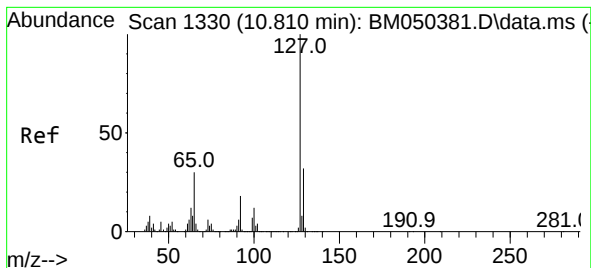
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#32
Benzoic acid
Concen: 9.424 ng
RT: 9.881 min Scan# 1172
Delta R.T. -0.053 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

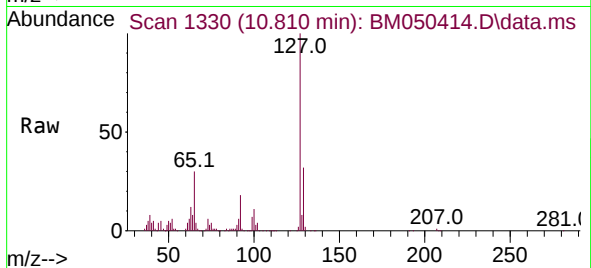
Tgt Ion:122 Resp: 55253
Ion Ratio Lower Upper
122 100
105 120.5 104.0 144.0
77 97.4 73.8 113.8





#33
4-Chloroaniline
Concen: 6.567 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

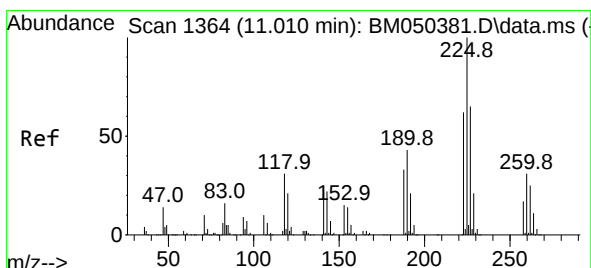
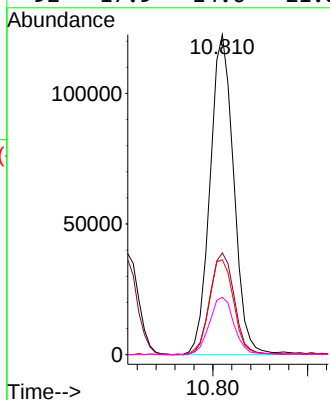
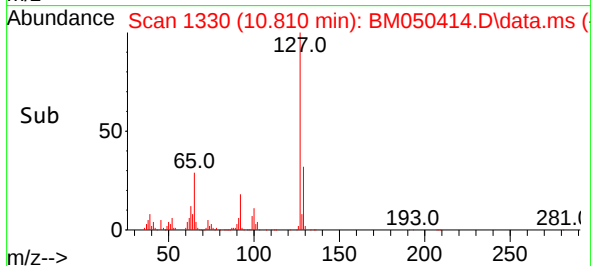
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



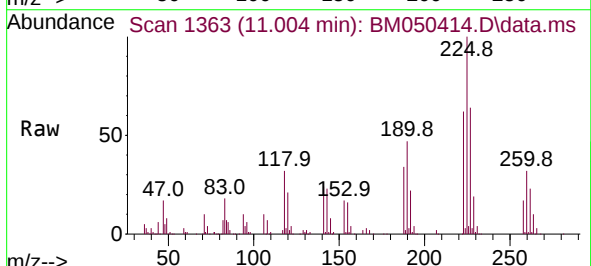
Tgt Ion:127 Resp: 212366
Ion Ratio Lower Upper
127 100
129 31.8 25.5 38.3
65 29.6 23.9 35.9
92 17.9 14.6 21.8

Manual Integrations
APPROVED

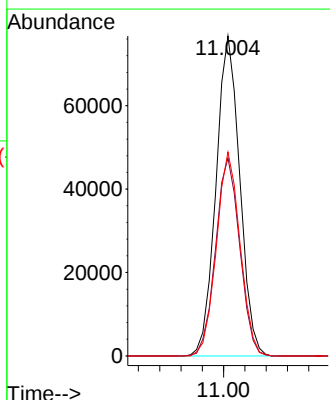
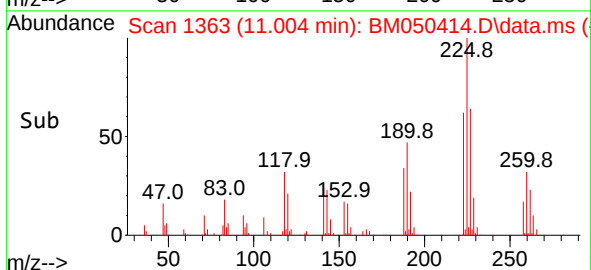
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

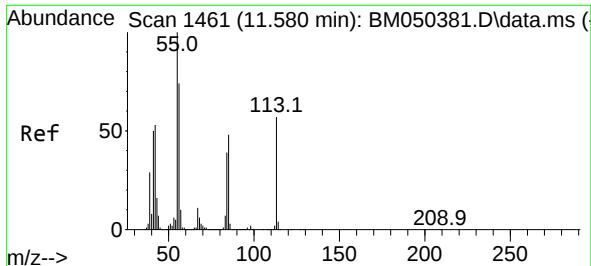


#34
Hexachlorobutadiene
Concen: 6.941 ng
RT: 11.004 min Scan# 1363
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



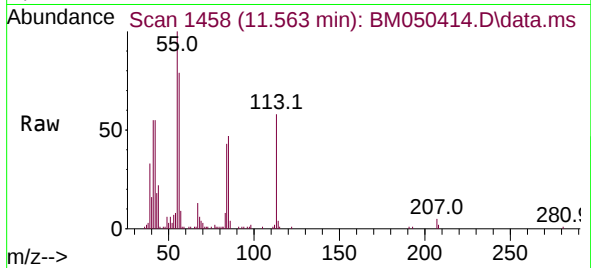
Tgt Ion:225 Resp: 118945
Ion Ratio Lower Upper
225 100
223 61.8 49.7 74.5
227 63.7 52.1 78.1





#35
Caprolactam
Concen: 5.141 ng
RT: 11.563 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

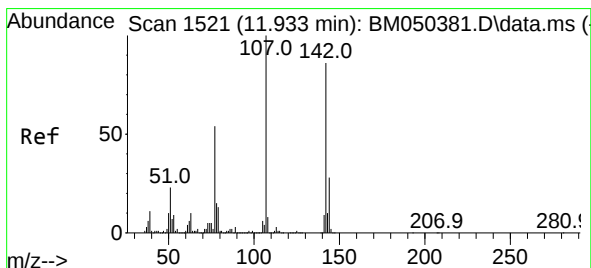
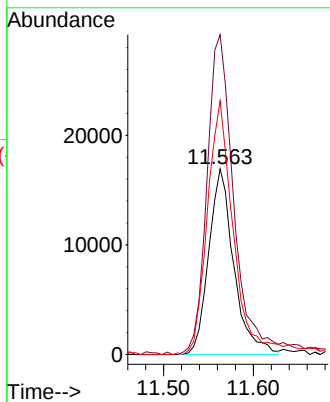
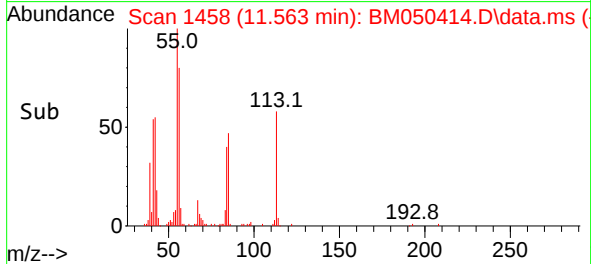
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



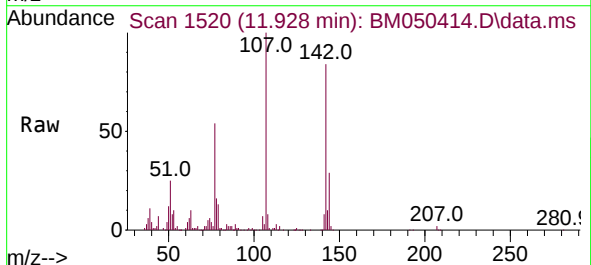
Tgt Ion:113 Resp: 32937
Ion Ratio Lower Upper
113 100
55 172.3 157.2 197.2
56 136.7 111.7 151.7

Manual Integrations
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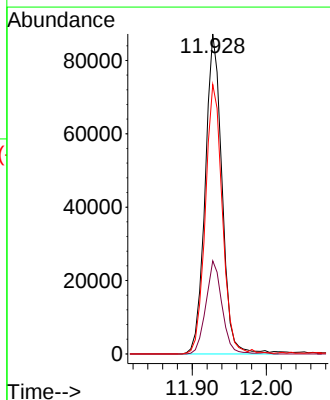
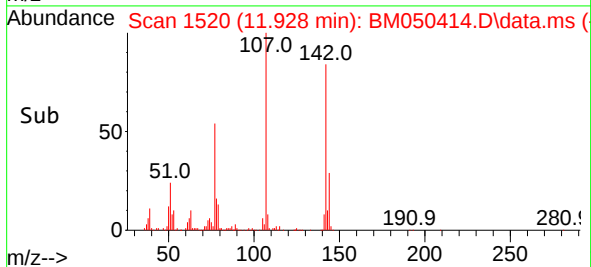
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

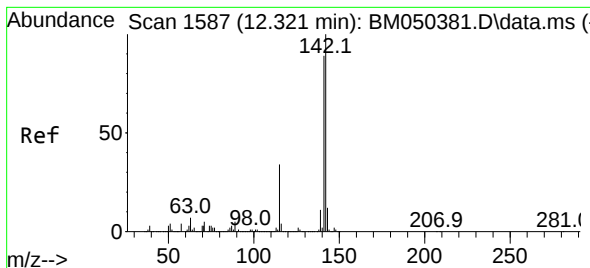


#36
4-Chloro-3-methylphenol
Concen: 6.272 ng
RT: 11.928 min Scan# 1520
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



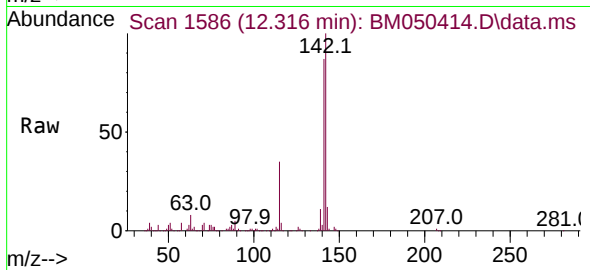
Tgt Ion:107 Resp: 137455
Ion Ratio Lower Upper
107 100
144 29.1 22.2 33.4
142 84.2 68.7 103.1





#37
2-Methylnaphthalene
Concen: 6.661 ng
RT: 12.316 min Scan# 1586
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

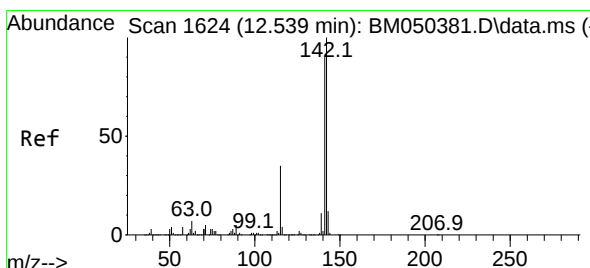
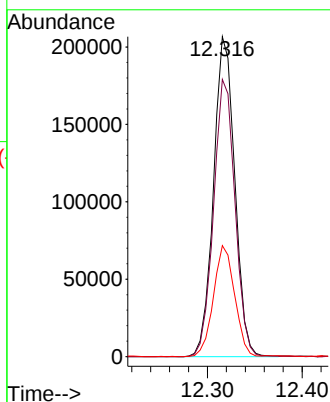
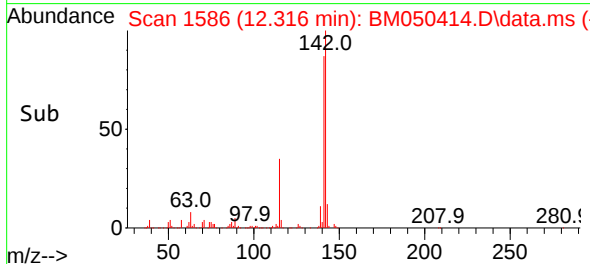
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



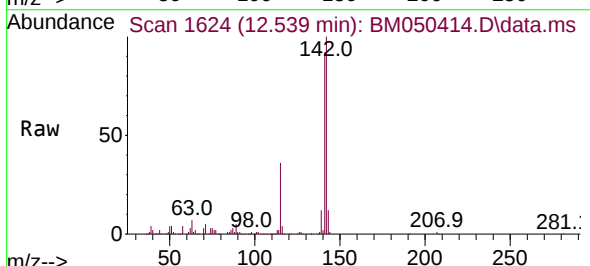
Tgt Ion:142 Resp: 321740
Ion Ratio Lower Upper
142 100
141 86.6 70.8 106.2
115 34.7 27.0 40.4

Manual Integrations
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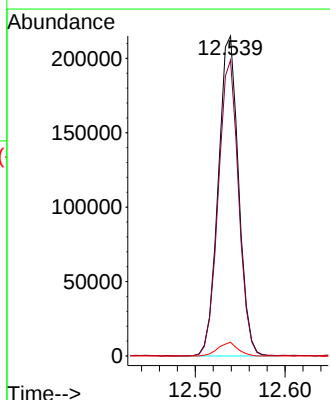
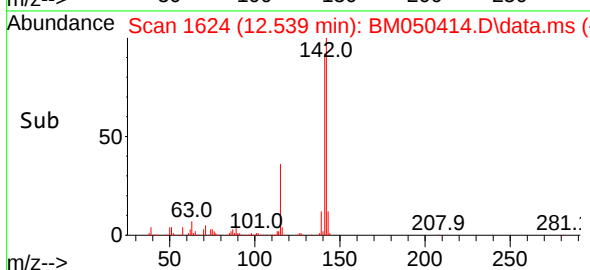
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

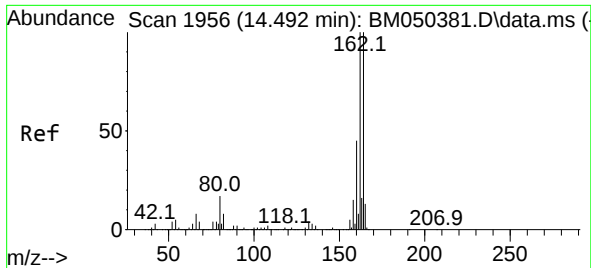


#38
1-Methylnaphthalene
Concen: 6.651 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



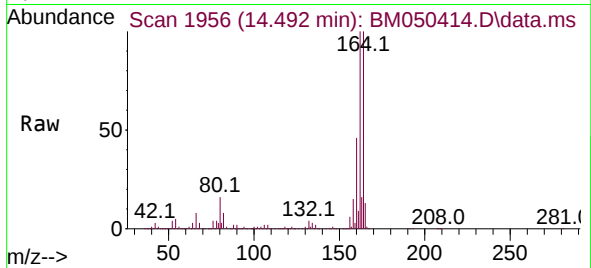
Tgt Ion:142 Resp: 339980
Ion Ratio Lower Upper
142 100
141 92.4 71.9 107.9
116 4.3 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

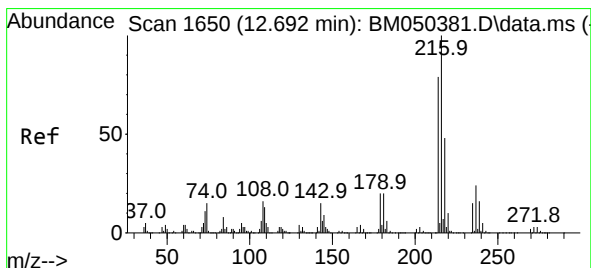
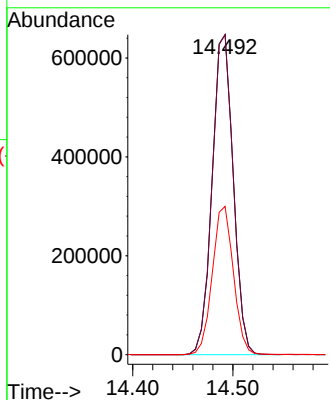
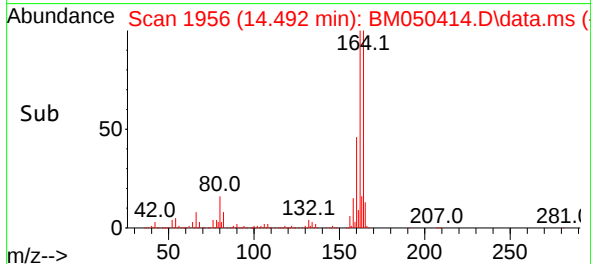
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



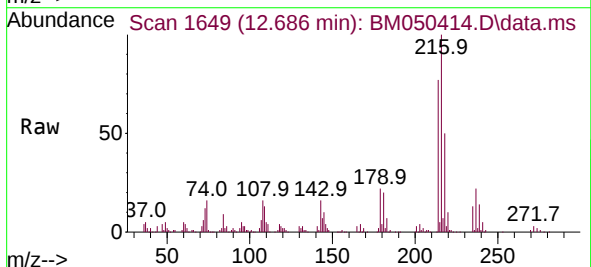
Tgt Ion:164 Resp: 946653
Ion Ratio Lower Upper
164 100
162 100.0 79.9 119.9
160 46.3 36.2 54.4

Manual Integrations
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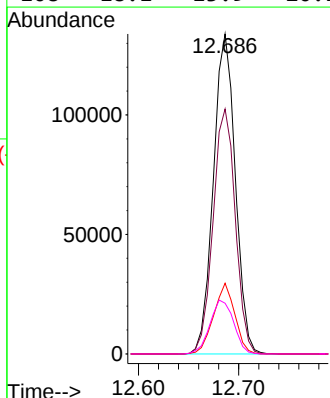
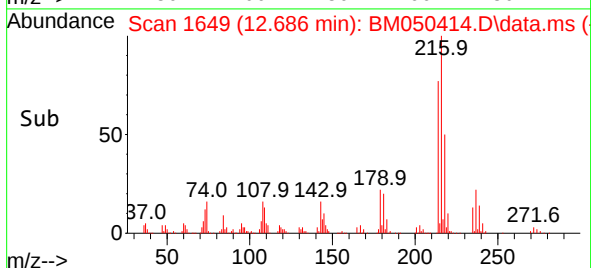
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

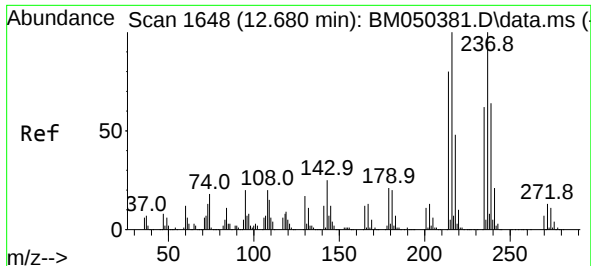


#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.774 ng
RT: 12.686 min Scan# 1649
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



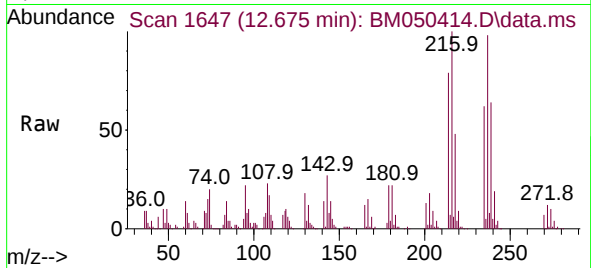
Tgt Ion:216 Resp: 203940
Ion Ratio Lower Upper
216 100
214 77.5 63.3 94.9
179 21.4 16.4 24.6
108 18.1 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 5.361 ng
RT: 12.675 min Scan# 1648
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

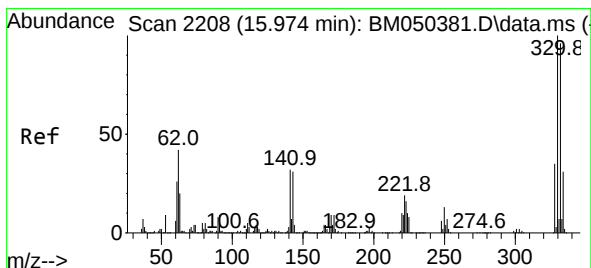
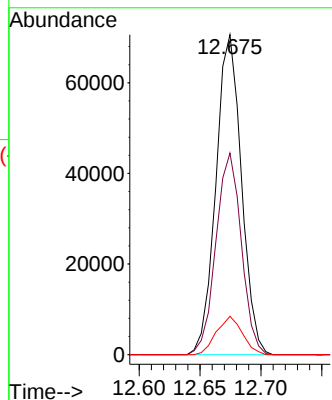
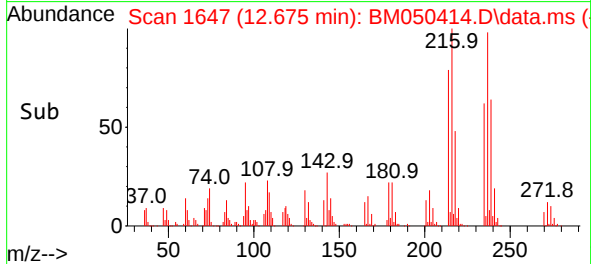
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



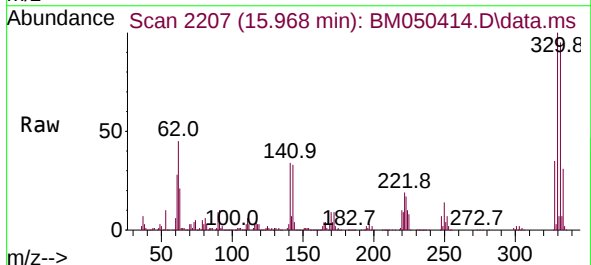
Tgt Ion:237 Resp: 103162
Ion Ratio Lower Upper
237 100
235 63.0 42.3 82.3
272 12.0 0.0 33.0

Manual Integrations
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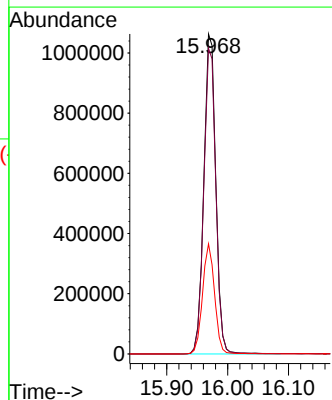
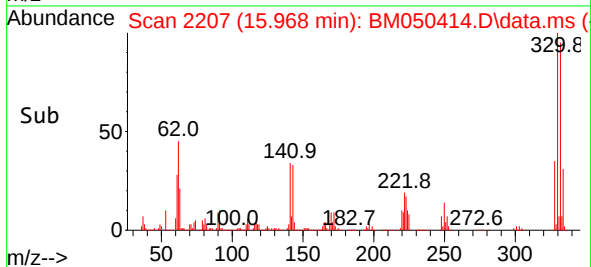
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

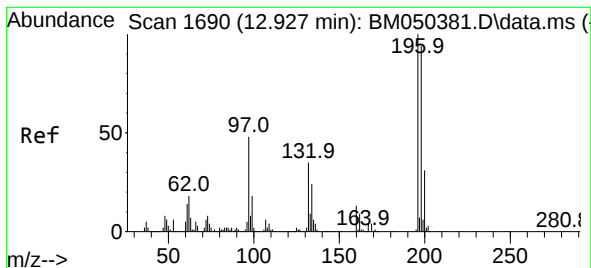


#42
2,4,6-Tribromophenol
Concen: 125.653 ng
RT: 15.968 min Scan# 2207
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



Tgt Ion:330 Resp: 1445252
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 34.7 27.4 41.0





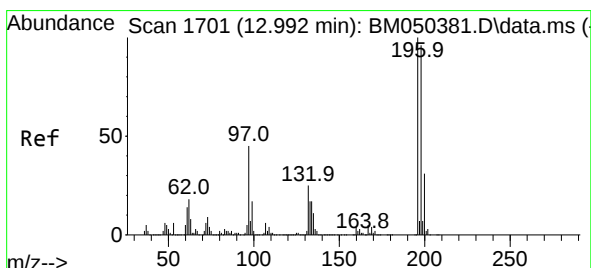
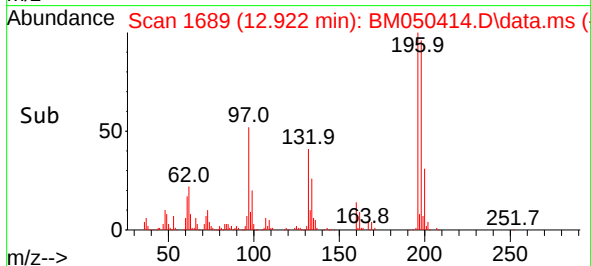
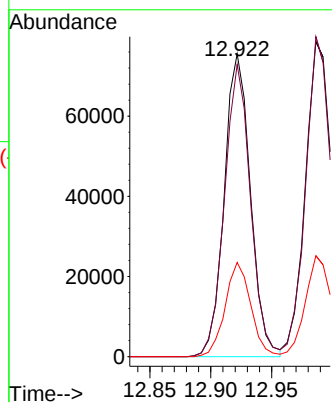
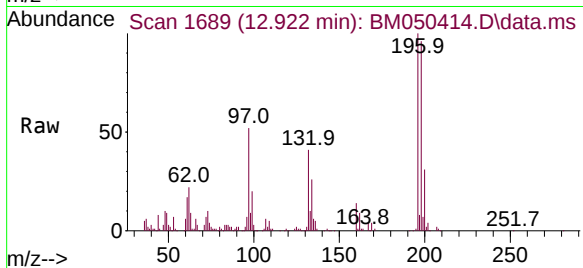
#43
2,4,6-Trichlorophenol
Concen: 6.105 ng
RT: 12.922 min Scan# 1690
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:196 Resp: 113128
Ion Ratio Lower Upper
196 100
198 96.5 75.1 112.7
200 31.1 24.6 37.0

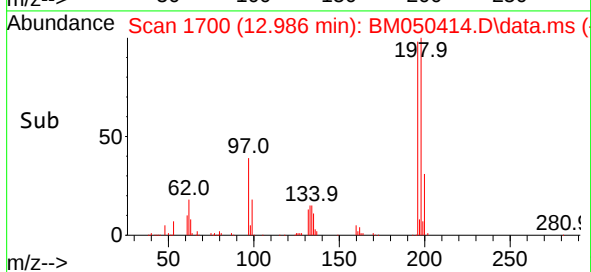
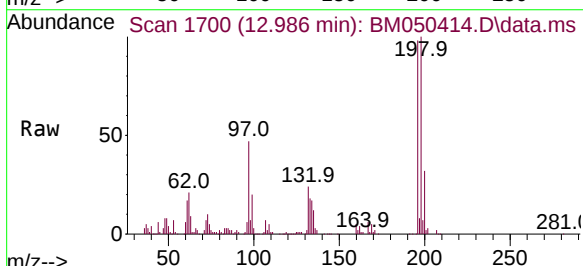
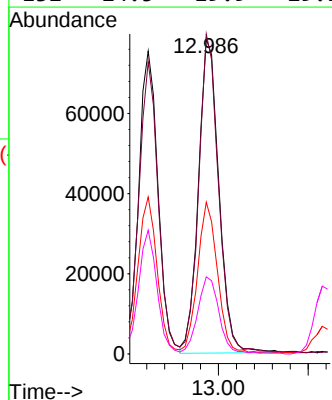
Manual Integrations
APPROVED

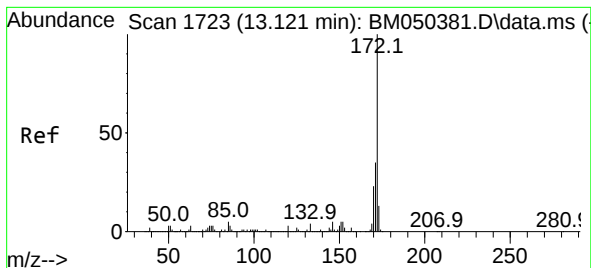
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#44
2,4,5-Trichlorophenol
Concen: 6.155 ng
RT: 12.986 min Scan# 1700
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

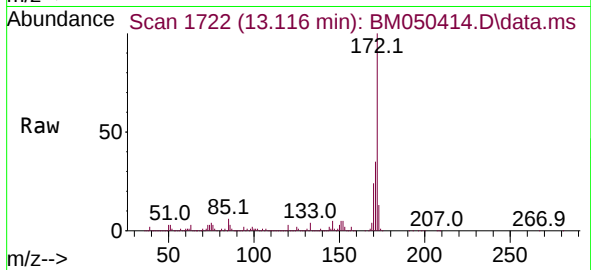
Tgt Ion:196 Resp: 124567
Ion Ratio Lower Upper
196 100
198 101.6 77.2 115.8
97 48.2 36.2 54.4
132 24.5 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 76.230 ng
RT: 13.116 min Scan# 1722
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

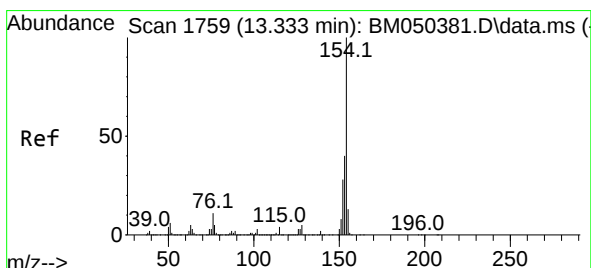
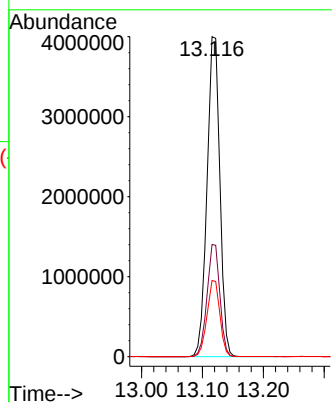
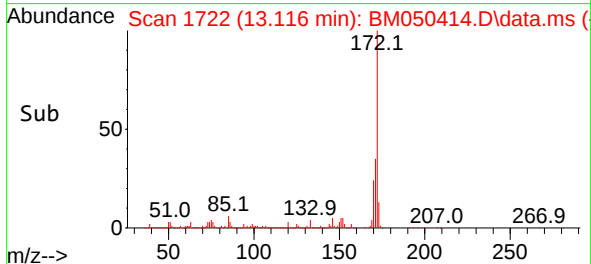
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



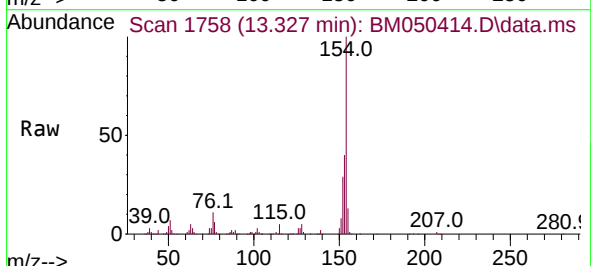
Tgt Ion:172 Resp: 5843474
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.8 18.8 28.2

Manual Integrations
APPROVED

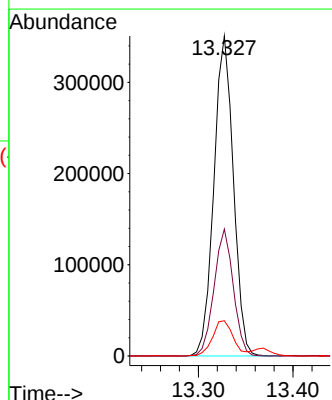
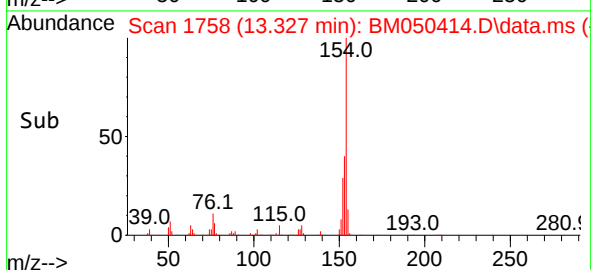
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

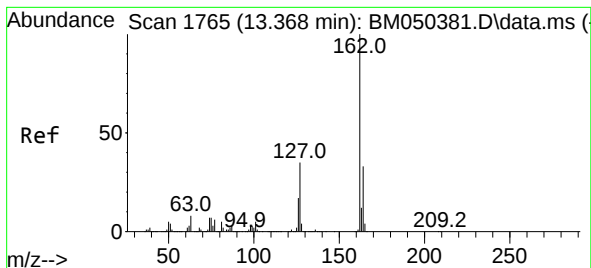


#46
1,1'-Biphenyl
Concen: 7.136 ng
RT: 13.327 min Scan# 1758
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



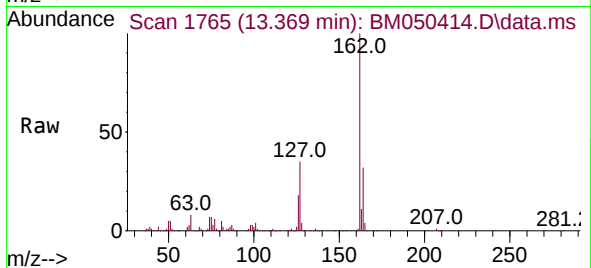
Tgt Ion:154 Resp: 501203
Ion Ratio Lower Upper
154 100
153 39.6 19.7 59.7
76 11.0 0.0 30.9





#47
2-Chloronaphthalene
Concen: 7.082 ng
RT: 13.369 min Scan# 1765
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

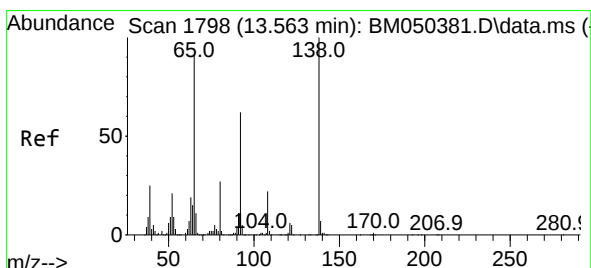
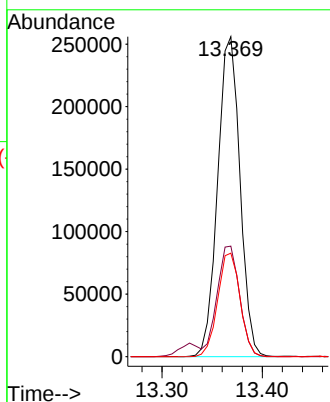
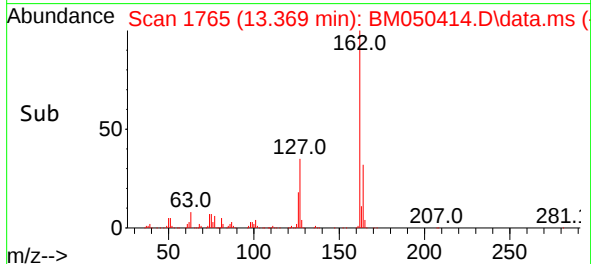
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



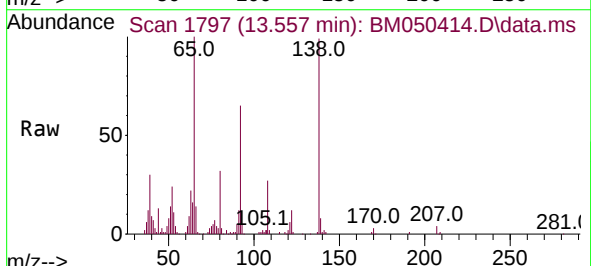
Tgt Ion:162 Resp: 396568
Ion Ratio Lower Upper
162 100
127 34.5 28.3 42.5
164 32.3 26.6 40.0

Manual Integrations
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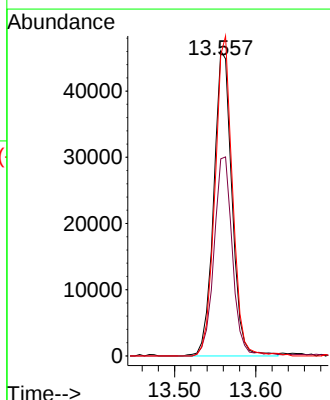
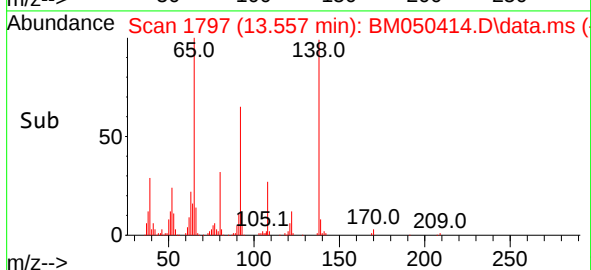
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

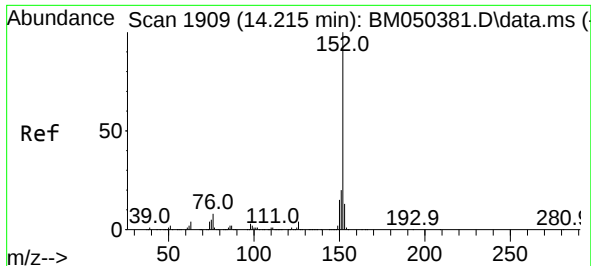


#48
2-Nitroaniline
Concen: 5.742 ng
RT: 13.557 min Scan# 1797
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



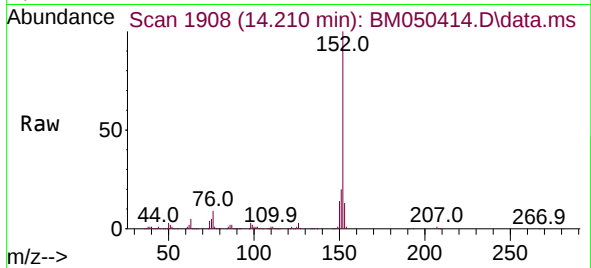
Tgt Ion: 65 Resp: 71769
Ion Ratio Lower Upper
65 100
92 64.6 54.3 81.5
138 98.6 87.8 131.6





#49
Acenaphthylene
Concen: 6.670 ng
RT: 14.210 min Scan# 1909
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

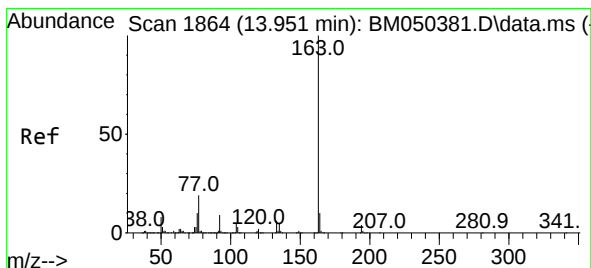
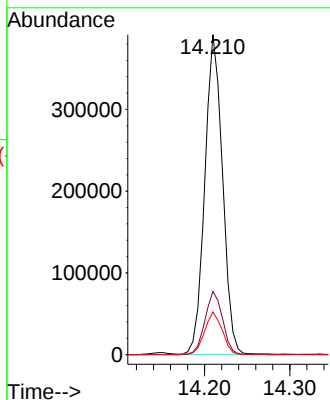
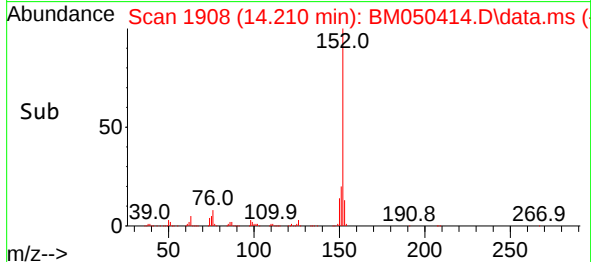
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



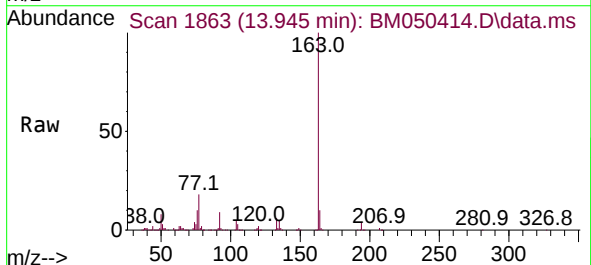
Tgt Ion:152 Resp: 564502
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 13.4 10.6 15.8

Manual Integrations
APPROVED

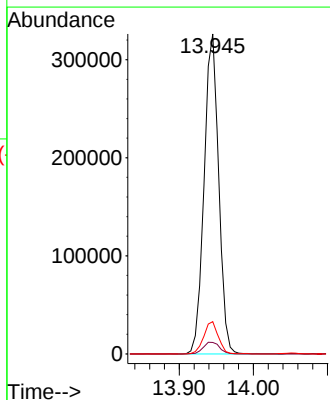
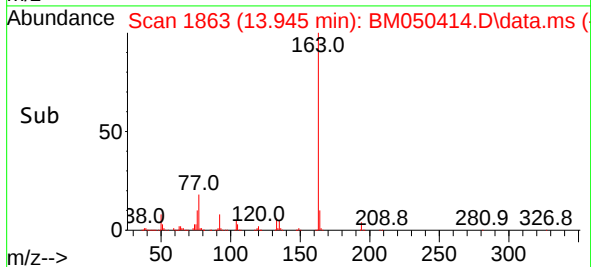
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

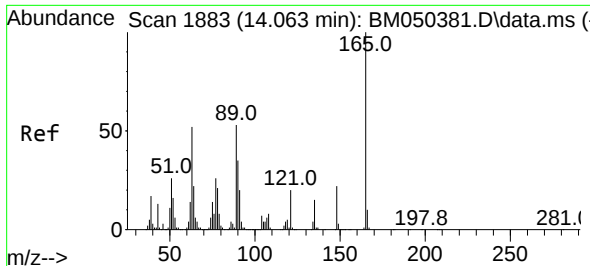


#50
Dimethylphthalate
Concen: 6.827 ng
RT: 13.945 min Scan# 1863
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



Tgt Ion:163 Resp: 444959
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 10.1 8.2 12.2





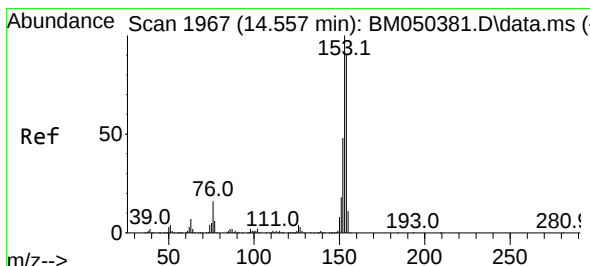
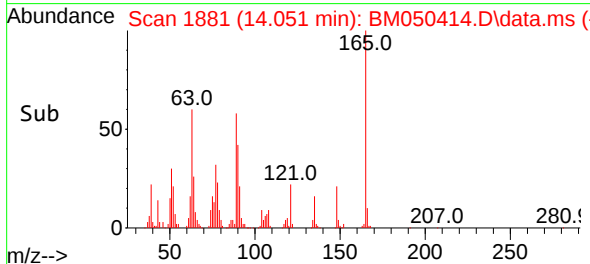
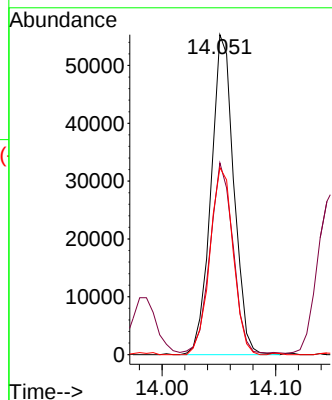
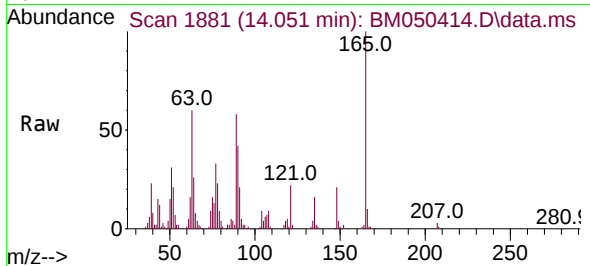
#51
2,6-Dinitrotoluene
Concen: 6.161 ng
RT: 14.051 min Scan# 1883
Delta R.T. 0.006 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:165 Resp: 77094
Ion Ratio Lower Upper
165 100
63 59.9 42.4 63.6
89 58.4 42.2 63.2

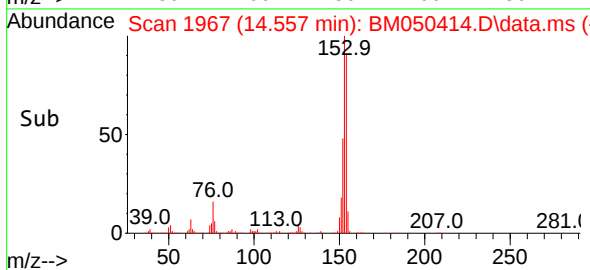
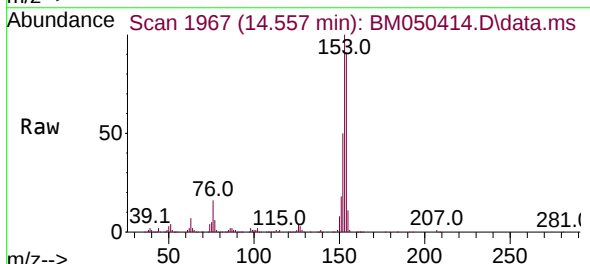
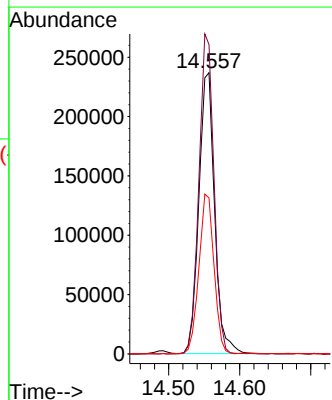
Manual Integrations
APPROVED

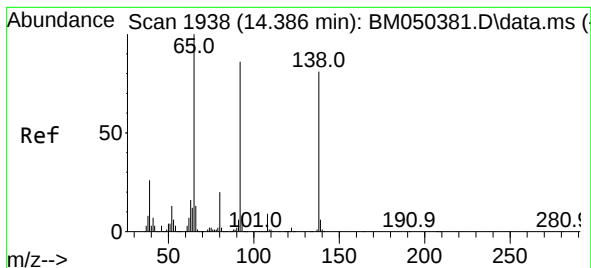
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#52
Acenaphthene
Concen: 6.761 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Tgt Ion:154 Resp: 363769
Ion Ratio Lower Upper
154 100
153 110.0 89.2 133.8
152 55.4 42.6 64.0





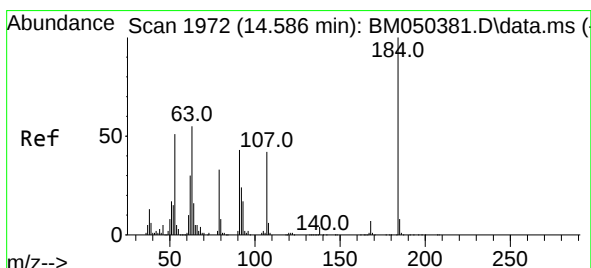
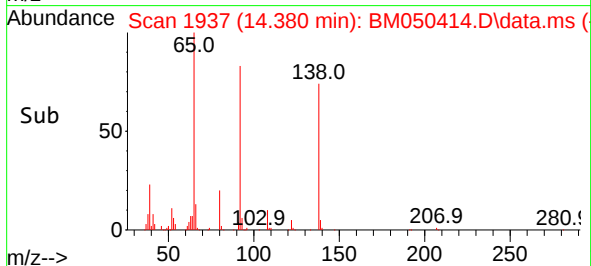
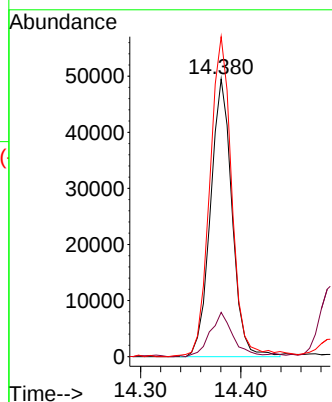
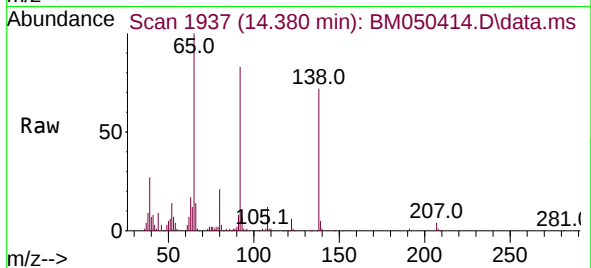
#53
3-Nitroaniline
Concen: 5.538 ng
RT: 14.380 min Scan# 1938
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:138 Resp: 73695
Ion Ratio Lower Upper
138 100
108 15.9 8.8 13.2
92 115.2 85.0 127.6

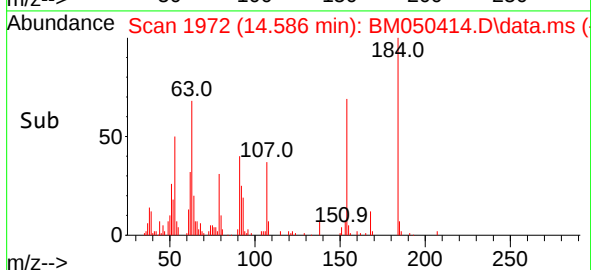
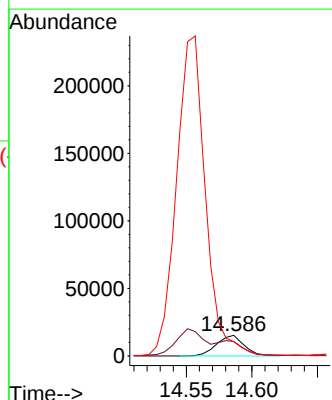
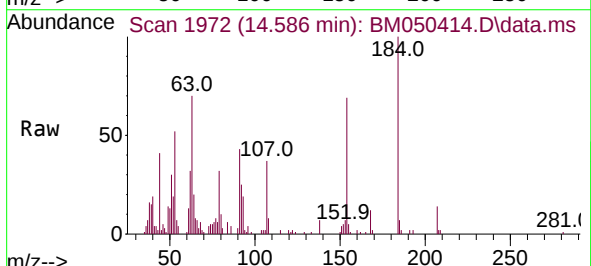
Manual Integrations
APPROVED

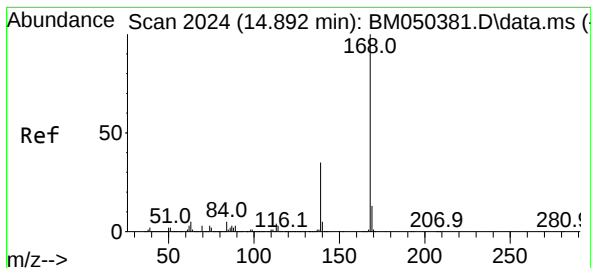
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#54
2,4-Dinitrophenol
Concen: 9.363 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

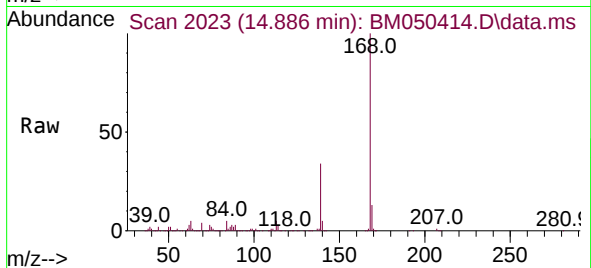
Tgt Ion:184 Resp: 22186
Ion Ratio Lower Upper
184 100
63 69.6 53.4 80.0
154 68.8 61.6 92.4





#55
Dibenzofuran
Concen: 7.003 ng
RT: 14.886 min Scan# 2024
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

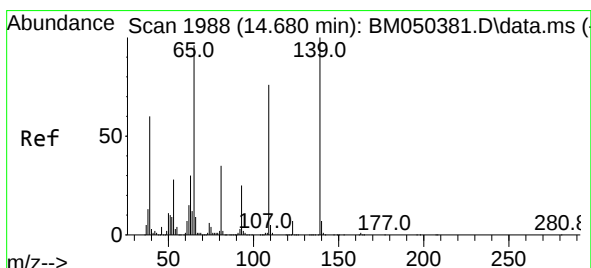
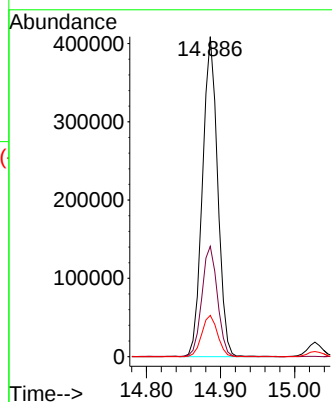
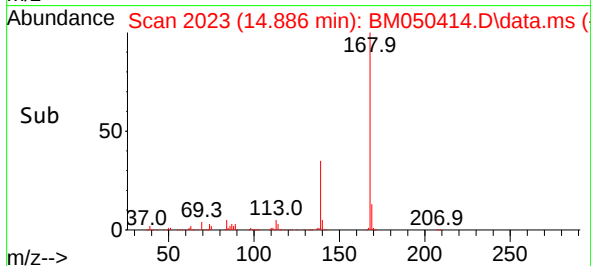
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



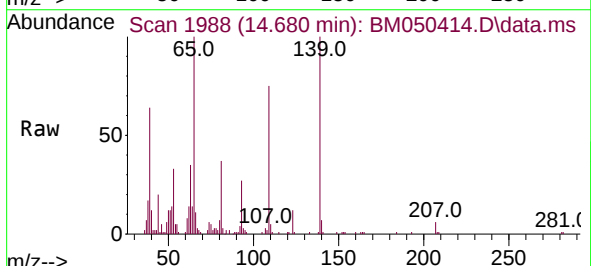
Tgt Ion:168 Resp: 580603
Ion Ratio Lower Upper
168 100
139 34.5 27.7 41.5
169 12.9 10.7 16.1

Manual Integrations
APPROVED

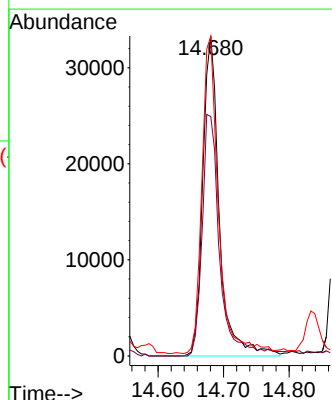
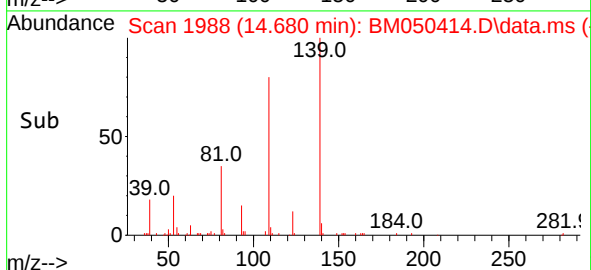
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

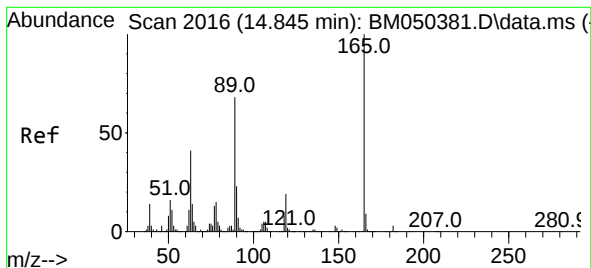


#56
4-Nitrophenol
Concen: 5.067 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



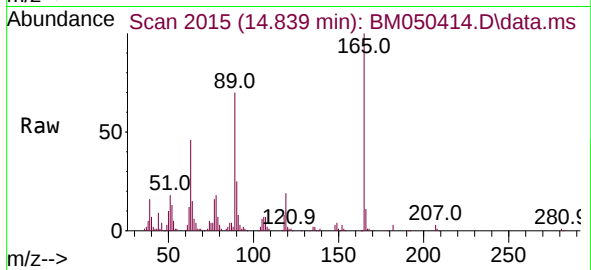
Tgt Ion:139 Resp: 57995
Ion Ratio Lower Upper
139 100
109 74.8 56.5 96.5
65 99.9 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 7.377 ng
RT: 14.839 min Scan# 2016
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

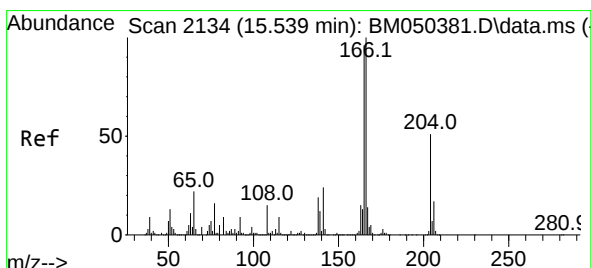
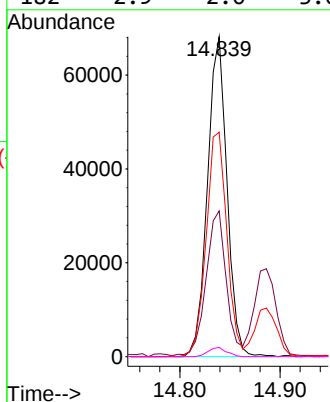
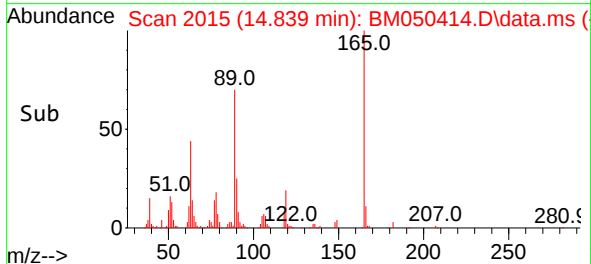
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



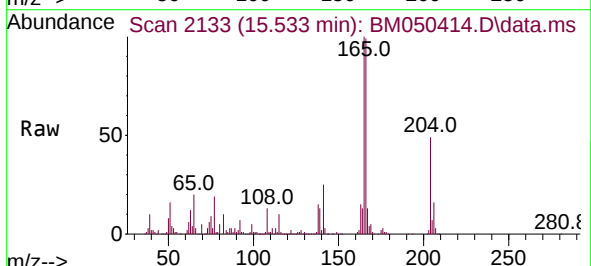
Tgt Ion:165 Resp: 92402
Ion Ratio Lower Upper
165 100
63 45.5 32.5 48.7
89 70.1 54.0 81.0
182 2.9 2.0 3.0

Manual Integrations
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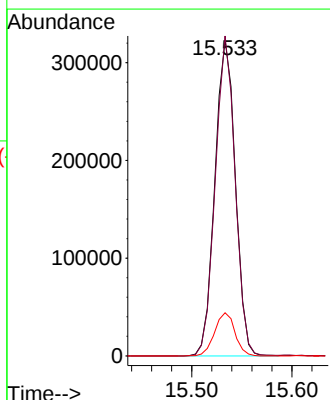
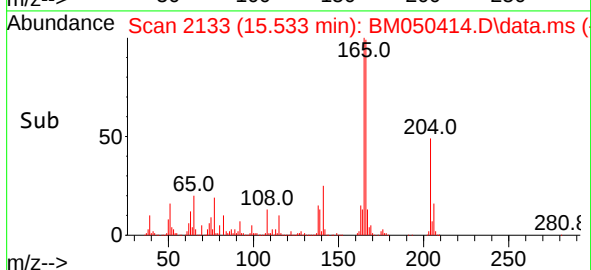
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

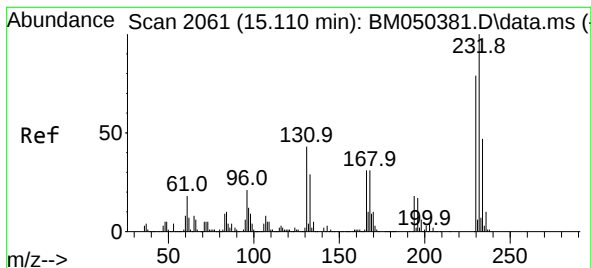


#58
Fluorene
Concen: 6.715 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



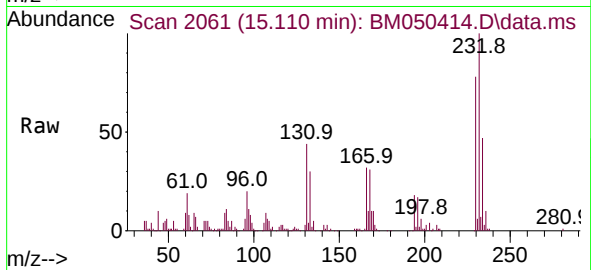
Tgt Ion:166 Resp: 458535
Ion Ratio Lower Upper
166 100
165 101.3 77.0 115.6
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 6.098 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

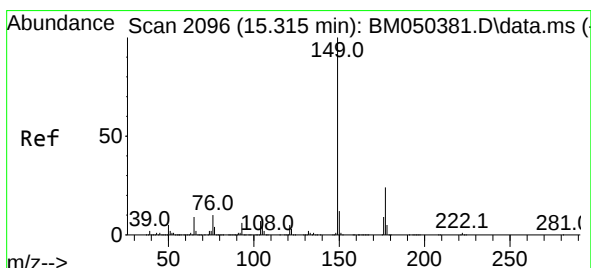
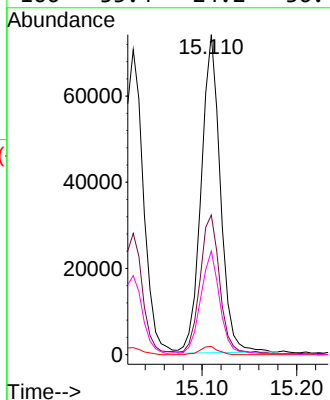
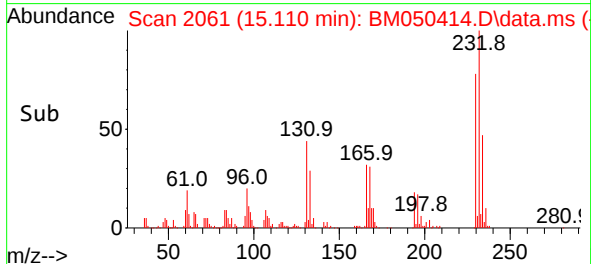
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



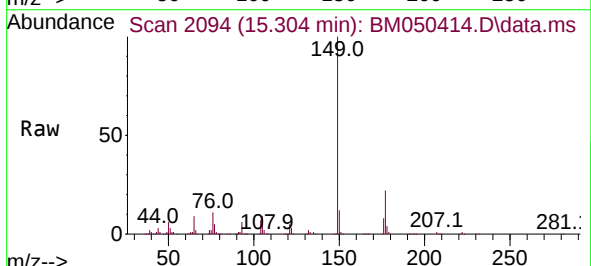
Tgt Ion:232 Resp: 103881
Ion Ratio Lower Upper
232 100
131 45.2 33.4 50.0
130 2.4 1.8 2.6
166 33.4 24.2 36.4

Manual Integrations
APPROVED

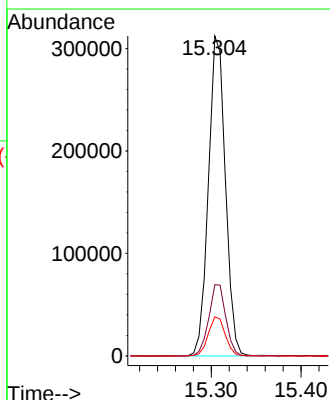
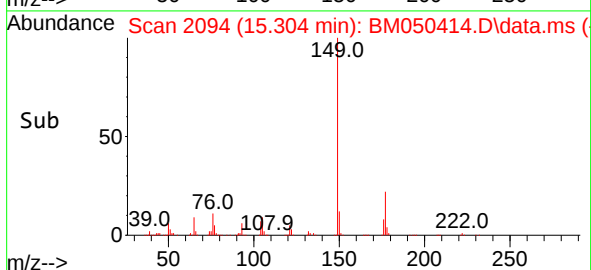
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

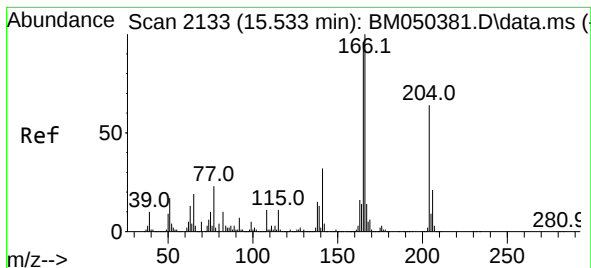


#60
Diethylphthalate
Concen: 6.624 ng
RT: 15.304 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



Tgt Ion:149 Resp: 412409
Ion Ratio Lower Upper
149 100
177 22.3 18.8 28.2
150 12.2 9.8 14.8





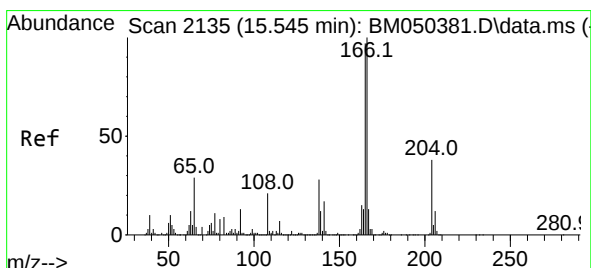
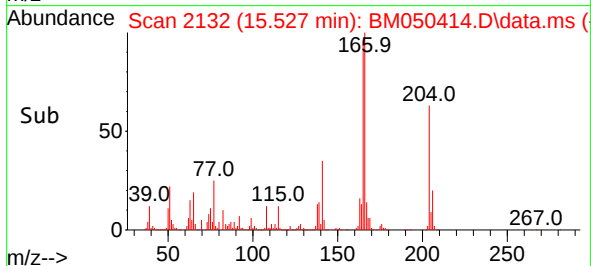
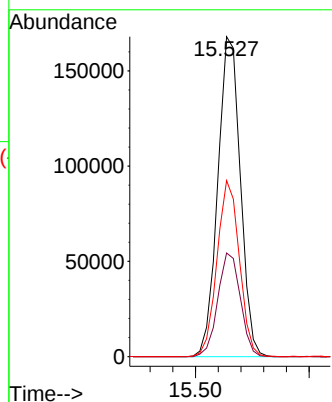
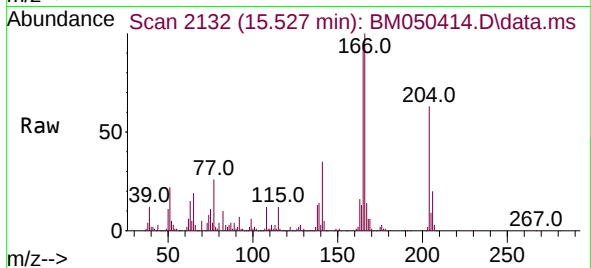
#61
4-Chlorophenyl-phenylether
Concen: 6.487 ng
RT: 15.527 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:204 Resp: 231625
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 55.0 39.9 59.9

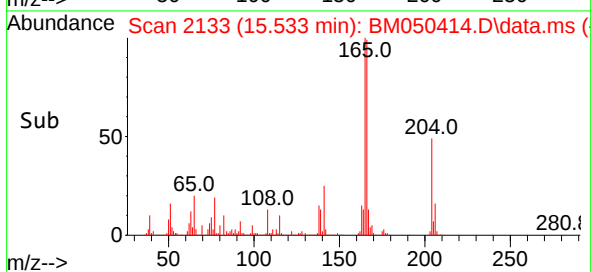
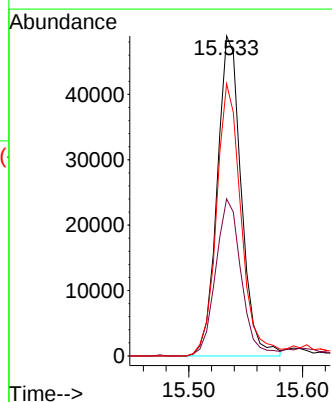
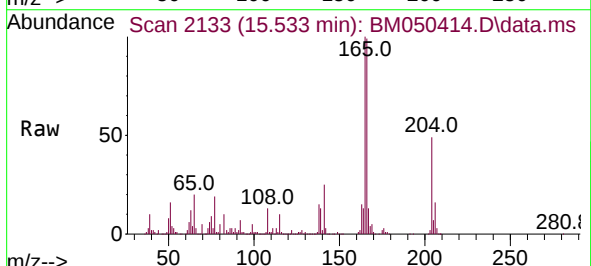
Manual Integrations
APPROVED

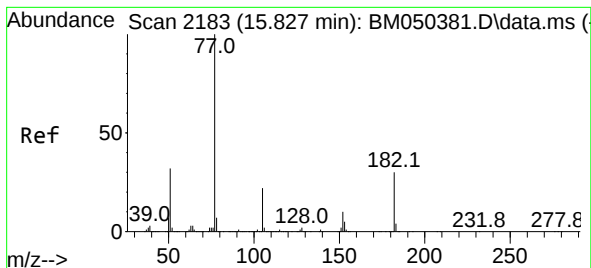
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#62
4-Nitroaniline
Concen: 7.026 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Tgt Ion:138 Resp: 71781
Ion Ratio Lower Upper
138 100
92 49.1 24.5 64.5
108 85.0 52.5 92.5





#63

Azobenzene

Concen: 6.467 ng

RT: 15.821 min Scan# 21

Delta R.T. 0.018 min

Lab File: BM050414.D

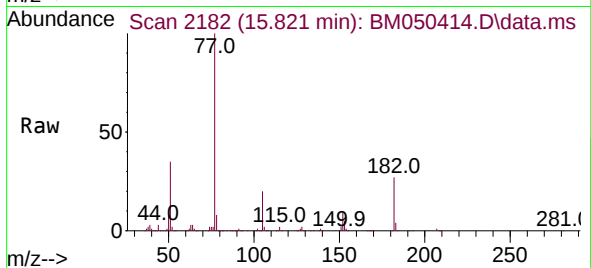
Acq: 11 Jul 2025 15:43

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 77 Resp: 36968

Ion Ratio Lower Upper

77 100

182 26.8 10.0 50.0

105 20.2 2.0 42.0

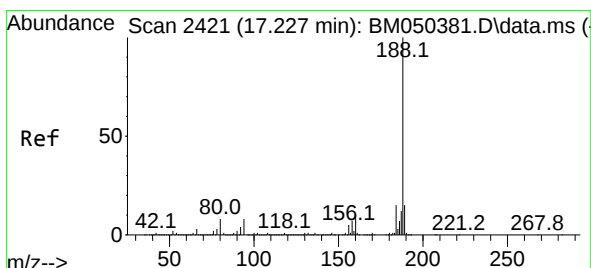
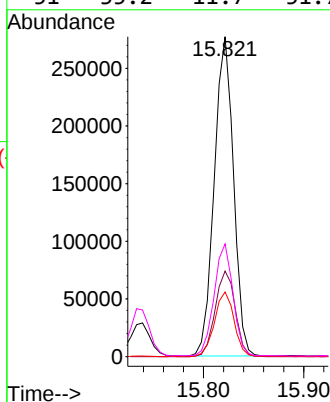
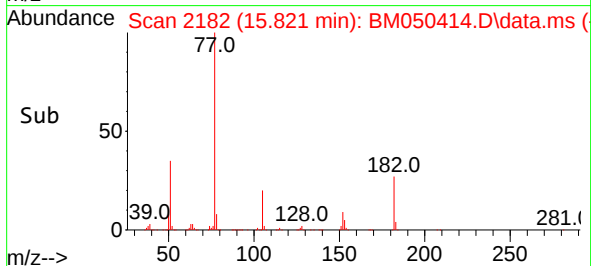
51 35.2 11.7 51.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2420

Delta R.T. 0.012 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

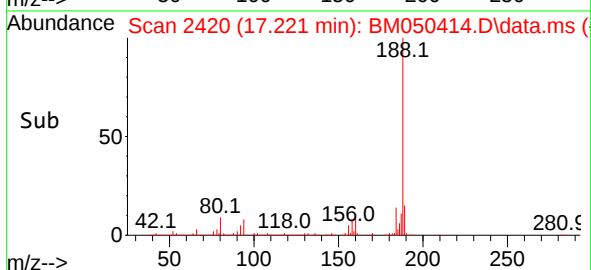
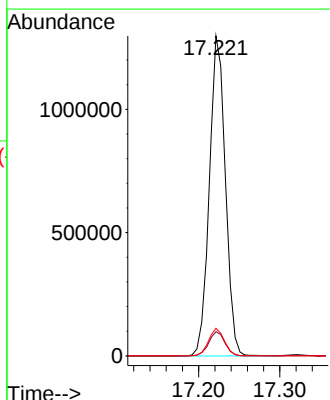
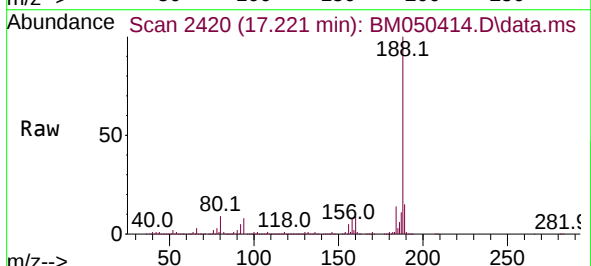
Tgt Ion:188 Resp: 1783938

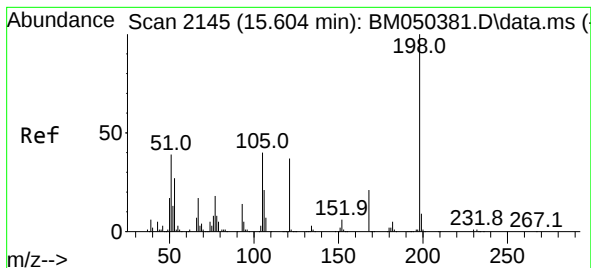
Ion Ratio Lower Upper

188 100

94 7.6 6.0 9.0

80 8.7 6.5 9.7





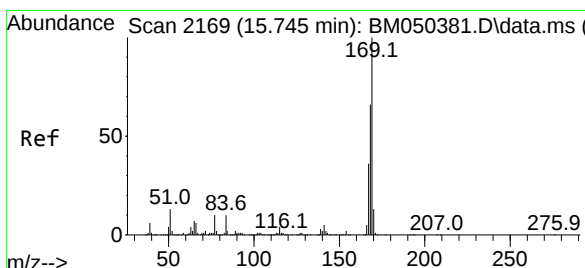
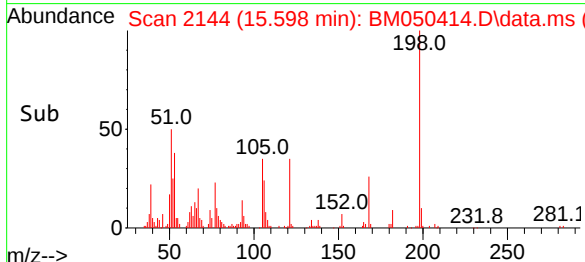
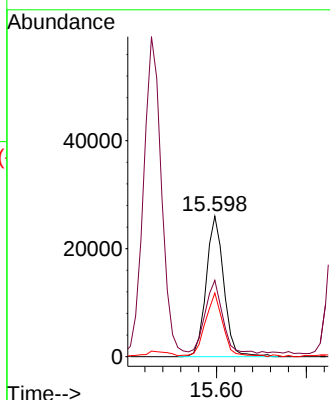
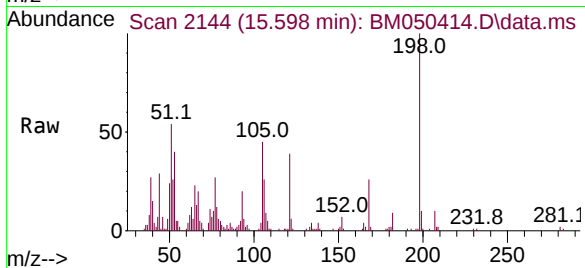
#65
4,6-Dinitro-2-methylphenol
Concen: 9.504 ng
RT: 15.598 min Scan# 2144
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:198 Resp: 3535
Ion Ratio Lower Upper
198 100
51 54.2 26.6 66.6
105 45.3 20.9 60.9

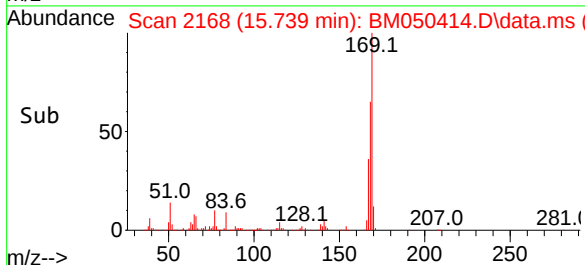
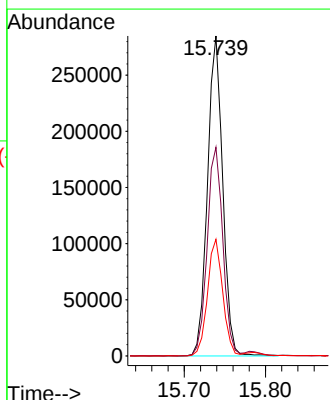
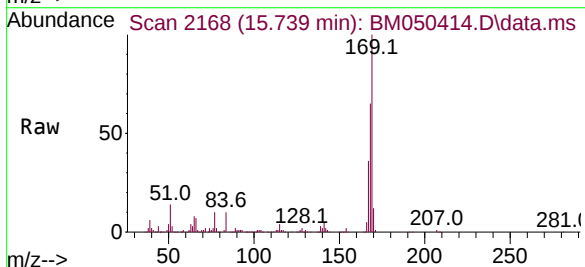
Manual Integrations
APPROVED

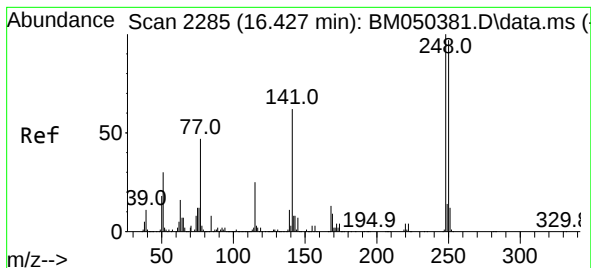
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#66
n-Nitrosodiphenylamine
Concen: 6.658 ng
RT: 15.739 min Scan# 2168
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Tgt Ion:169 Resp: 371655
Ion Ratio Lower Upper
169 100
168 65.2 53.2 79.8
167 36.4 28.7 43.1





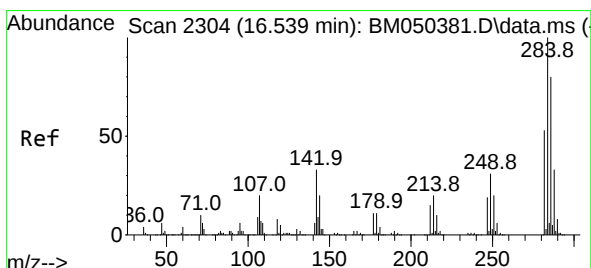
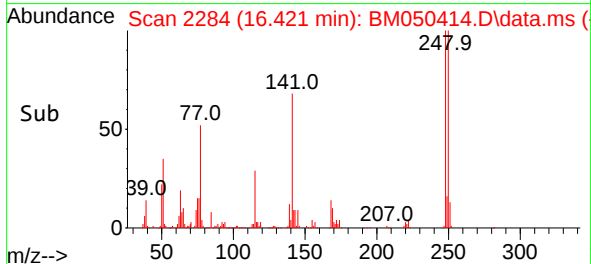
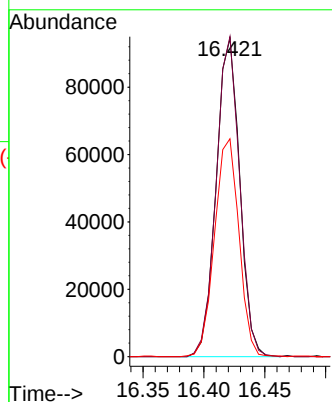
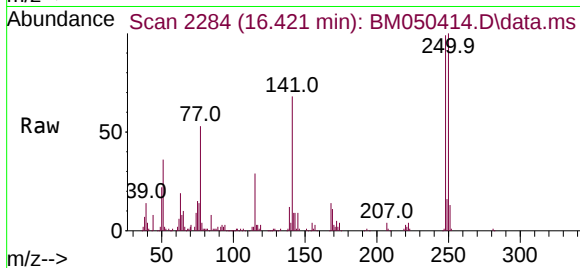
#67
4-Bromophenyl-phenylether
Concen: 6.456 ng
RT: 16.421 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:248 Resp: 126884
Ion Ratio Lower Upper
248 100
250 100.6 77.9 116.9
141 68.4 49.7 74.5

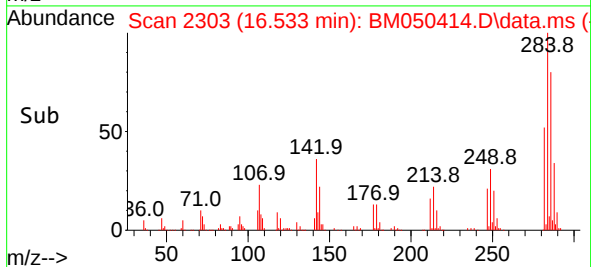
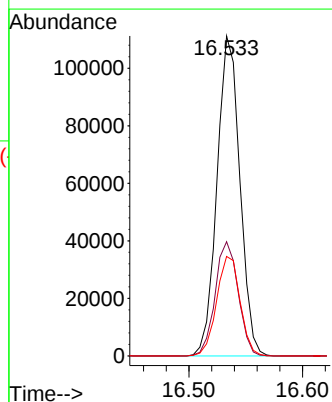
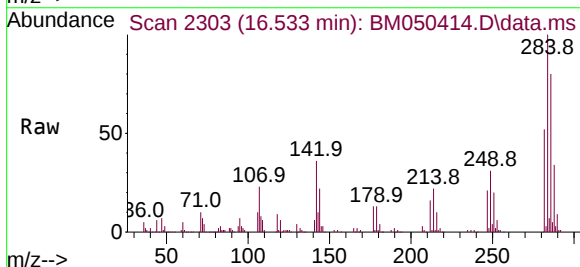
Manual Integrations
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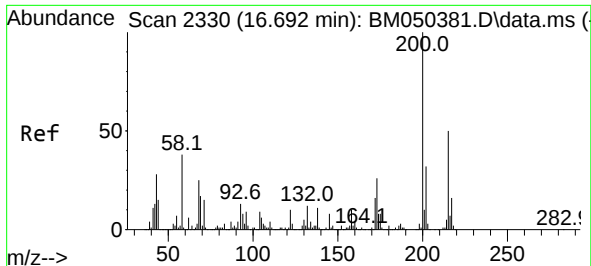
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#68
Hexachlorobenzene
Concen: 6.687 ng
RT: 16.533 min Scan# 2303
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Tgt Ion:284 Resp: 155222
Ion Ratio Lower Upper
284 100
142 35.7 26.8 40.2
249 31.1 24.5 36.7





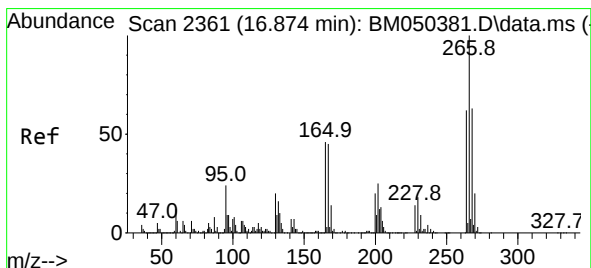
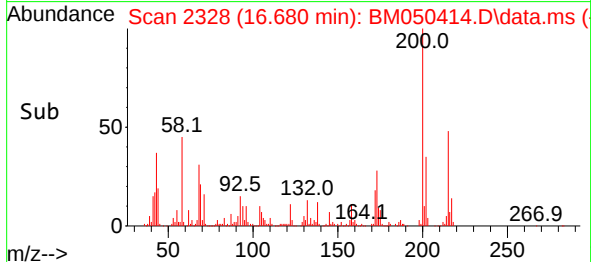
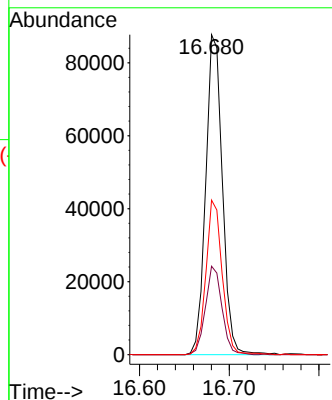
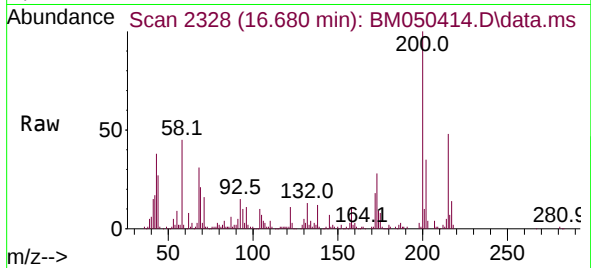
#69
 Atrazine
 Concen: 6.174 ng
 RT: 16.680 min Scan# 2328
 Delta R.T. 0.006 min
 Lab File: BM050414.D
 Acq: 11 Jul 2025 15:43

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion:200 Resp: 113162
 Ion Ratio Lower Upper
 200 100
 173 27.6 5.6 45.6
 215 48.3 29.6 69.6

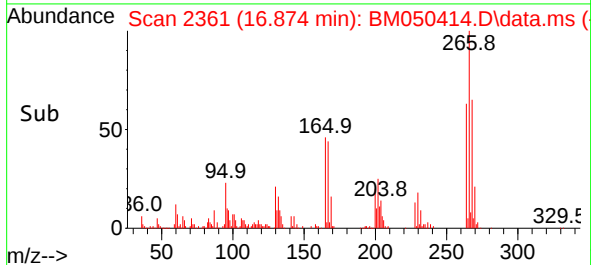
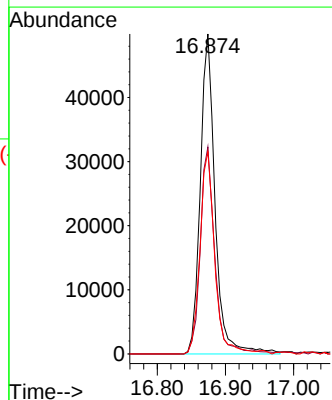
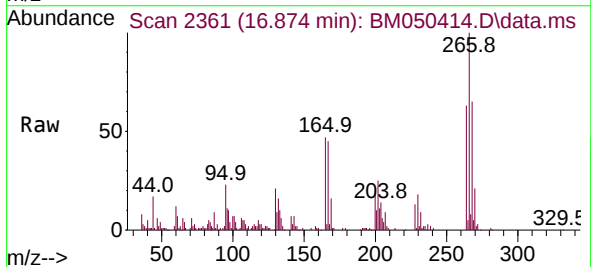
Manual Integrations
 APPROVED

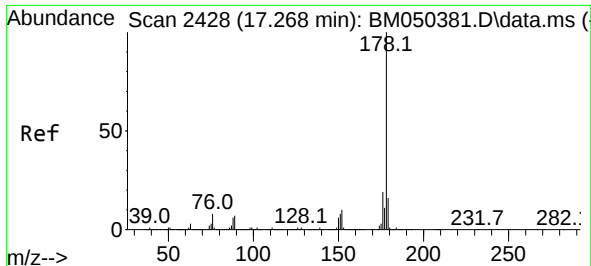
Reviewed By :Rahul Chavli 07/14/2025
 Supervised By :Jagrut Upadhyay 07/14/2025



#70
 Pentachlorophenol
 Concen: 5.207 ng
 RT: 16.874 min Scan# 2361
 Delta R.T. 0.018 min
 Lab File: BM050414.D
 Acq: 11 Jul 2025 15:43

Tgt Ion:266 Resp: 75251
 Ion Ratio Lower Upper
 266 100
 268 69.5 50.5 75.7
 264 63.2 49.9 74.9





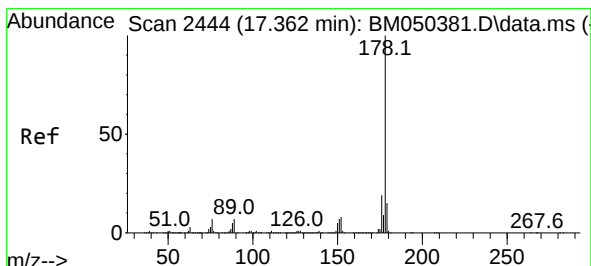
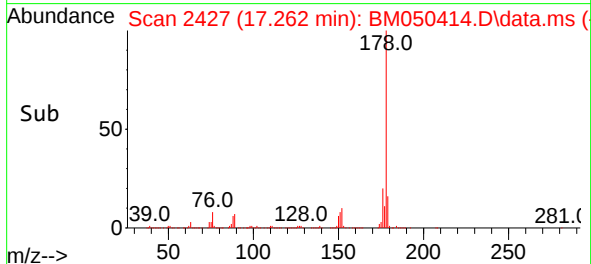
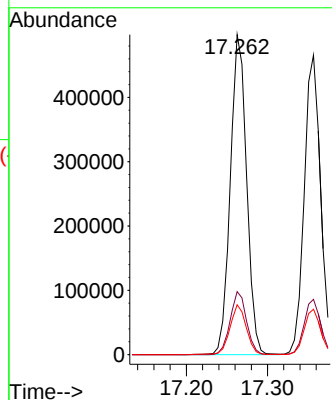
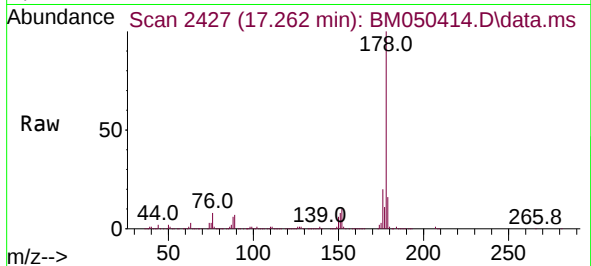
#71
Phenanthrene
Concen: 6.881 ng
RT: 17.262 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:178 Resp: 694589
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.6 12.5 18.7

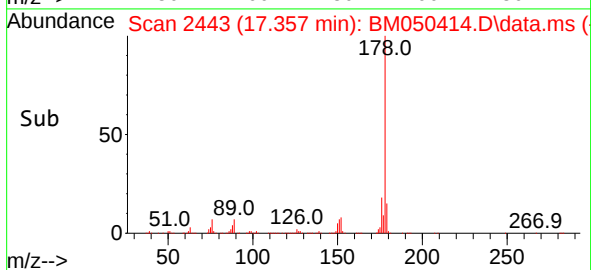
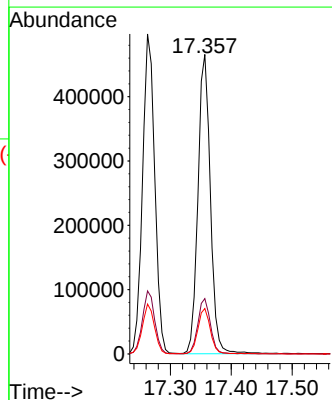
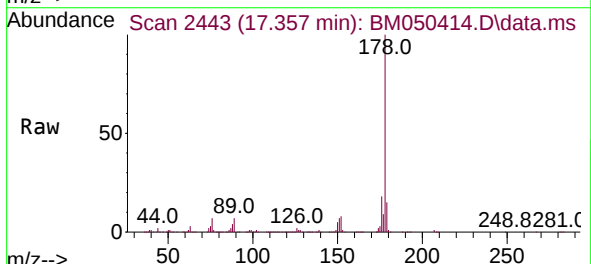
Manual Integrations
APPROVED

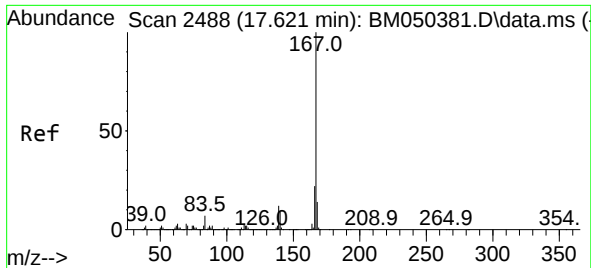
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#72
Anthracene
Concen: 6.567 ng
RT: 17.357 min Scan# 2443
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

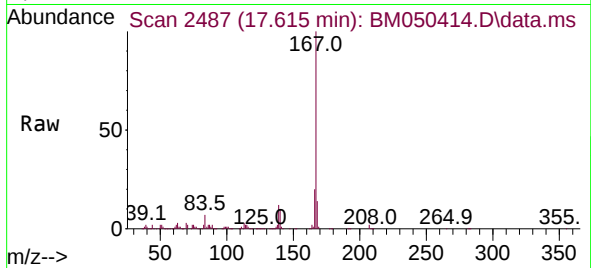
Tgt Ion:178 Resp: 659815
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.1 12.2 18.4





#73
 Carbazole
 Concen: 6.572 ng
 RT: 17.615 min Scan# 24
 Delta R.T. 0.012 min
 Lab File: BM050414.D
 Acq: 11 Jul 2025 15:43

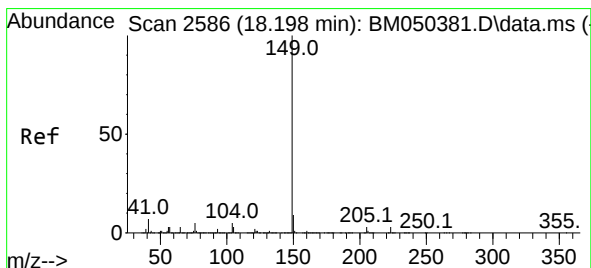
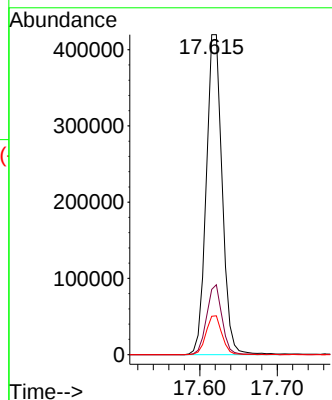
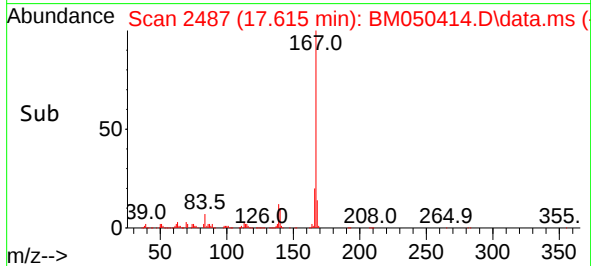
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025



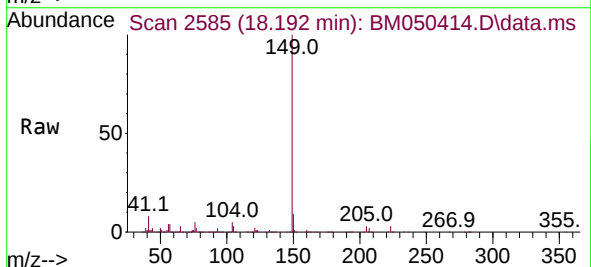
Tgt Ion:167 Resp: 597501
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.2 25.8
 139 12.0 9.9 14.9

Manual Integrations
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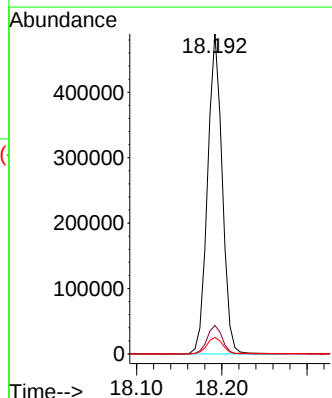
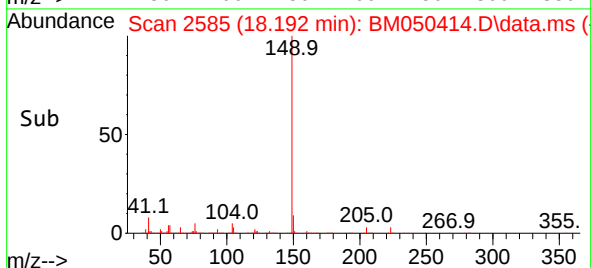
Reviewed By :Rahul Chavli 07/14/2025
 Supervised By :Jagrut Upadhyay 07/14/2025

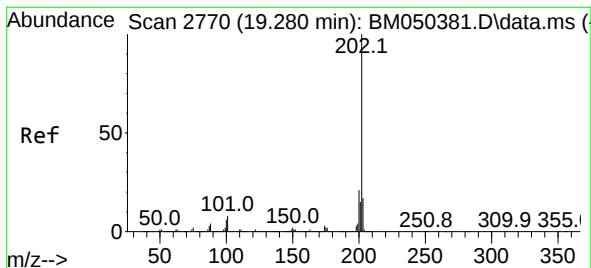


#74
 Di-n-butylphthalate
 Concen: 5.858 ng
 RT: 18.192 min Scan# 2585
 Delta R.T. 0.018 min
 Lab File: BM050414.D
 Acq: 11 Jul 2025 15:43



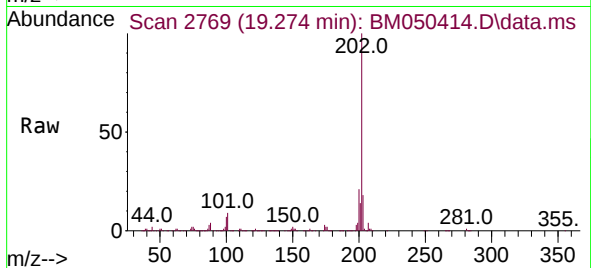
Tgt Ion:149 Resp: 582920
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 6.232 ng
RT: 19.274 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

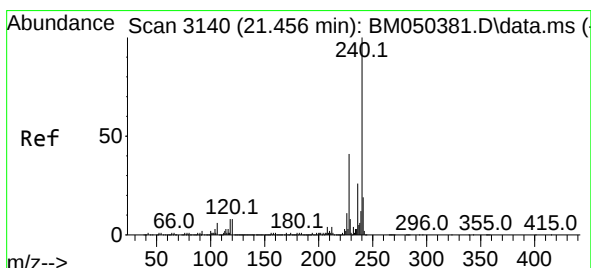
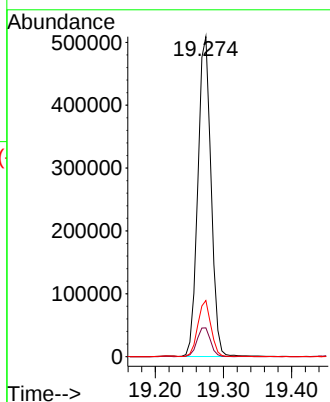
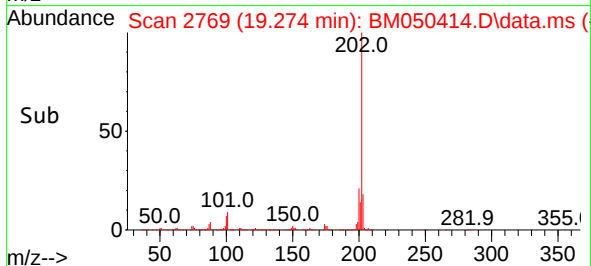
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:202 Resp: 683902
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.3
203 17.5 0.0 37.2

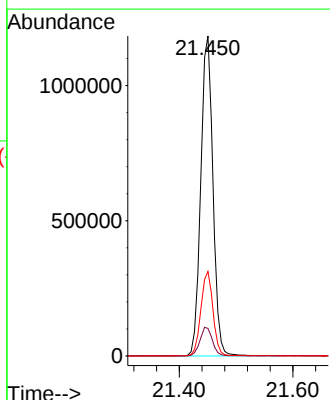
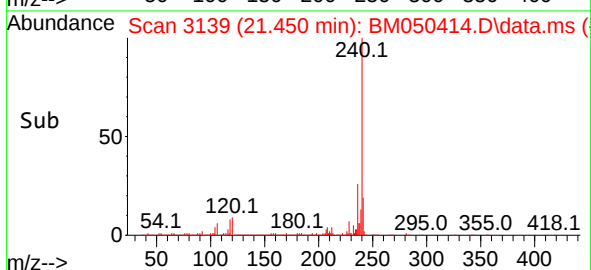
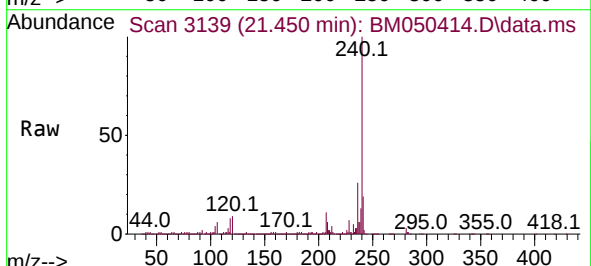
Manual Integrations
APPROVED

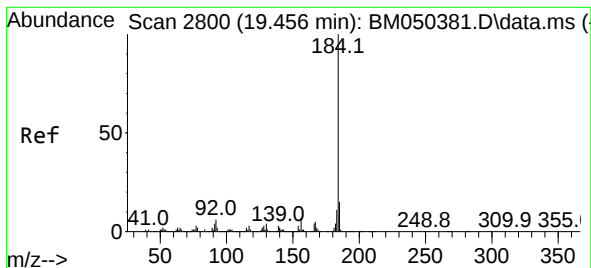
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. 0.018 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

Tgt Ion:240 Resp: 1760299
Ion Ratio Lower Upper
240 100
120 8.6 6.7 10.1
236 26.4 20.7 31.1





#77

Benzidine

Concen: 5.672 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

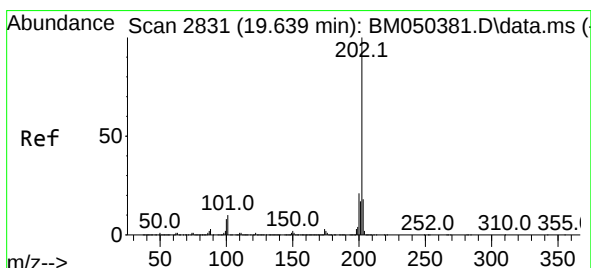
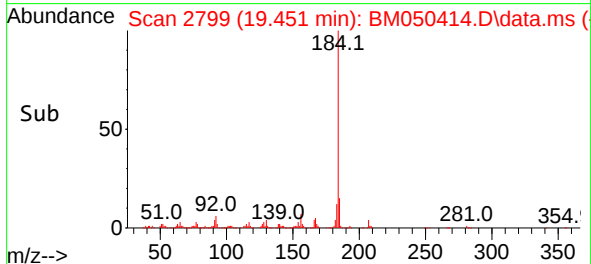
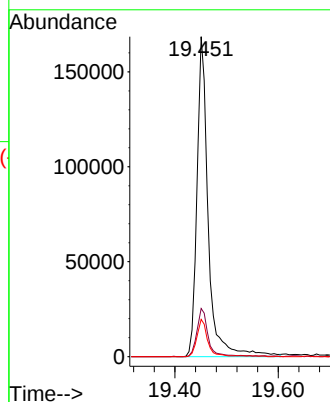
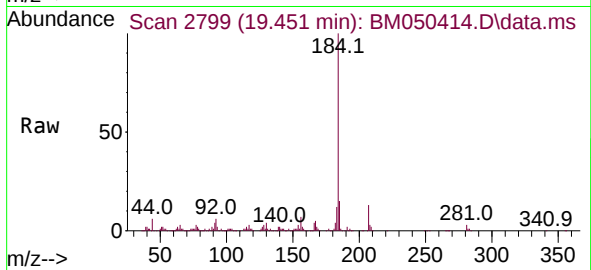
Tgt Ion:184 Resp: 254652
 Ion Ratio Lower Upper
 184 100
 185 15.0 11.7 17.5
 183 11.6 9.0 13.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#78

Pyrene

Concen: 6.524 ng

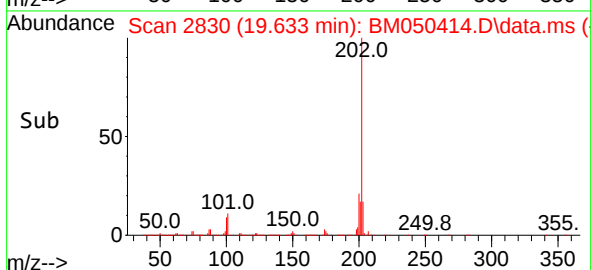
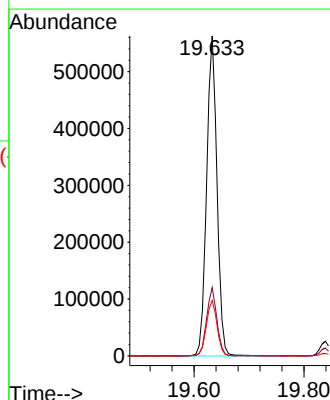
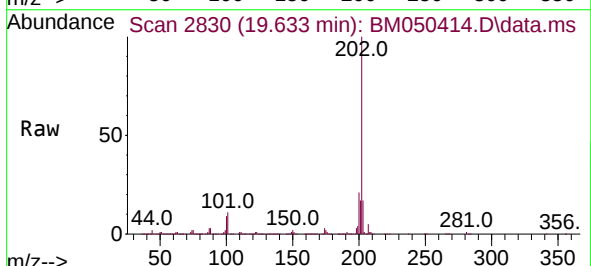
RT: 19.633 min Scan# 2830

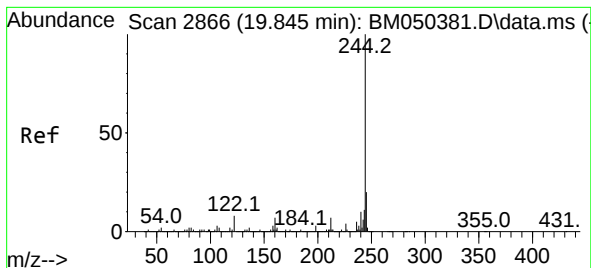
Delta R.T. 0.018 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

Tgt Ion:202 Resp: 735495
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.9 25.3
 203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 92.491 ng

RT: 19.839 min Scan# 2866

Delta R.T. 0.018 min

Lab File: BM050414.D

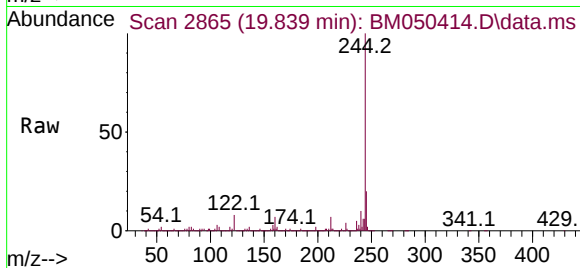
Acq: 11 Jul 2025 15:43

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:244 Resp: 9253520

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

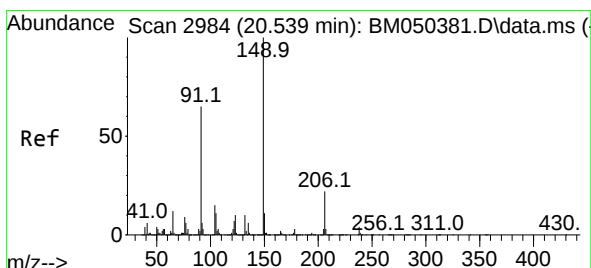
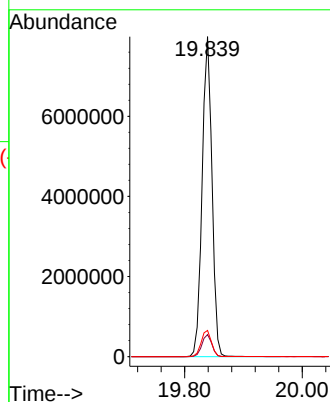
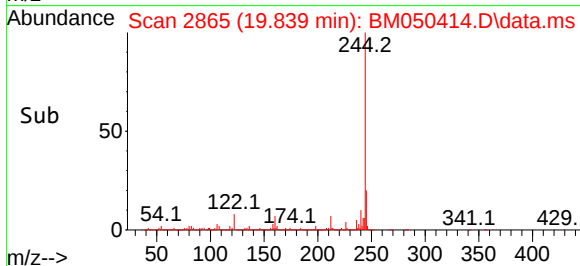
122 8.2 6.2 9.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#80

Butylbenzylphthalate

Concen: 5.668 ng

RT: 20.533 min Scan# 2983

Delta R.T. 0.018 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

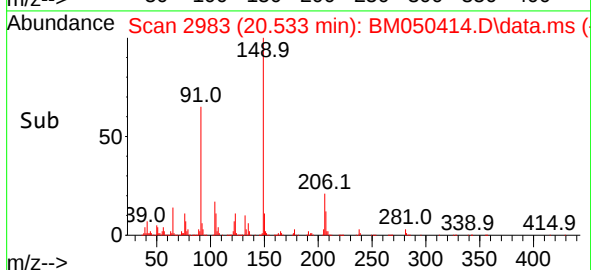
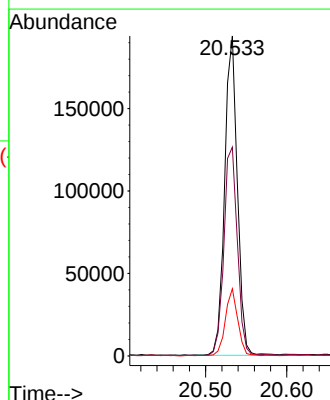
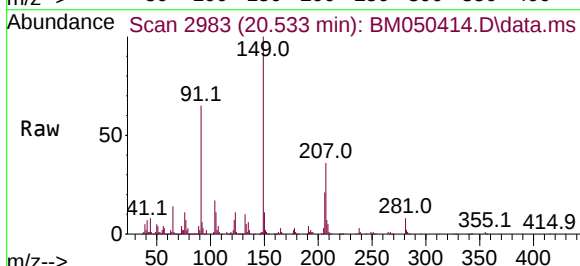
Tgt Ion:149 Resp: 210700

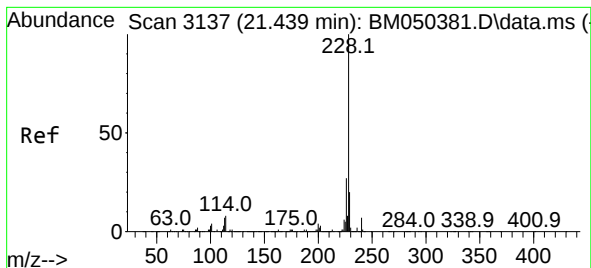
Ion Ratio Lower Upper

149 100

91 65.2 51.6 77.4

206 21.0 17.8 26.8





#81

Benzo(a)anthracene

Concen: 6.730 ng

RT: 21.433 min Scan# 3137

Delta R.T. 0.018 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

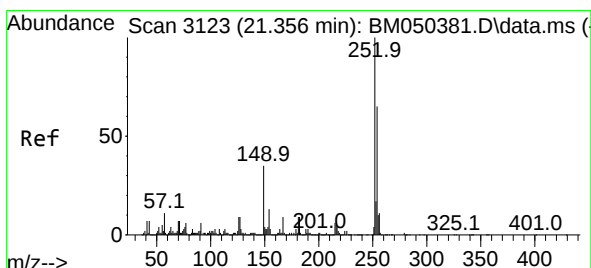
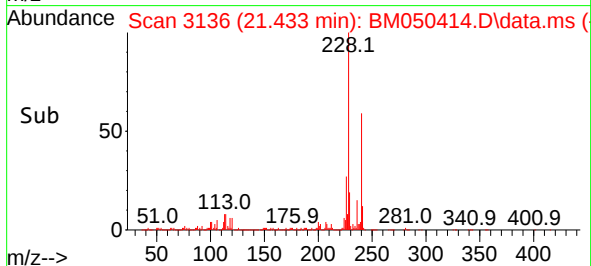
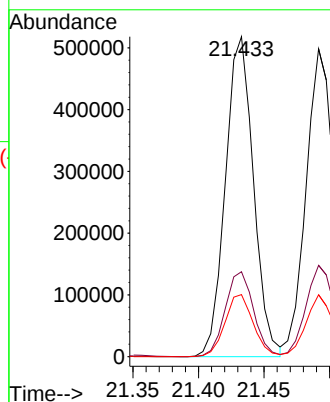
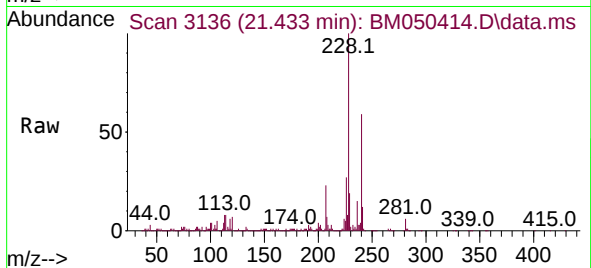
Tgt Ion:228 Resp: 771937
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.8 32.8
 229 19.4 16.0 24.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/14/2025



#82

3,3'-Dichlorobenzidine

Concen: 5.442 ng

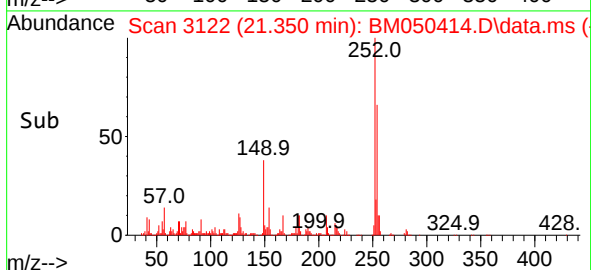
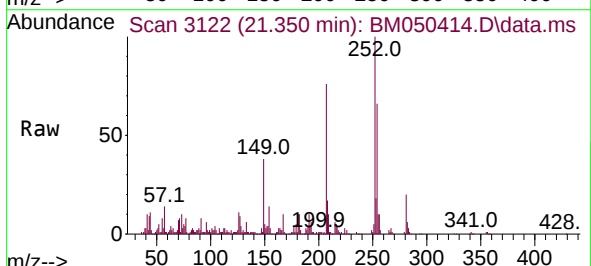
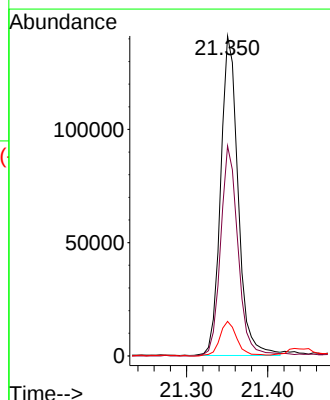
RT: 21.350 min Scan# 3122

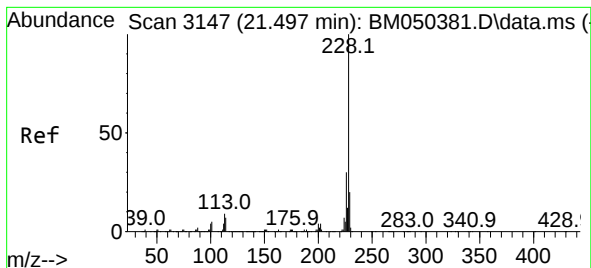
Delta R.T. 0.018 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

Tgt Ion:252 Resp: 210505
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.7 77.5
 126 10.8 7.3 10.9





#83

Chrysene

Concen: 6.850 ng

RT: 21.492 min Scan# 3147

Delta R.T. 0.012 min

Lab File: BM050414.D

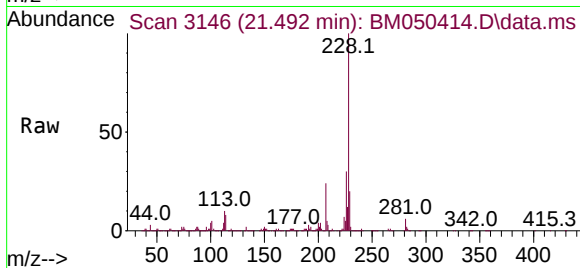
Acq: 11 Jul 2025 15:43

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:228 Resp: 741106

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.4

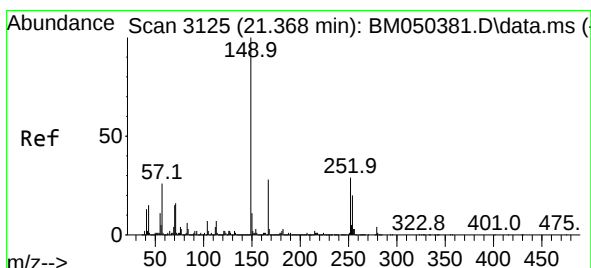
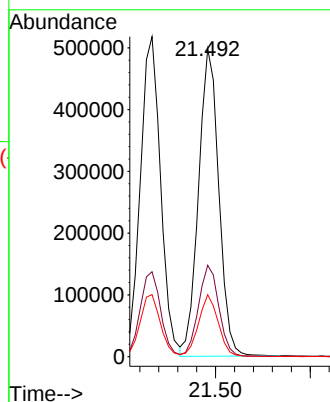
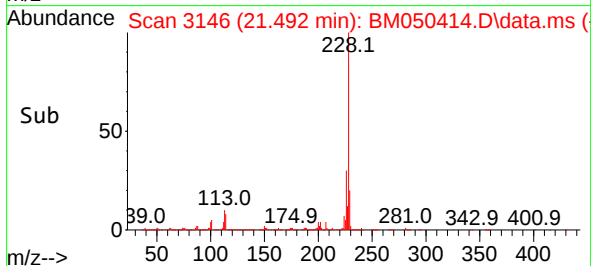
229 20.1 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.738 ng

RT: 21.362 min Scan# 3124

Delta R.T. 0.024 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

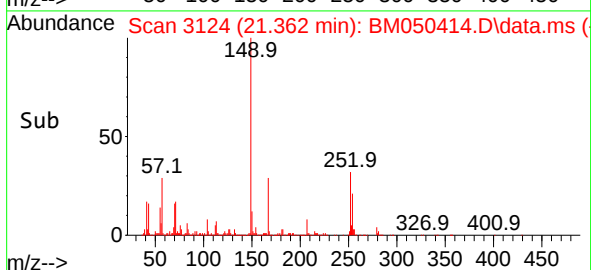
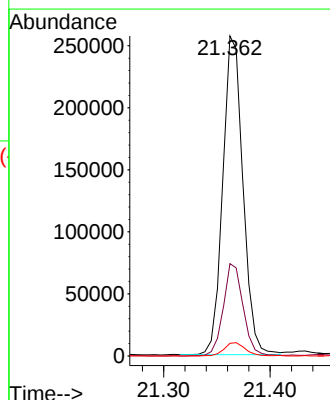
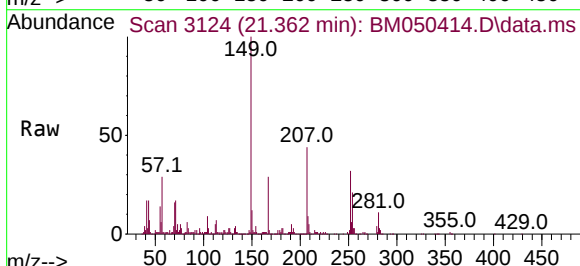
Tgt Ion:149 Resp: 338604

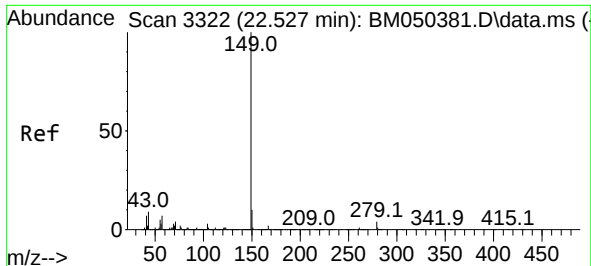
Ion Ratio Lower Upper

149 100

167 28.9 22.7 34.1

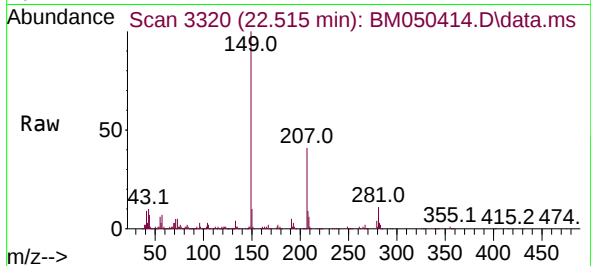
279 3.9 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 4.868 ng
RT: 22.515 min Scan# 3322
Delta R.T. 0.030 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43

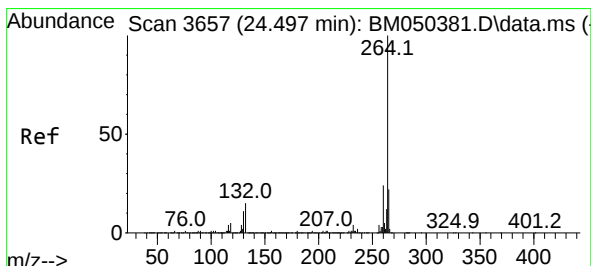
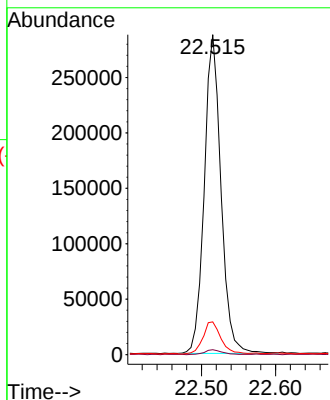
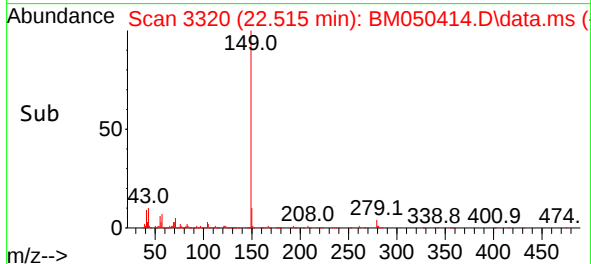
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



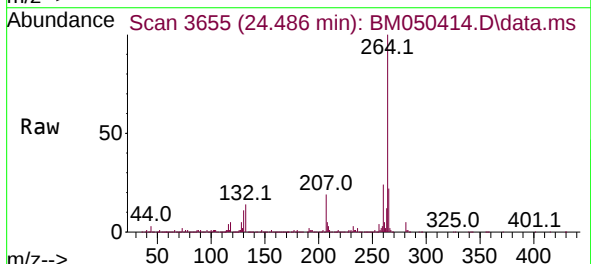
Tgt Ion:149 Resp: 449908
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 7.7 11.5

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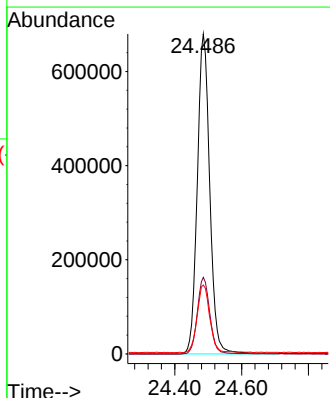
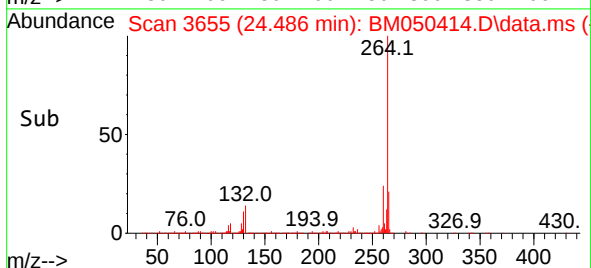
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

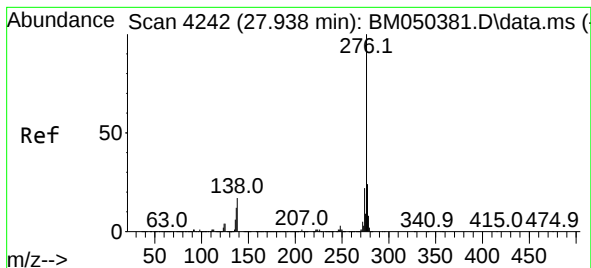


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.486 min Scan# 3655
Delta R.T. 0.030 min
Lab File: BM050414.D
Acq: 11 Jul 2025 15:43



Tgt Ion:264 Resp: 1753906
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.5 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.315 ng

RT: 27.909 min Scan# 41

Delta R.T. 0.030 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:276 Resp: 787479

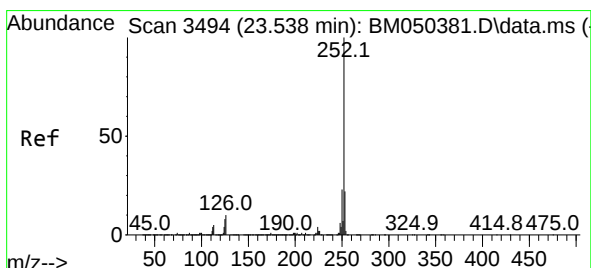
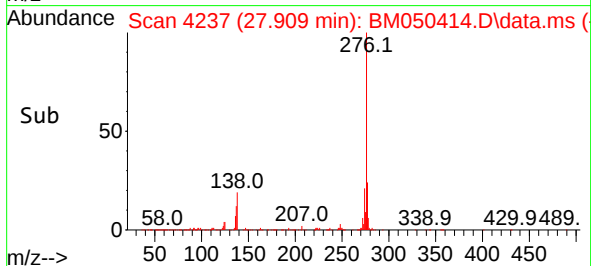
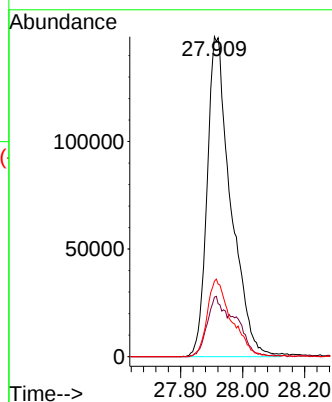
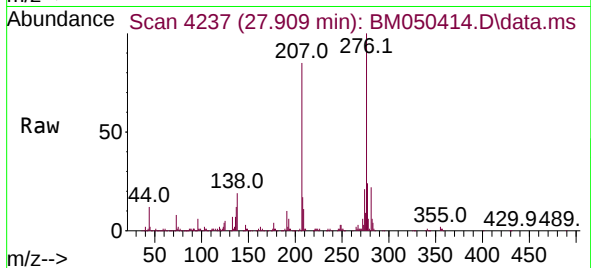
Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.0	25.6
277	24.7	20.0	30.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#88

Benzo(b)fluoranthene

Concen: 6.339 ng

RT: 23.527 min Scan# 3492

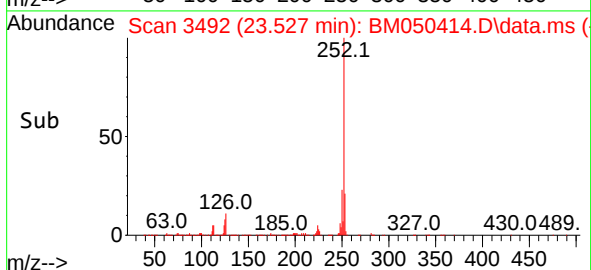
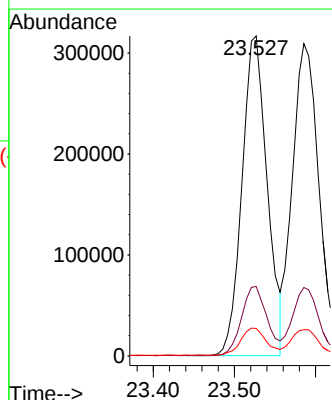
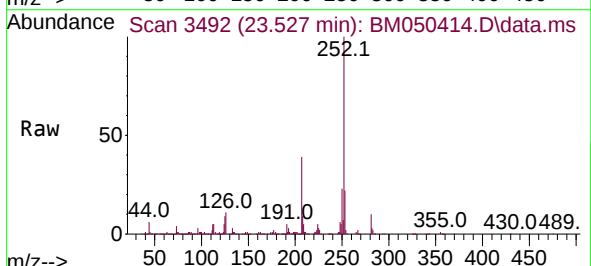
Delta R.T. 0.024 min

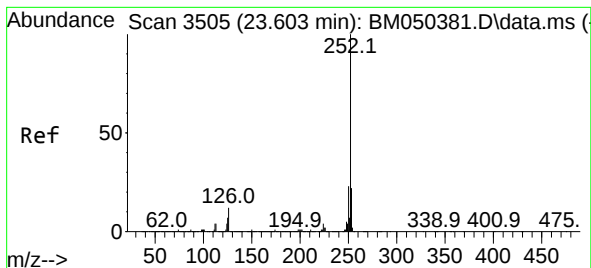
Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

Tgt Ion:252 Resp: 683871

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	8.6	6.3	9.5





#89

Benzo(k)fluoranthene

Concen: 6.265 ng

RT: 23.586 min Scan# 3505

Delta R.T. 0.018 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

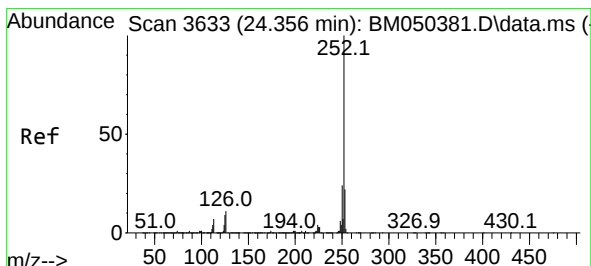
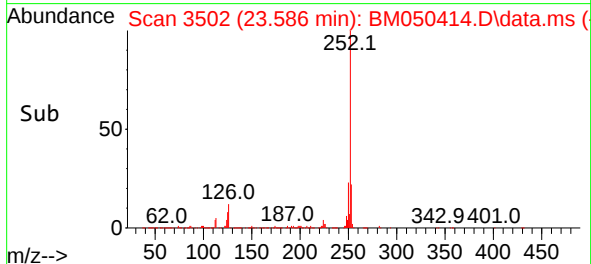
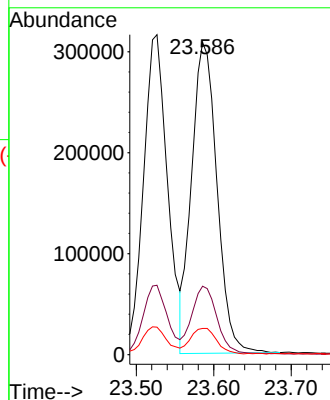
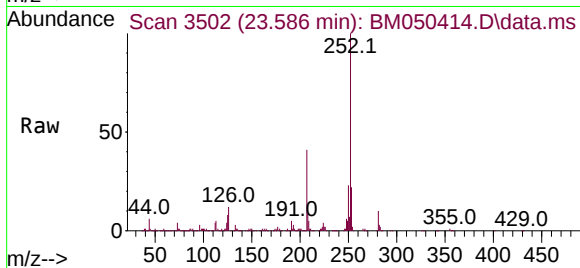
Tgt Ion:252 Resp: 701284
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 8.4 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#90

Benzo(a)pyrene

Concen: 6.079 ng

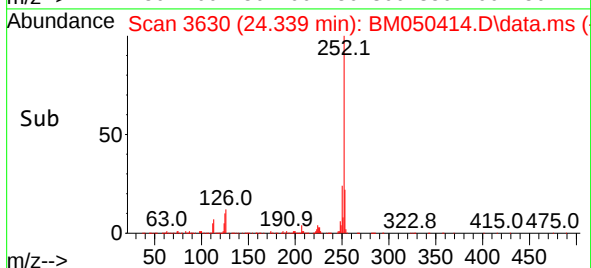
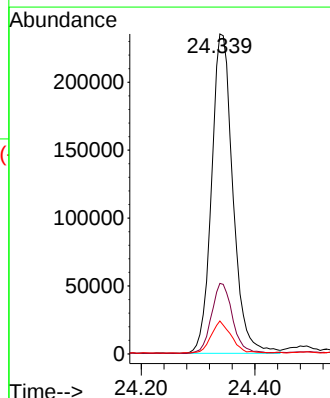
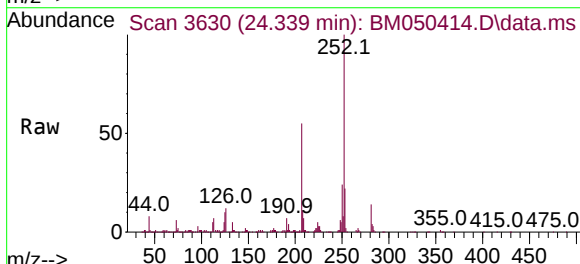
RT: 24.339 min Scan# 3630

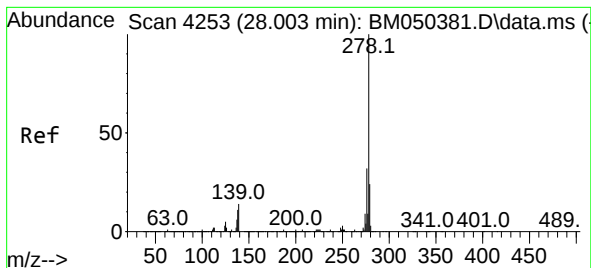
Delta R.T. 0.024 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

Tgt Ion:252 Resp: 613900
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.6
 125 10.3 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 6.329 ng

RT: 27.979 min Scan# 4419

Delta R.T. 0.035 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

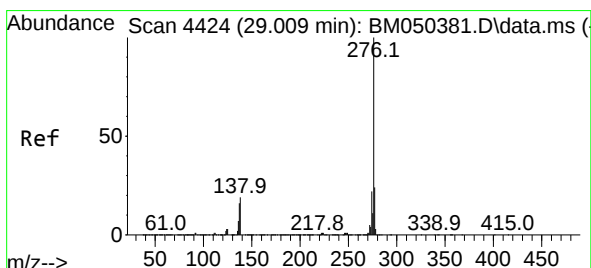
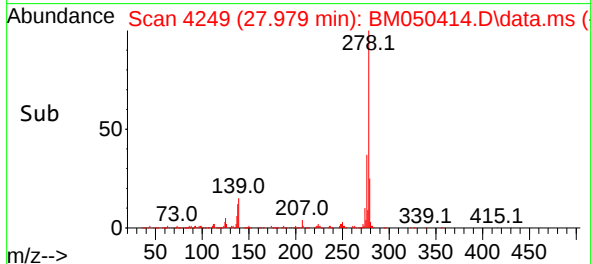
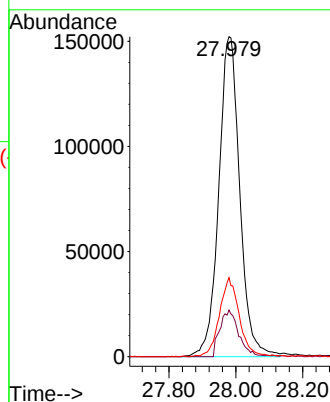
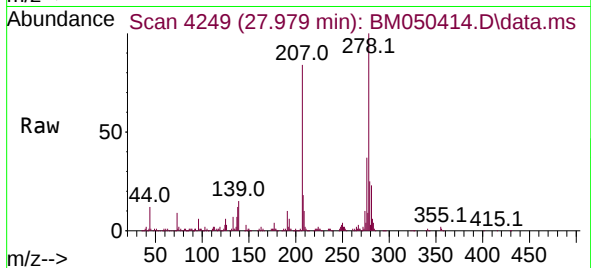
Tgt Ion:278	Resp: 664669
Ion Ratio	Lower Upper
278 100	
139 14.5	10.8 16.2
279 24.7	19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#92

Benzo(g,h,i)perylene

Concen: 6.430 ng

RT: 28.979 min Scan# 4419

Delta R.T. 0.035 min

Lab File: BM050414.D

Acq: 11 Jul 2025 15:43

Tgt Ion:276	Resp: 638246
Ion Ratio	Lower Upper
276 100	
277 22.4	19.1 28.7
138 20.2	14.9 22.3

