

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
 Data File : BM050413.D
 Acq On : 11 Jul 2025 15:03
 Operator : RC/JU
 Sample : Q2126-07
 Misc : LOD-MDL-WATER-4 PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 18 01:32:50 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	408506	20.000	ng	0.01
21) Naphthalene-d8	10.657	136	1455661	20.000	ng	0.02
39) Acenaphthene-d10	14.492	164	894205	20.000	ng	0.02
64) Phenanthrene-d10	17.221	188	1682048	20.000	ng	0.01
76) Chrysene-d12	21.450	240	1647315	20.000	ng	0.02
86) Perylene-d12	24.486	264	1640756	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2944135	124.057	ng	0.00
7) Phenol-d6	7.022	99	3702789	123.769	ng	0.01
23) Nitrobenzene-d5	9.016	82	2350757	82.389	ng	0.01
42) 2,4,6-Tribromophenol	15.969	330	1421175	130.807	ng	0.01
45) 2-Fluorobiphenyl	13.116	172	5961000	82.324	ng	0.01
79) Terphenyl-d14	19.839	244	9410930	100.516	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	38906	3.987	ng	97
3) Pyridine	3.740	79	94396	3.684	ng	98
4) n-Nitrosodimethylamine	3.646	42	43355	3.630	ng	# 87
6) Aniline	7.187	93	135925	3.540	ng	99
8) 2-Chlorophenol	7.428	128	97474	3.895	ng	98
9) Benzaldehyde	6.998	77	85662	4.813	ng	97
10) Phenol	7.046	94	119088	3.816	ng	93
11) bis(2-Chloroethyl)ether	7.281	93	93087	3.725	ng	99
12) 1,3-Dichlorobenzene	7.751	146	115219	3.787	ng	95
13) 1,4-Dichlorobenzene	7.898	146	116401	3.746	ng	98
14) 1,2-Dichlorobenzene	8.216	146	109137	3.669	ng	99
15) Benzyl Alcohol	8.093	79	70719	3.355	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.393	45	137645	3.739	ng	99
17) 2-Methylphenol	8.298	107	67287	3.325	ng	98
18) Hexachloroethane	8.945	117	38401	3.514	ng	96
19) n-Nitroso-di-n-propyla...	8.663	70	58463	3.226	ng	94
20) 3+4-Methylphenols	8.622	107	85990	3.165	ng	96
22) Acetophenone	8.681	105	131997	3.627	ng	# 98
24) Nitrobenzene	9.057	77	106633	4.188	ng	99
25) Isophorone	9.587	82	151749	3.278	ng	97
26) 2-Nitrophenol	9.769	139	28570	2.753	ng	89
27) 2,4-Dimethylphenol	9.828	122	75529	3.421	ng	98
28) bis(2-Chloroethoxy)met...	10.063	93	109012	3.553	ng	97
29) 2,4-Dichlorophenol	10.304	162	71838	3.167	ng	98
30) 1,2,4-Trichlorobenzene	10.522	180	100271	3.695	ng	98
31) Naphthalene	10.710	128	279396	3.779	ng	99
32) Benzoic acid	9.869	122	17703	7.118	ng	94
33) 4-Chloroaniline	10.810	127	103494	3.311	ng	98
34) Hexachlorobutadiene	11.004	225	60748	3.668	ng	99
35) Caprolactam	11.557	113	15264	2.465	ng	# 90
36) 4-Chloro-3-methylphenol	11.928	107	63815	3.012	ng	98
37) 2-Methylnaphthalene	12.316	142	159738	3.422	ng	97
38) 1-Methylnaphthalene	12.533	142	170741	3.456	ng	98
40) 1,2,4,5-Tetrachloroben...	12.686	216	101647	3.575	ng	99
41) Hexachlorocyclopentadiene	12.675	237	49166	2.705	ng	97
43) 2,4,6-Trichlorophenol	12.922	196	51860	2.963	ng	95

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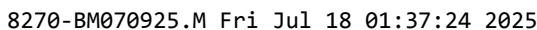
Reviewed By :Rahul Chavli 07/14/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	58313	3.050	ng	97
46) 1,1'-Biphenyl	13.327	154	252551	3.807	ng	99
47) 2-Chloronaphthalene	13.363	162	200667	3.794	ng	96
48) 2-Nitroaniline	13.557	65	32077	2.717	ng	91
49) Acenaphthylene	14.210	152	273727	3.424	ng	98
50) Dimethylphthalate	13.945	163	222121	3.608	ng	99
51) 2,6-Dinitrotoluene	14.051	165	31336	2.651	ng	# 78
52) Acenaphthene	14.551	154	181719	3.575	ng	98
53) 3-Nitroaniline	14.380	138	31868	2.535	ng	# 85
54) 2,4-Dinitrophenol	14.586	184	8696	7.633	ng	# 88
55) Dibenzofuran	14.886	168	290166	3.705	ng	99
56) 4-Nitrophenol	14.680	139	20710	1.916	ng	95
57) 2,4-Dinitrotoluene	14.839	165	36672	4.679	ng	# 89
58) Fluorene	15.533	166	221809	3.439	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.110	232	49909	3.101	ng	98
60) Diethylphthalate	15.304	149	198961	3.383	ng	98
61) 4-Chlorophenyl-phenyle...	15.527	204	112641	3.340	ng	95
62) 4-Nitroaniline	15.533	138	28061	4.424	ng	80
63) Azobenzene	15.821	77	171838	3.182	ng	95
65) 4,6-Dinitro-2-methylph...	15.598	198	14335	7.680	ng	90
66) n-Nitrosodiphenylamine	15.739	169	176219	3.348	ng	96
67) 4-Bromophenyl-phenylether	16.421	248	64633	3.488	ng	97
68) Hexachlorobenzene	16.533	284	79210	3.619	ng	96
69) Atrazine	16.686	200	52406	3.032	ng	94
70) Pentachlorophenol	16.874	266	34507	2.533	ng	99
71) Phenanthrene	17.263	178	351507	3.693	ng	99
72) Anthracene	17.357	178	311840	3.291	ng	99
73) Carbazole	17.615	167	279604	3.262	ng	100
74) Di-n-butylphthalate	18.192	149	267950	2.856	ng	99
75) Fluoranthene	19.274	202	326361	3.154	ng	99
77) Benzidine	19.451	184	93637	2.229	ng	97
78) Pyrene	19.633	202	351640	3.333	ng	97
80) Butylbenzylphthalate	20.533	149	90513	2.602	ng	97
81) Benzo(a)anthracene	21.433	228	370876	3.455	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	91572	2.530	ng	97
83) Chrysene	21.492	228	365061	3.606	ng	98
84) Bis(2-ethylhexyl)phtha...	21.362	149	143552	2.599	ng	99
85) Di-n-octyl phthalate	22.515	149	175482	2.029	ng	# 95
87) Indeno(1,2,3-cd)pyrene	27.921	276	370631	3.177	ng	# 93
88) Benzo(b)fluoranthene	23.521	252	329855m	3.268	ng	
89) Benzo(k)fluoranthene	23.586	252	329080	3.142	ng	98
90) Benzo(a)pyrene	24.339	252	281318	2.978	ng	99
91) Dibenzo(a,h)anthracene	27.979	278	314063	3.197	ng	97
92) Benzo(g,h,i)perylene	28.974	276	303580	3.269	ng	98

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

Manual Integrations

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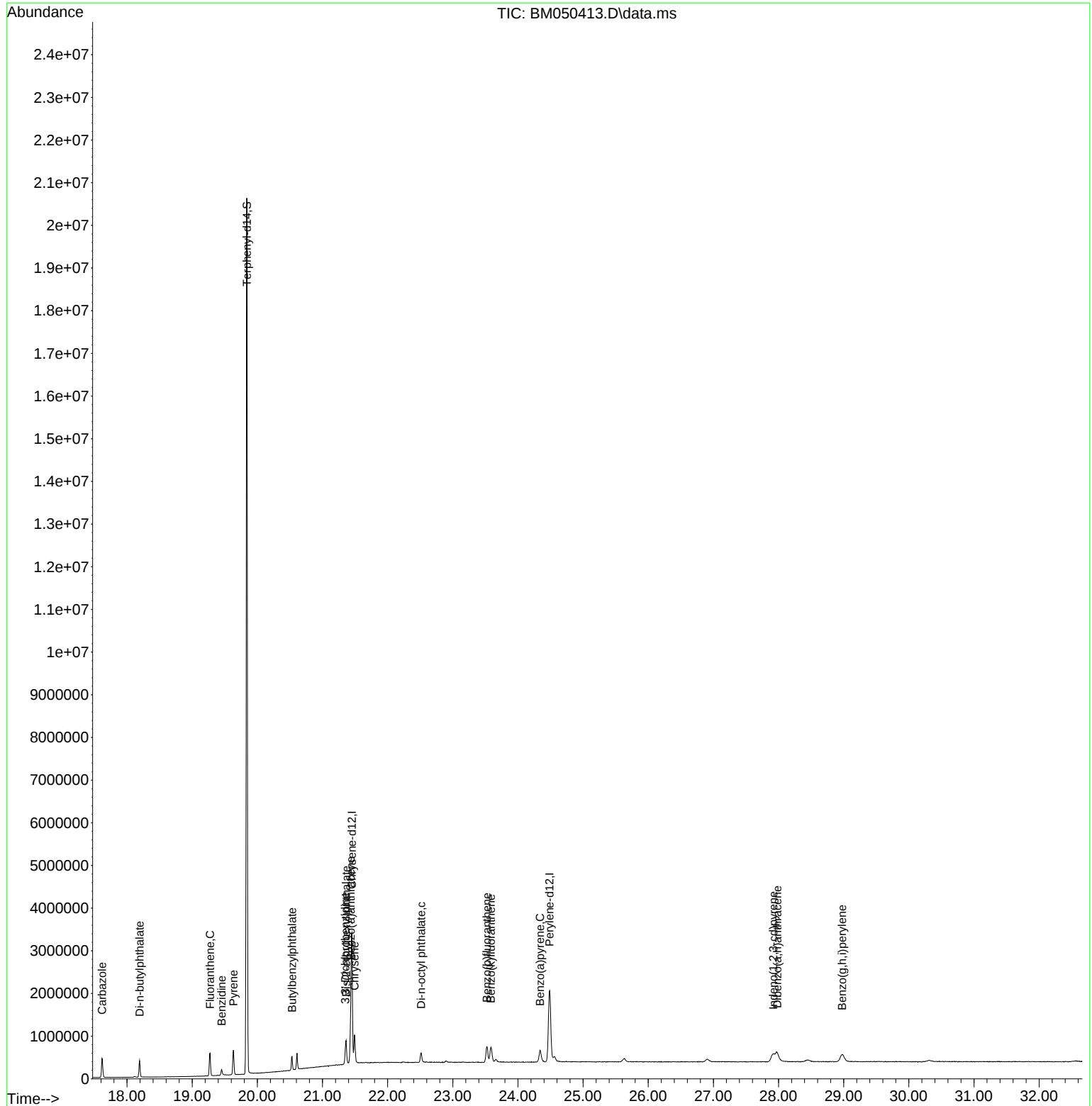
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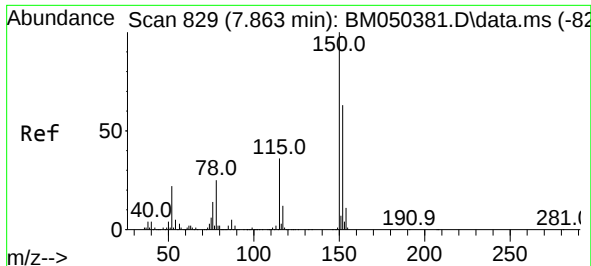
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 18 01:32:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
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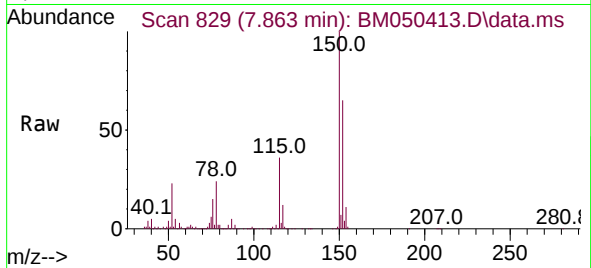
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 829
 Delta R.T. 0.012 min
 Lab File: BM050413.D
 Acq: 11 Jul 2025 15:03

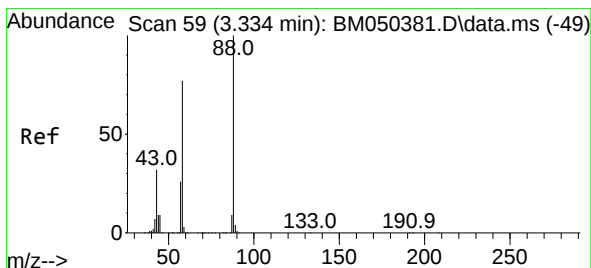
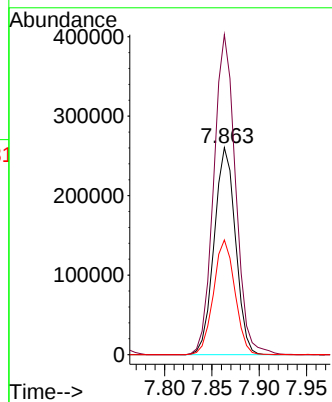
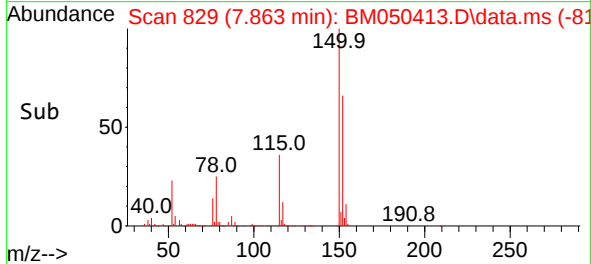
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025



Tgt Ion:152 Resp: 408506
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.2 189.4
 115 55.4 45.8 68.8

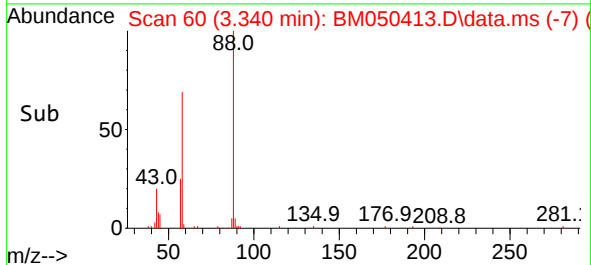
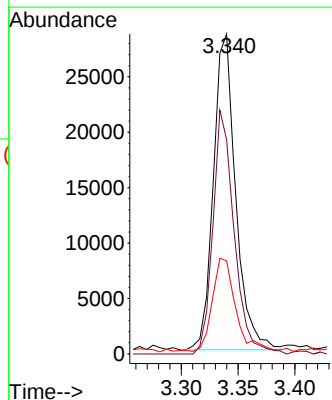
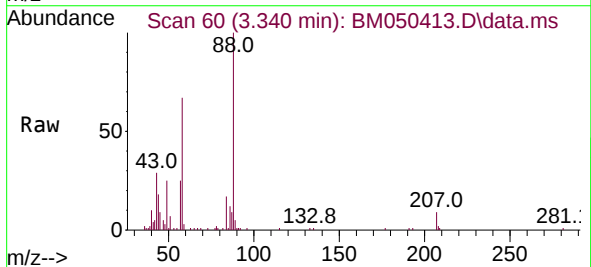
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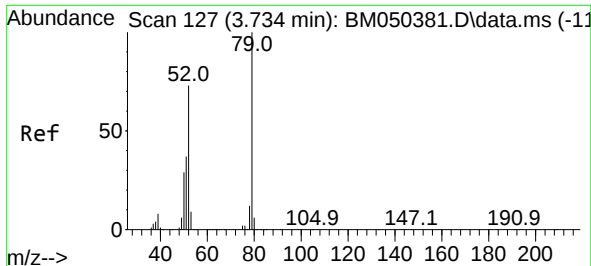
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 Supervised By :Jagrut Upadhyay 07/14/2025



#2
 1,4-Dioxane
 Concen: 3.987 ng
 RT: 3.340 min Scan# 60
 Delta R.T. 0.012 min
 Lab File: BM050413.D
 Acq: 11 Jul 2025 15:03

Tgt Ion: 88 Resp: 38906
 Ion Ratio Lower Upper
 88 100
 58 73.2 61.0 91.6
 43 30.0 24.6 37.0





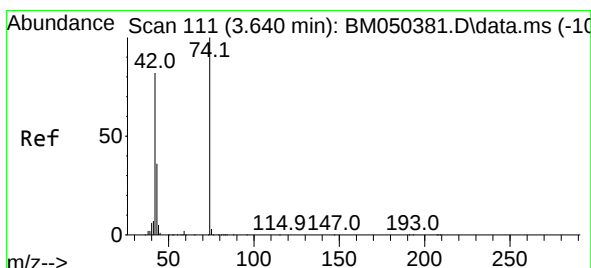
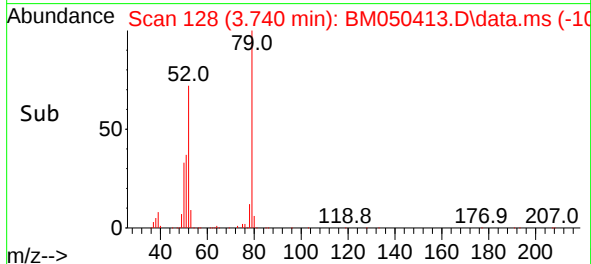
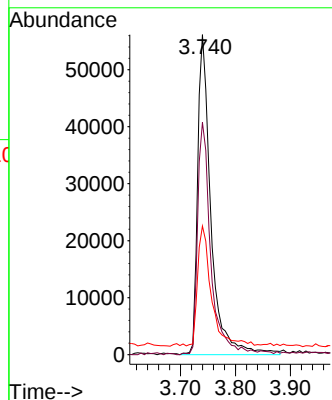
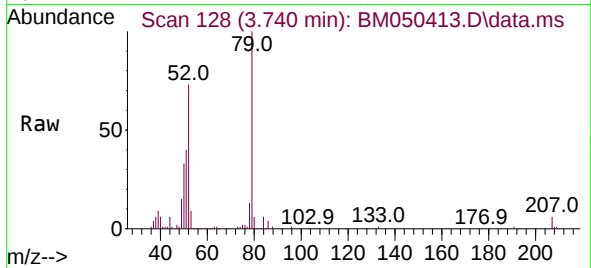
#3
Pyridine
Concen: 3.684 ng
RT: 3.740 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

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

Tgt Ion: 79 Resp: 94396
Ion Ratio Lower Upper
79 100
52 72.6 58.3 87.5
51 40.2 29.6 44.4

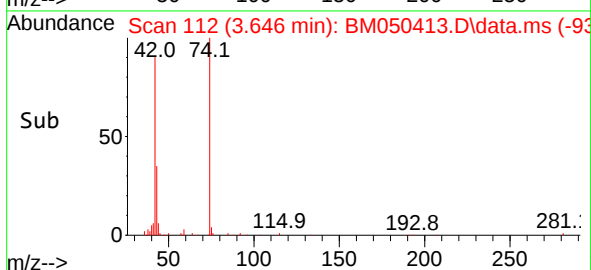
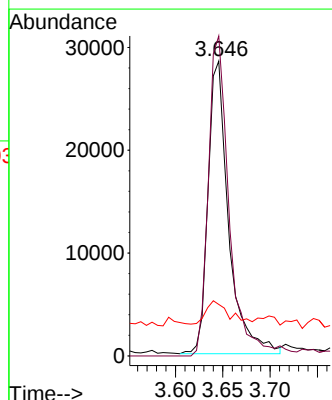
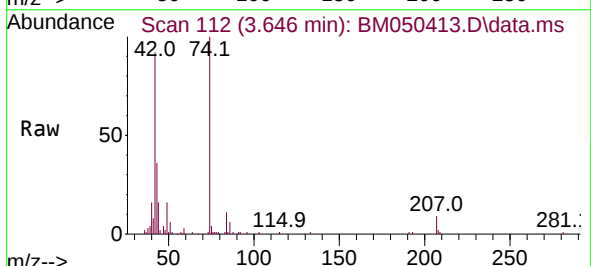
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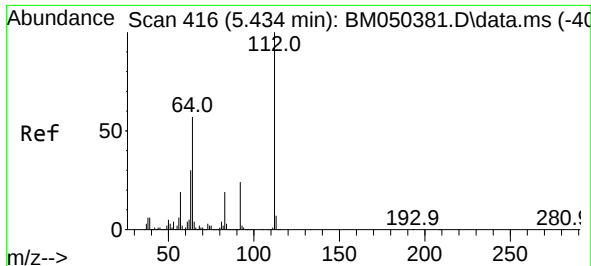
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#4
n-Nitrosodimethylamine
Concen: 3.630 ng
RT: 3.646 min Scan# 112
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

Tgt Ion: 42 Resp: 43355
Ion Ratio Lower Upper
42 100
74 108.5 97.5 146.3
44 17.4 5.7 8.5#





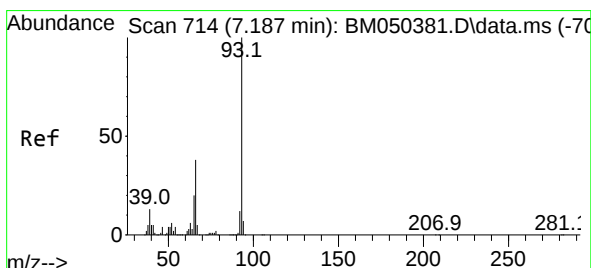
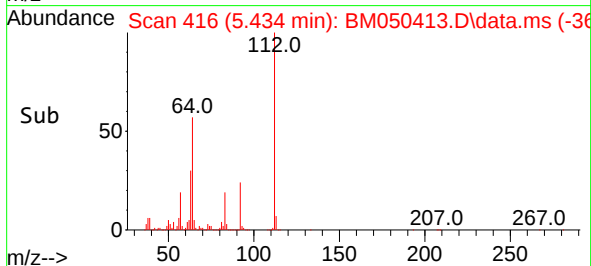
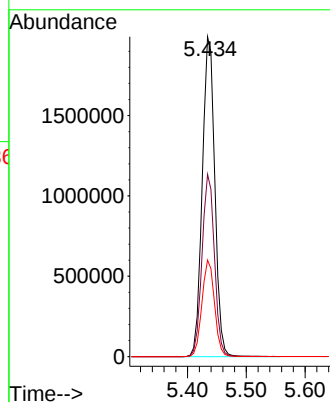
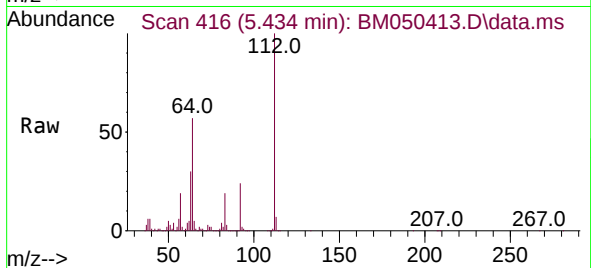
#5
2-Fluorophenol
Concen: 124.057 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.006 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

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

Tgt Ion:112 Resp: 2944135
Ion Ratio Lower Upper
112 100
64 57.0 45.5 68.3
63 30.2 24.2 36.4

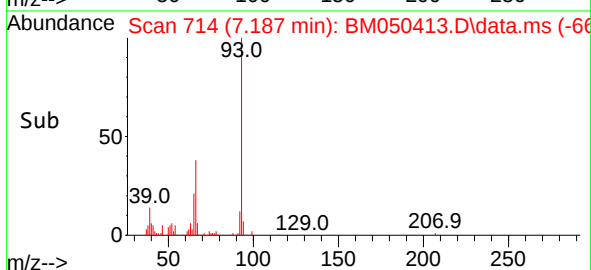
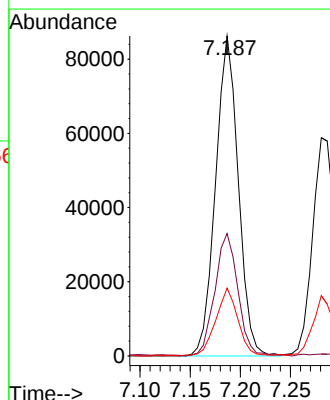
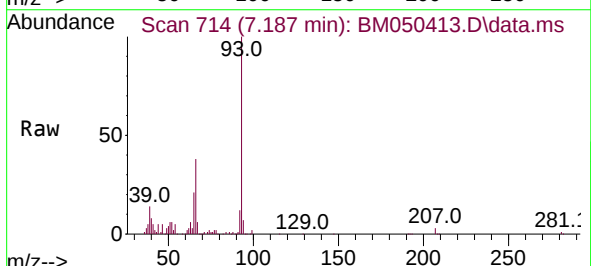
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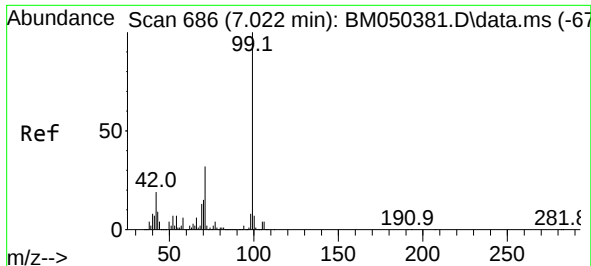
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#6
Aniline
Concen: 3.540 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

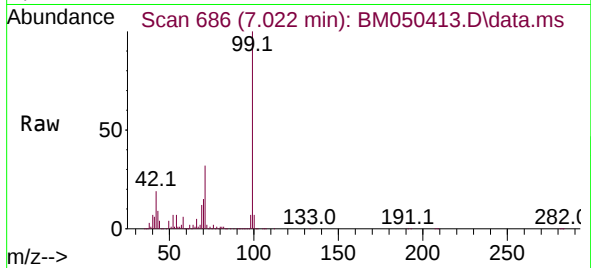
Tgt Ion: 93 Resp: 135925
Ion Ratio Lower Upper
93 100
66 38.2 30.5 45.7
65 21.2 15.9 23.9





#7
Phenol-d6
Concen: 123.769 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

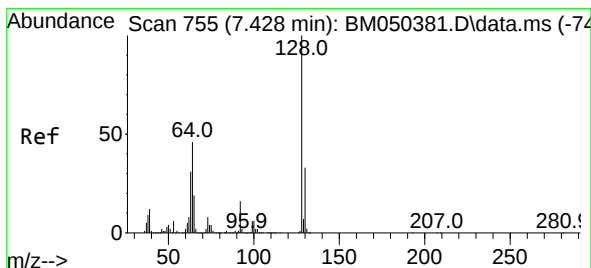
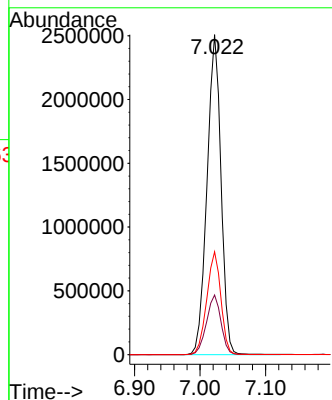
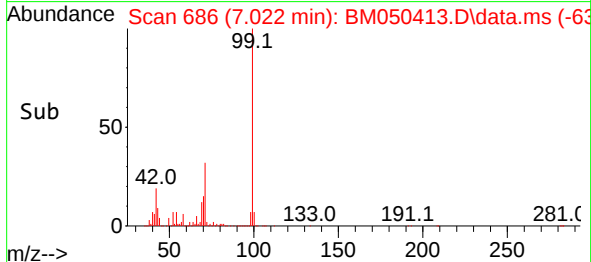
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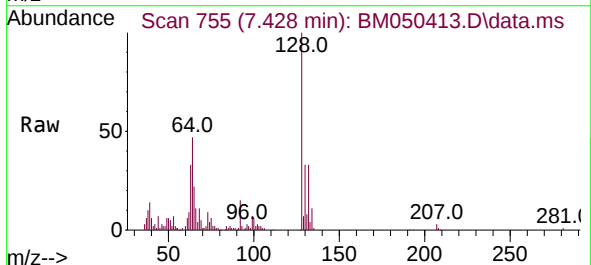
Tgt Ion: 99 Resp: 3702789
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.6
71 32.1 25.9 38.9

Manual Integrations
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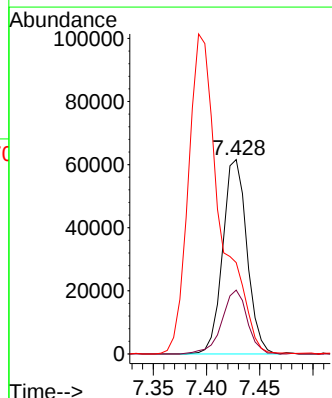
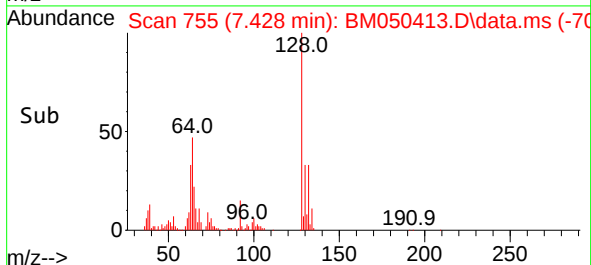
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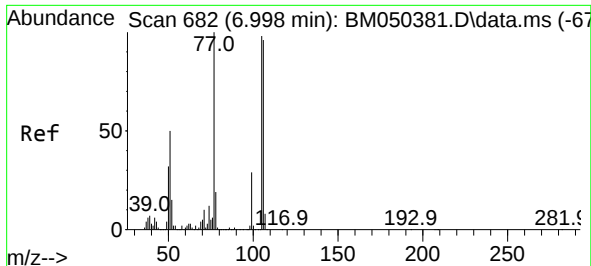


#8
2-Chlorophenol
Concen: 3.895 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.012 min
Lab File: BM050413.D
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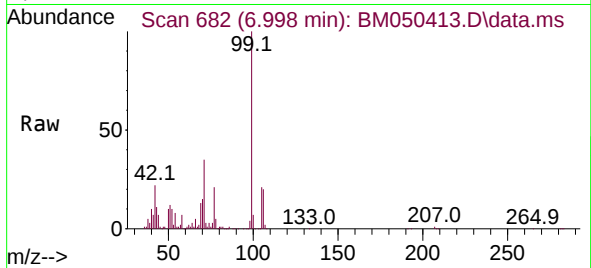
Tgt Ion:128 Resp: 97474
Ion Ratio Lower Upper
128 100
130 32.9 13.3 53.3
64 47.0 25.6 65.6





#9
Benzaldehyde
Concen: 4.813 ng
RT: 6.998 min Scan# 682
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

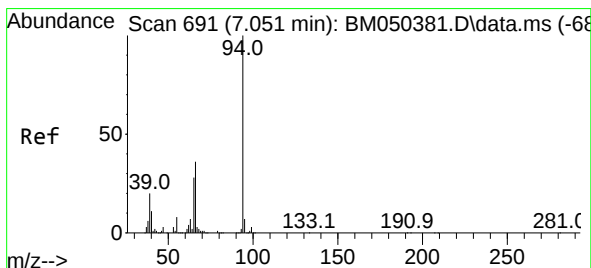
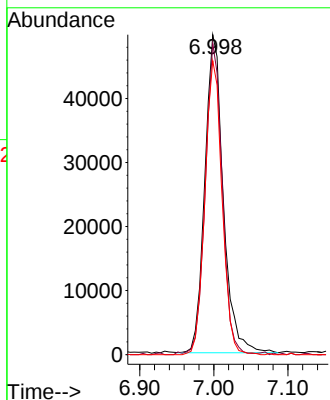
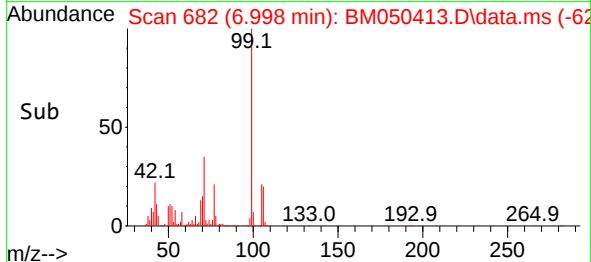
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



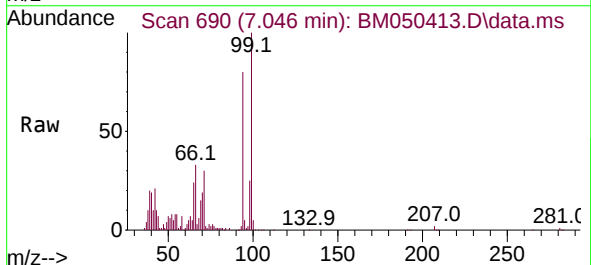
Tgt Ion: 77 Resp: 85662
Ion Ratio Lower Upper
77 100
105 97.2 78.4 118.4
106 91.8 76.3 116.3

Manual Integrations
APPROVED

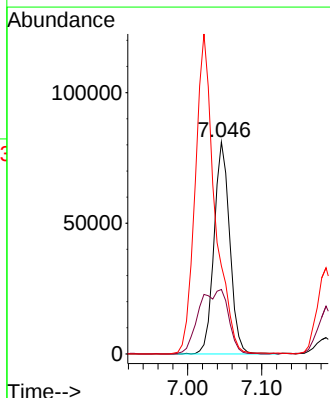
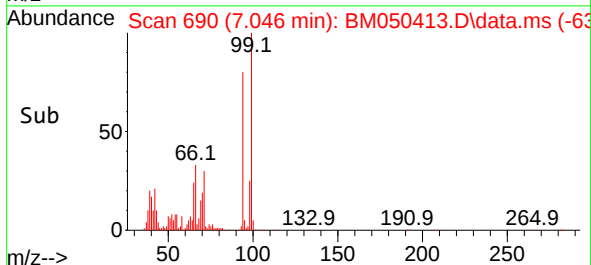
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

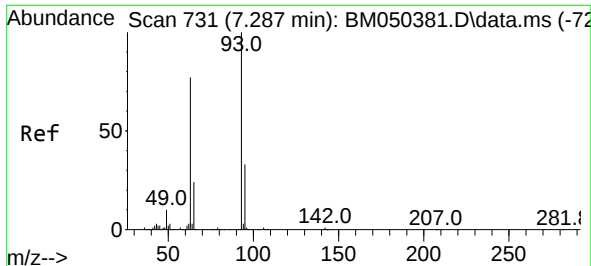


#10
Phenol
Concen: 3.816 ng
RT: 7.046 min Scan# 690
Delta R.T. 0.006 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



Tgt Ion: 94 Resp: 119088
Ion Ratio Lower Upper
94 100
65 30.4 8.1 48.1
66 41.5 15.8 55.8





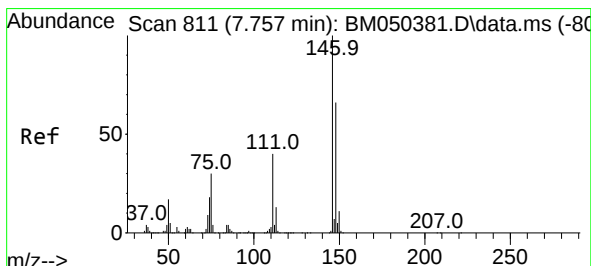
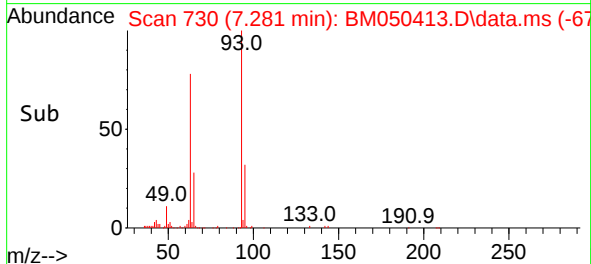
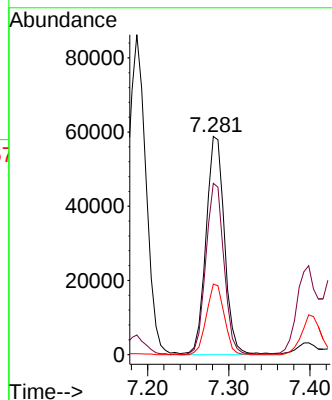
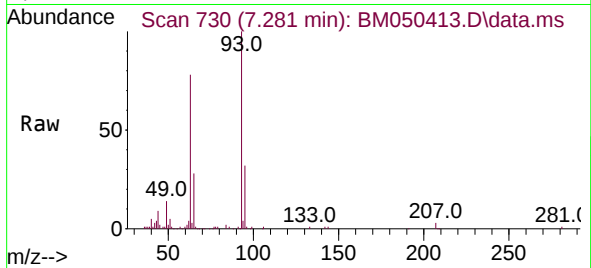
#11
bis(2-Chloroethyl)ether
Concen: 3.725 ng
RT: 7.281 min Scan# 731
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

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

Tgt Ion: 93 Resp: 9308
Ion Ratio Lower Upper
93 100
63 78.5 56.9 96.9
95 32.3 12.6 52.6

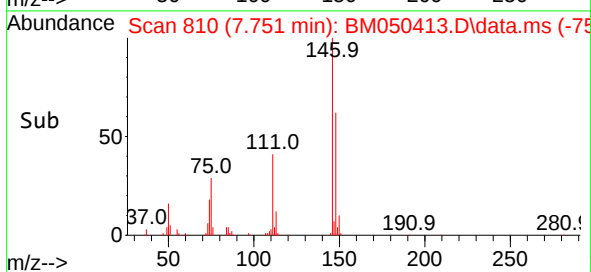
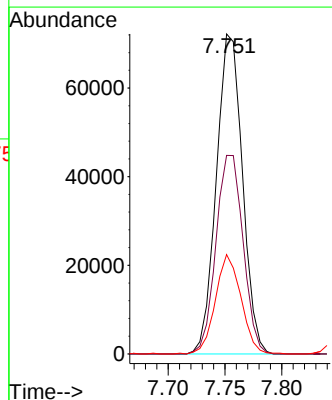
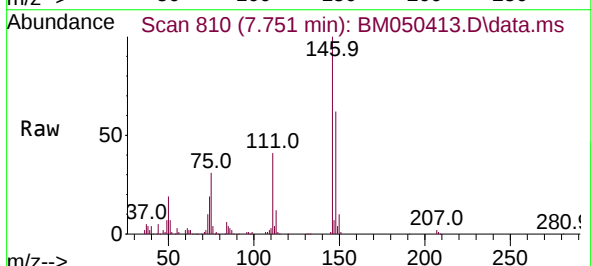
Manual Integrations
APPROVED

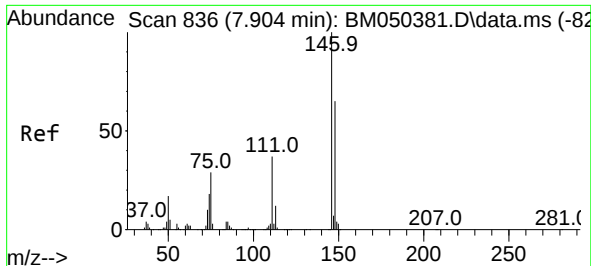
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#12
1,3-Dichlorobenzene
Concen: 3.787 ng
RT: 7.751 min Scan# 810
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

Tgt Ion:146 Resp: 115219
Ion Ratio Lower Upper
146 100
148 62.0 53.2 79.8
75 31.0 23.9 35.9





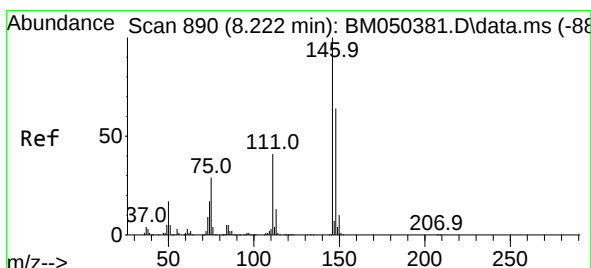
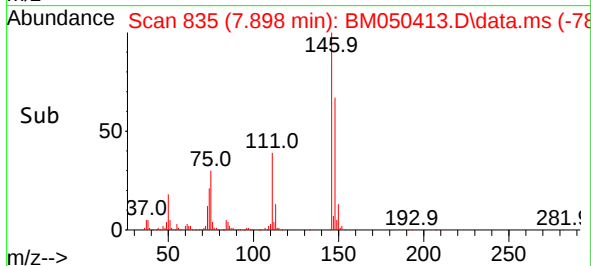
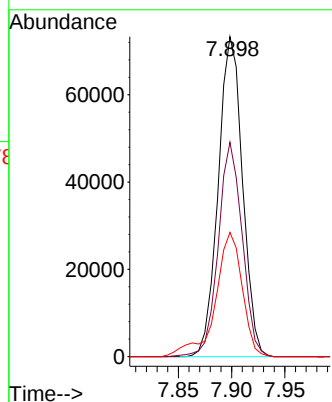
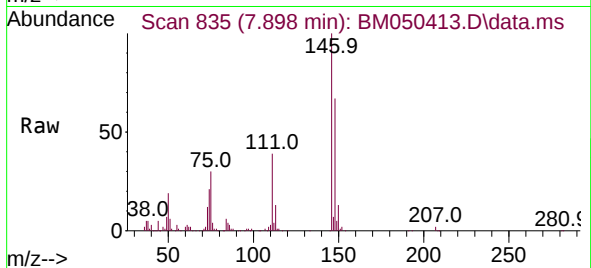
#13
1,4-Dichlorobenzene
Concen: 3.746 ng
RT: 7.898 min Scan# 836
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

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

Tgt Ion:146 Resp: 11640
Ion Ratio Lower Upper
146 100
148 67.0 51.9 77.9
111 38.8 30.0 45.0

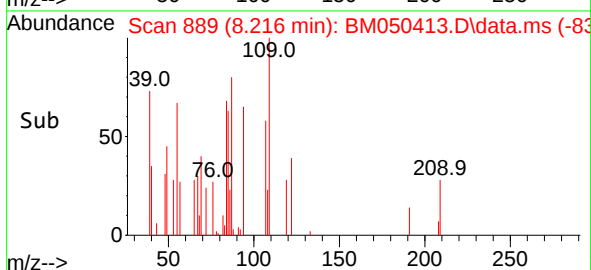
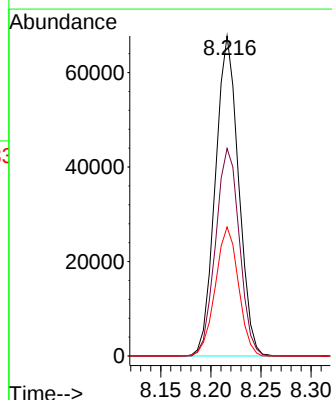
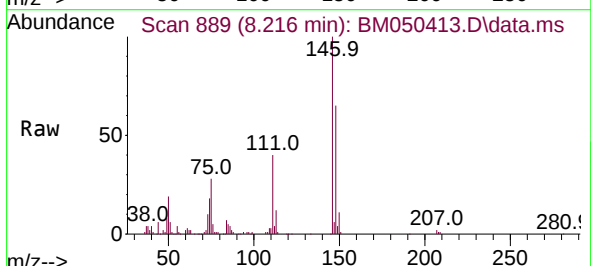
Manual Integrations
APPROVED

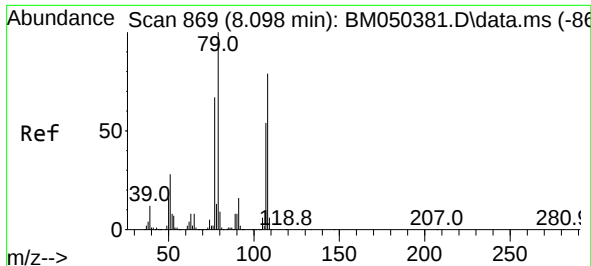
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#14
1,2-Dichlorobenzene
Concen: 3.669 ng
RT: 8.216 min Scan# 889
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

Tgt Ion:146 Resp: 109137
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 40.3 32.6 49.0





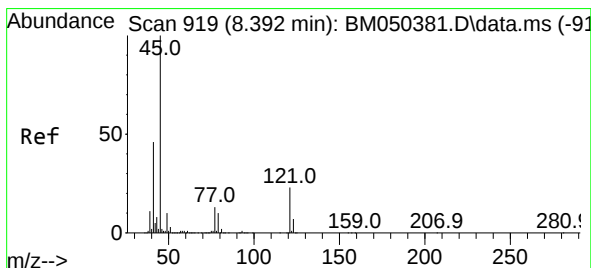
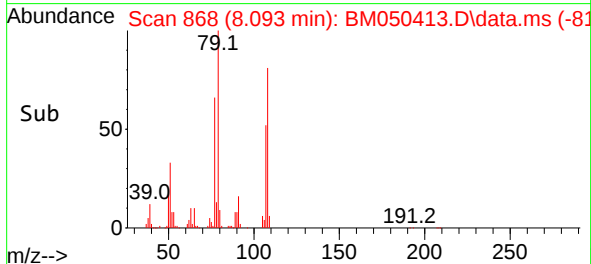
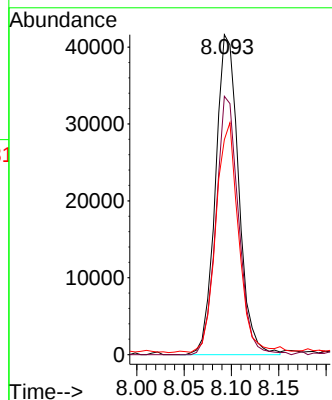
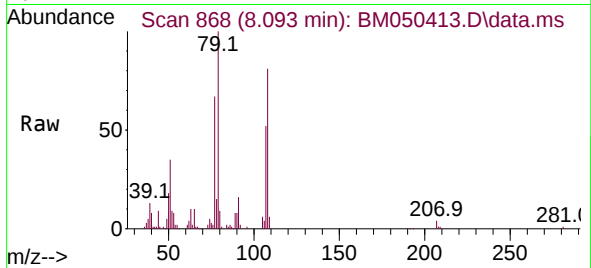
#15
Benzyl Alcohol
Concen: 3.355 ng
RT: 8.093 min Scan# 869
Delta R.T. 0.006 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

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

Tgt Ion: 79 Resp: 70719
Ion Ratio Lower Upper
79 100
108 80.7 63.0 94.4
77 67.2 53.4 80.0

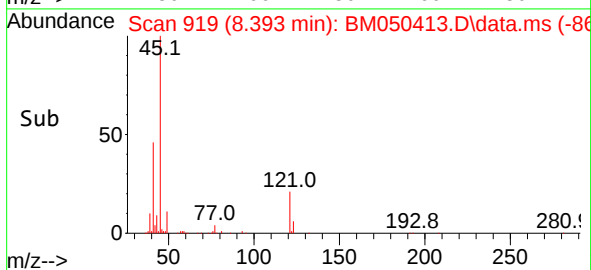
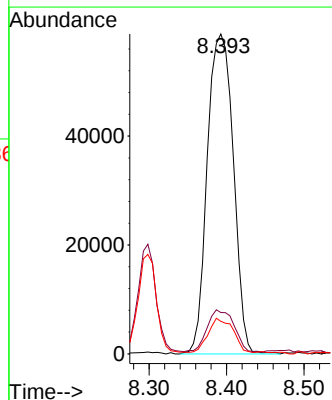
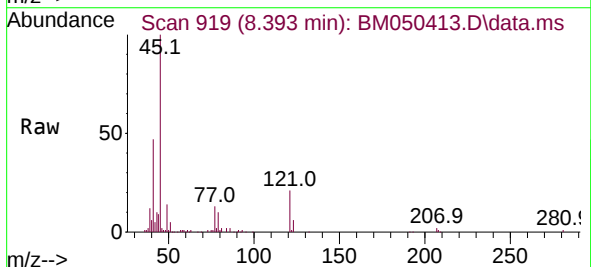
Manual Integrations
APPROVED

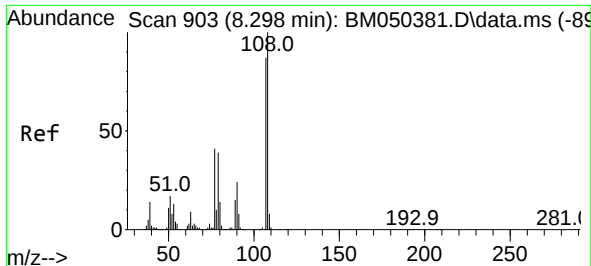
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.739 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

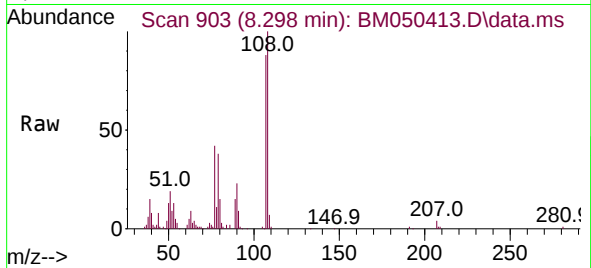
Tgt Ion: 45 Resp: 137645
Ion Ratio Lower Upper
45 100
77 12.9 0.0 33.5
79 10.2 0.0 30.3





#17
2-Methylphenol
Concen: 3.325 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

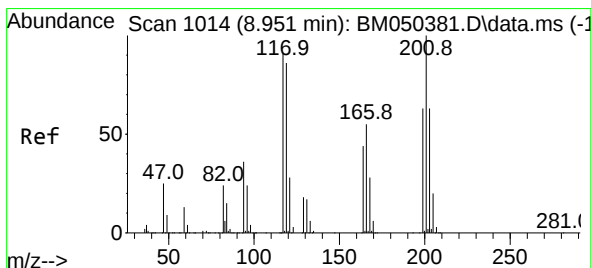
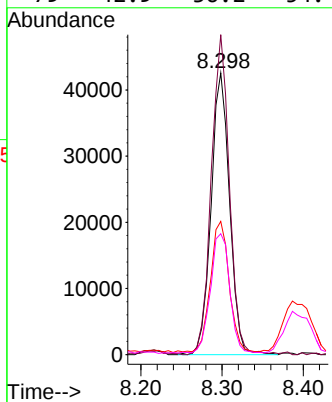
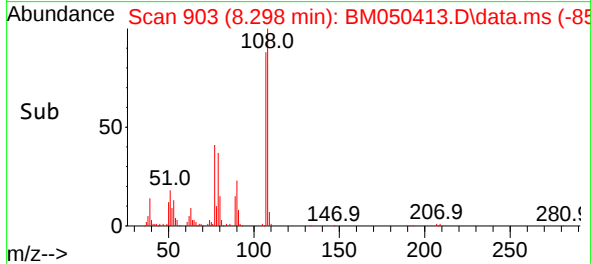
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



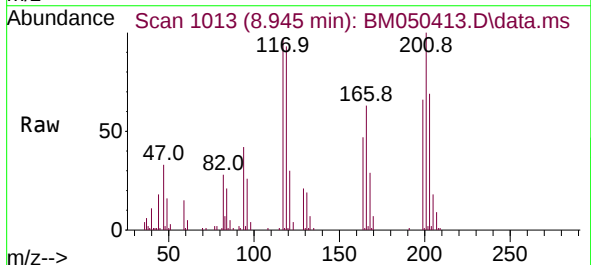
Tgt Ion:	107	Resp:	6728
Ion Ratio	Lower	Upper	
107	100		
108	113.6	92.1	138.1
77	47.3	38.2	57.4
79	42.9	36.2	54.4

Manual Integrations
APPROVED

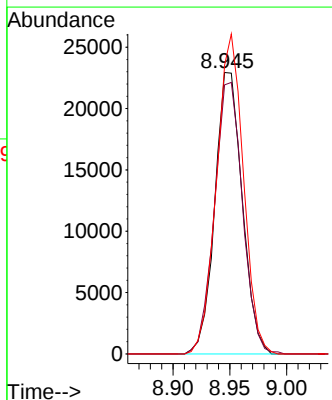
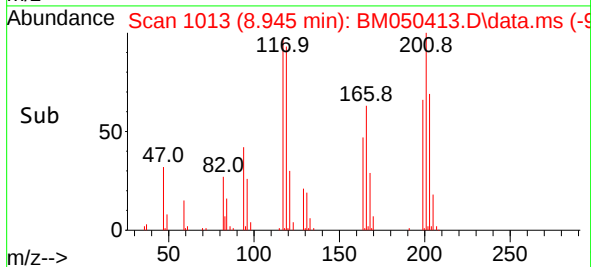
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

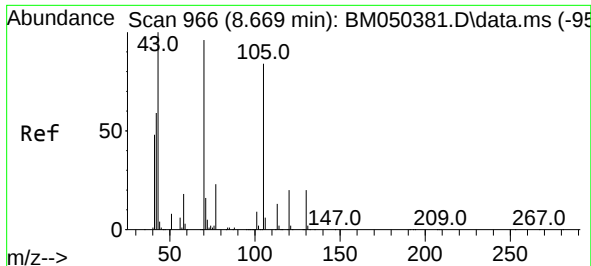


#18
Hexachloroethane
Concen: 3.514 ng
RT: 8.945 min Scan# 1013
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



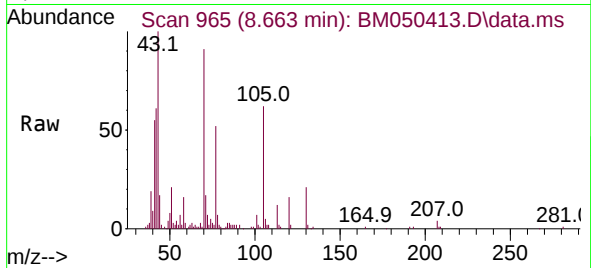
Tgt Ion:	117	Resp:	38401
Ion Ratio	Lower	Upper	
117	100		
119	95.6	75.6	113.4
201	102.6	87.9	131.9





#19
n-Nitroso-di-n-propylamine
Concen: 3.226 ng
RT: 8.663 min Scan# 90
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

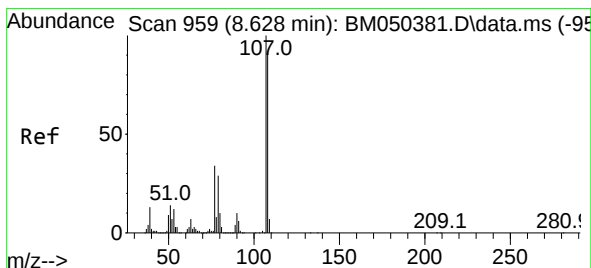
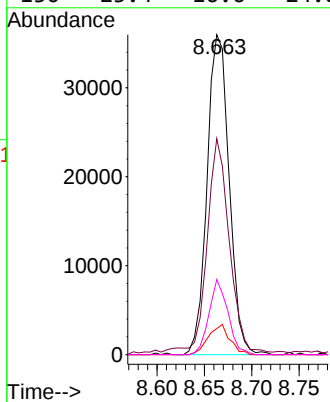
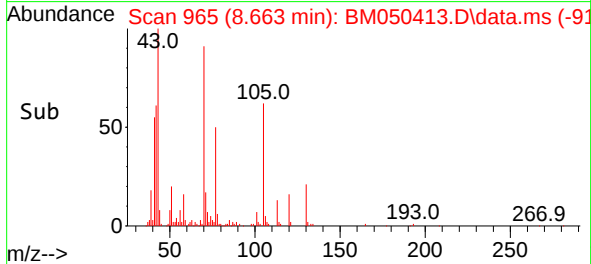
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



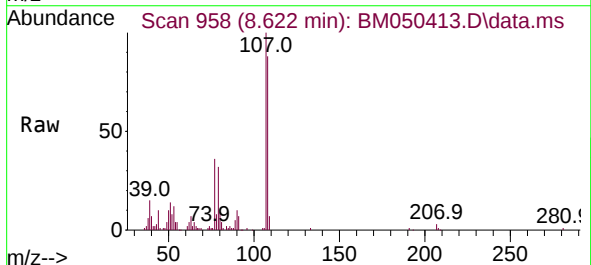
Tgt Ion: 70 Resp: 58463
Ion Ratio Lower Upper
70 100
42 67.5 49.7 74.5
101 8.1 7.7 11.5
130 23.4 16.6 24.8

Manual Integrations
APPROVED

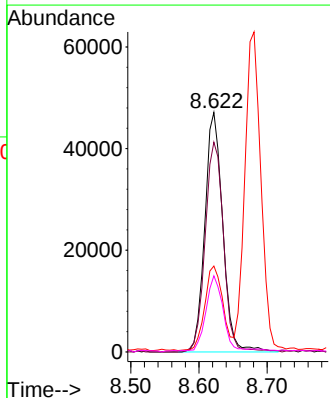
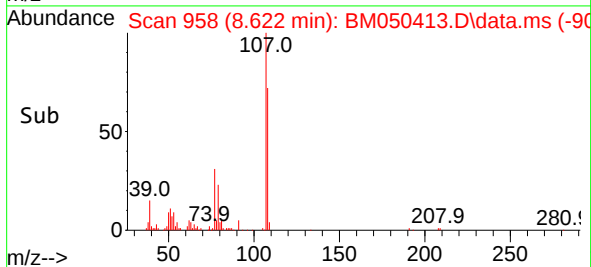
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

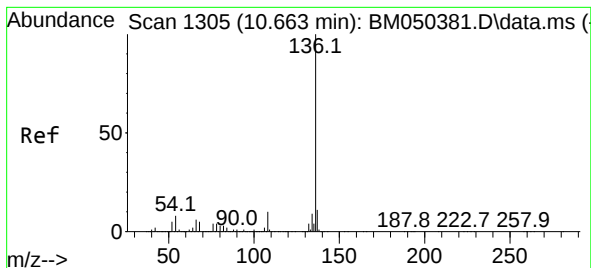


#20
3+4-Methylphenols
Concen: 3.165 ng
RT: 8.622 min Scan# 958
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



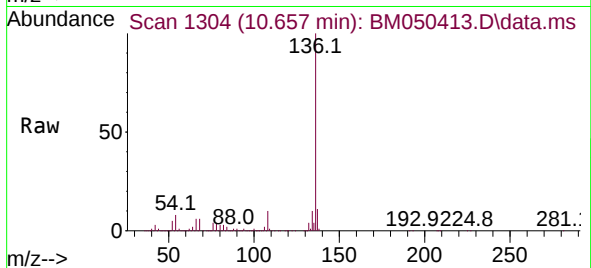
Tgt Ion:107 Resp: 85990
Ion Ratio Lower Upper
107 100
108 87.6 71.5 111.5
77 35.8 13.7 53.7
79 31.8 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

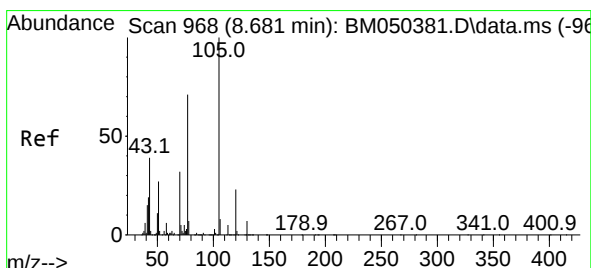
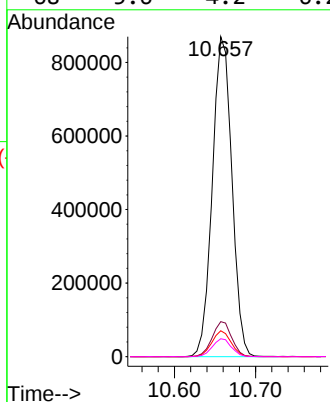
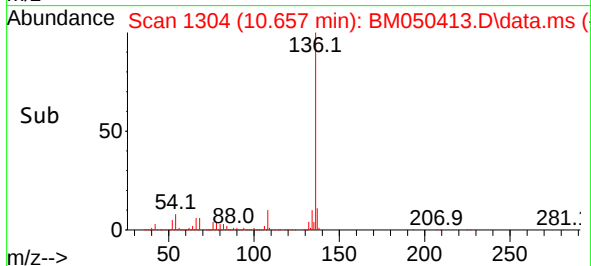
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:136 Resp: 145566
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 6.3 9.5
68 5.6 4.2 6.2

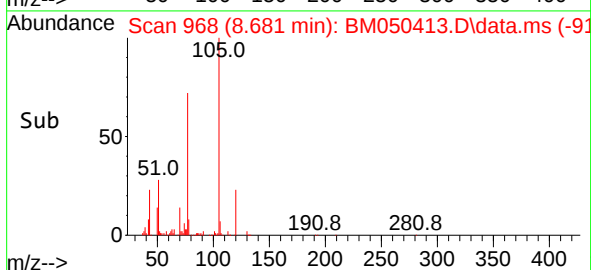
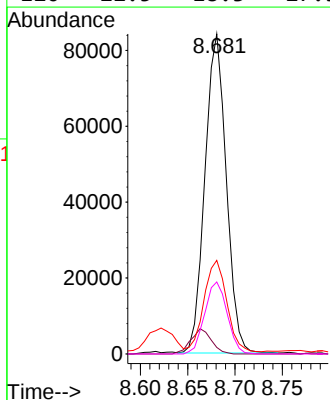
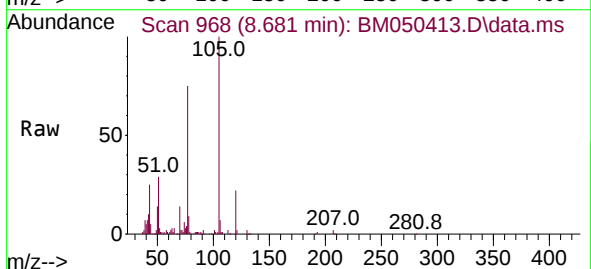
Manual Integrations
APPROVED

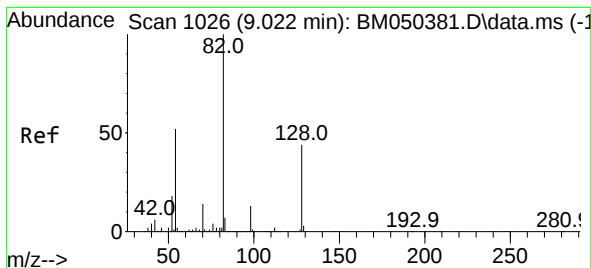
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#22
Acetophenone
Concen: 3.627 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

Tgt Ion:105 Resp: 131997
Ion Ratio Lower Upper
105 100
71 2.1 4.4 6.6#
51 29.2 23.0 34.6
120 22.5 18.3 27.5





#23

Nitrobenzene-d5

Concen: 82.389 ng

RT: 9.016 min Scan# 1025

Delta R.T. 0.012 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 82 Resp: 235075

Ion Ratio Lower Upper

82 100

128 43.6 35.2 52.8

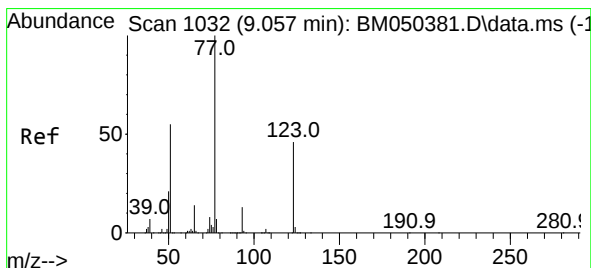
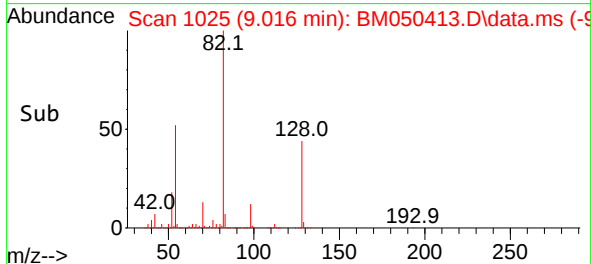
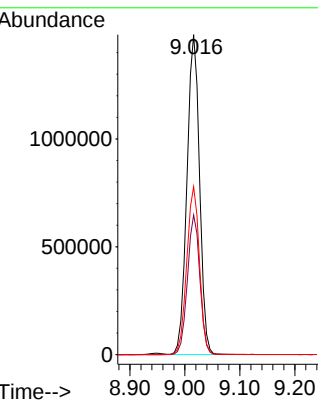
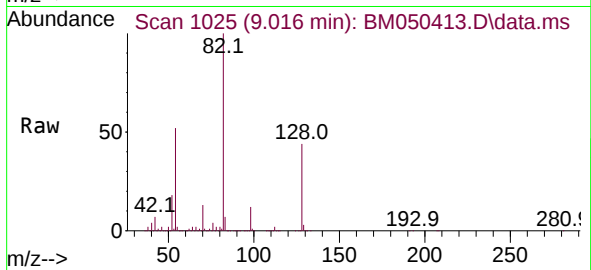
54 52.5 41.5 62.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#24

Nitrobenzene

Concen: 4.188 ng

RT: 9.057 min Scan# 1032

Delta R.T. 0.012 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

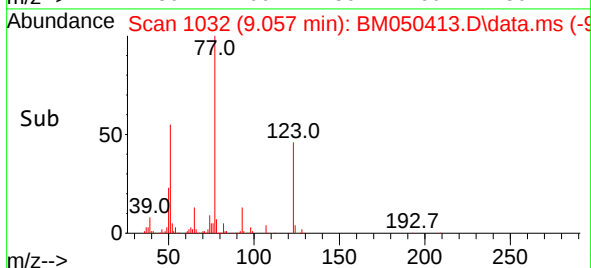
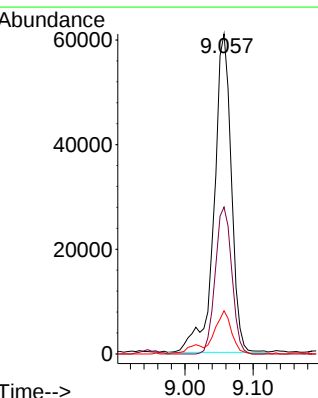
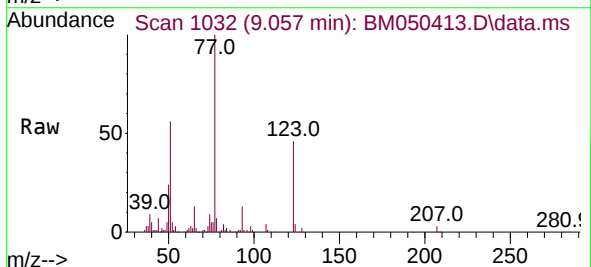
Tgt Ion: 77 Resp: 106633

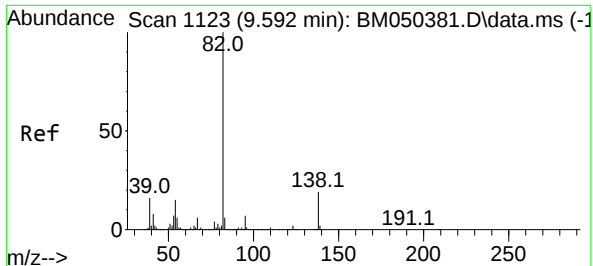
Ion Ratio Lower Upper

77 100

123 45.9 37.0 55.6

65 13.5 11.0 16.4





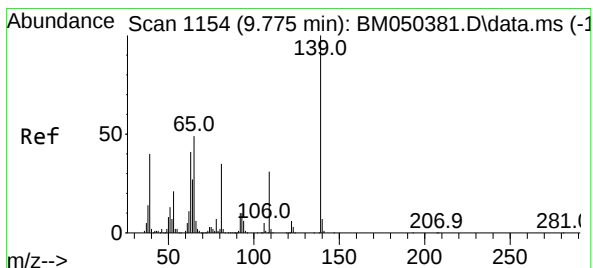
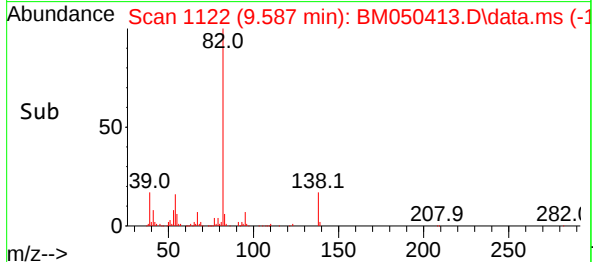
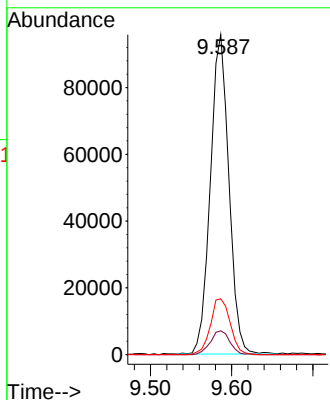
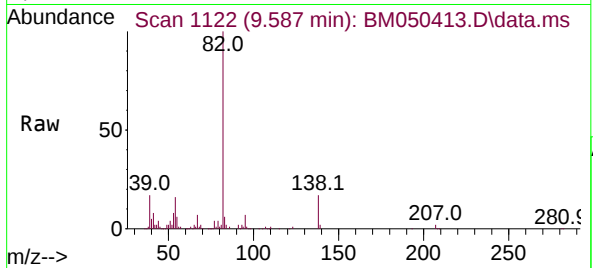
#25
Isophorone
Concen: 3.278 ng
RT: 9.587 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

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

Tgt Ion: 82 Resp: 151749
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 17.4 15.3 22.9

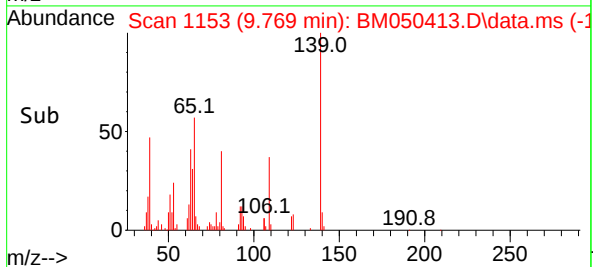
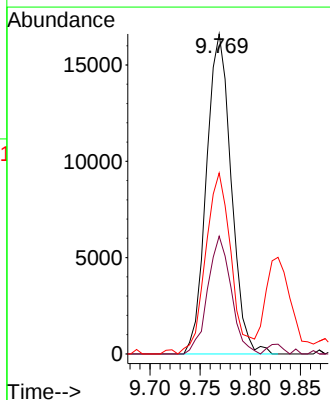
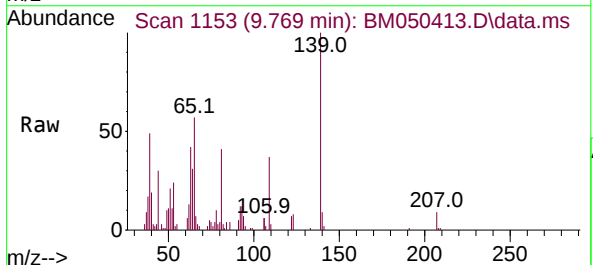
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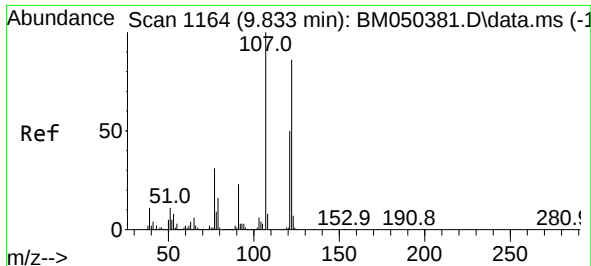
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#26
2-Nitrophenol
Concen: 2.753 ng
RT: 9.769 min Scan# 1153
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

Tgt Ion:139 Resp: 28570
Ion Ratio Lower Upper
139 100
109 36.8 24.6 36.8
65 56.5 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 3.421 ng

RT: 9.828 min Scan# 1163

Delta R.T. 0.012 min

Lab File: BM050413.D

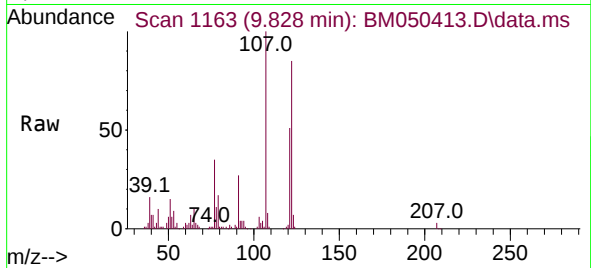
Acq: 11 Jul 2025 15:03

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



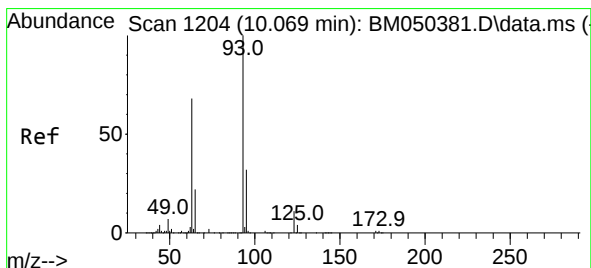
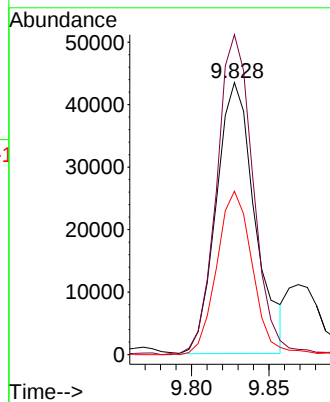
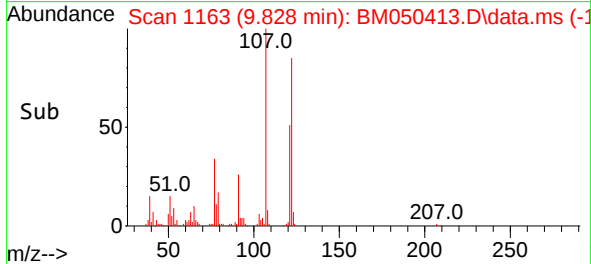
Tgt Ion:	122	Resp:	75529
Ion	Ratio	Lower	Upper
122	100		
107	117.6	93.0	139.6
121	60.1	46.1	69.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 3.553 ng

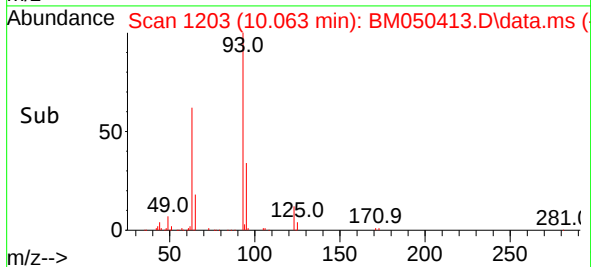
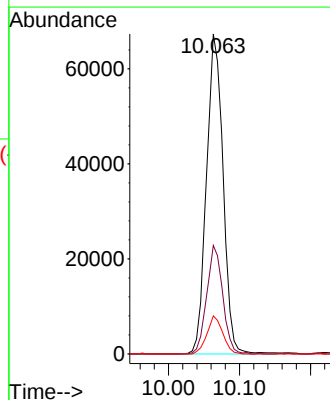
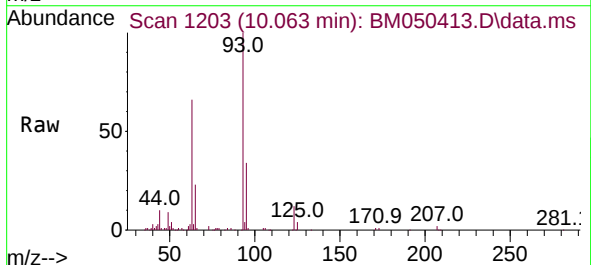
RT: 10.063 min Scan# 1203

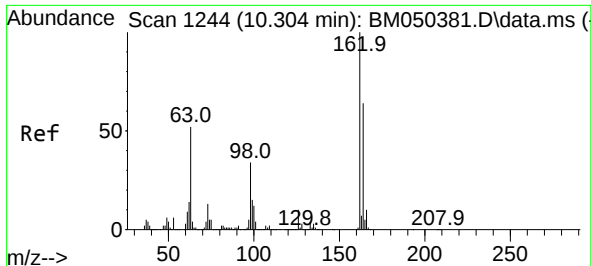
Delta R.T. 0.012 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

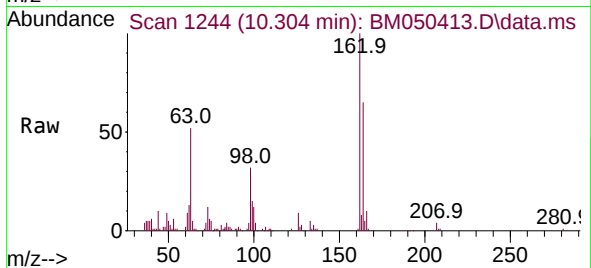
Tgt Ion:	93	Resp:	109012
Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.8	38.6
123	11.9	9.1	13.7





#29
2,4-Dichlorophenol
Concen: 3.167 ng
RT: 10.304 min Scan# 1244
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

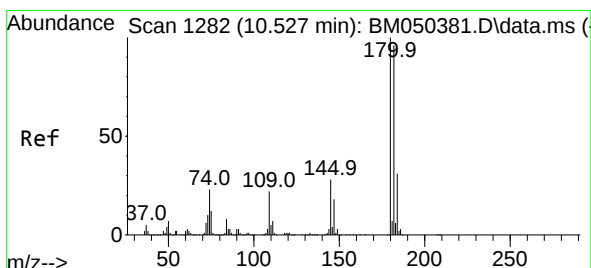
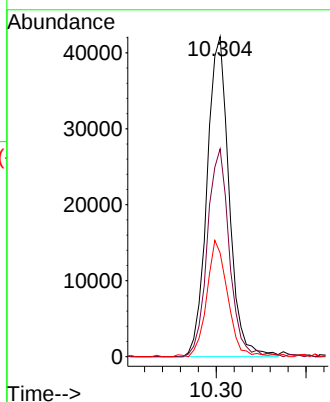
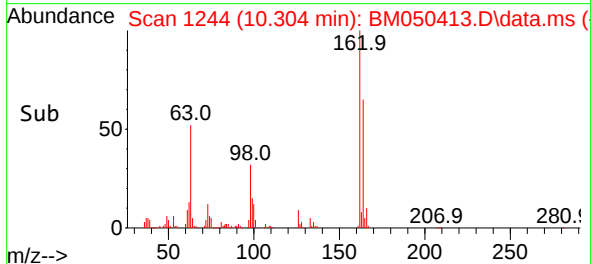
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



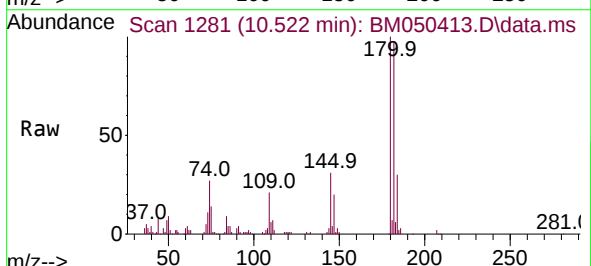
Tgt Ion:162 Resp: 71838
Ion Ratio Lower Upper
162 100
164 65.0 43.7 83.7
98 32.4 13.7 53.7

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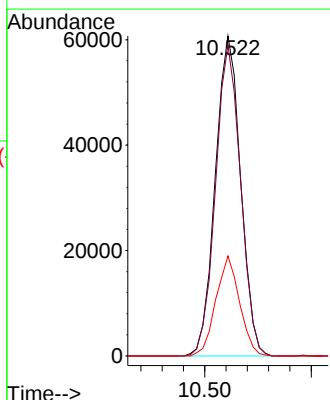
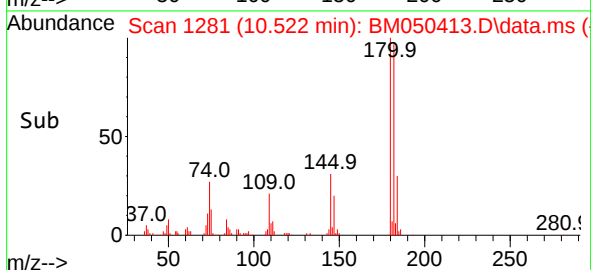
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

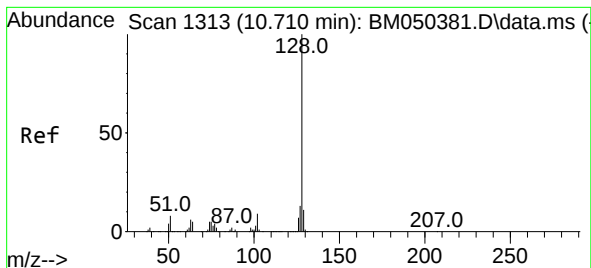


#30
1,2,4-Trichlorobenzene
Concen: 3.695 ng
RT: 10.522 min Scan# 1281
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



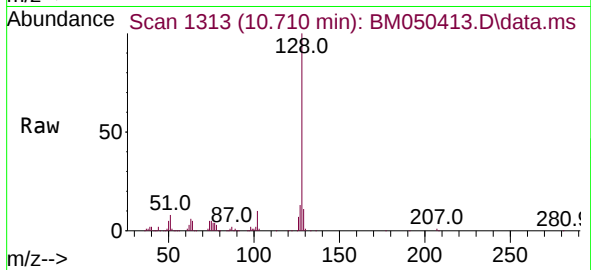
Tgt Ion:180 Resp: 100271
Ion Ratio Lower Upper
180 100
182 97.1 76.8 115.2
145 31.2 22.6 33.8





#31
Naphthalene
Concen: 3.779 ng
RT: 10.710 min Scan# 1313
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

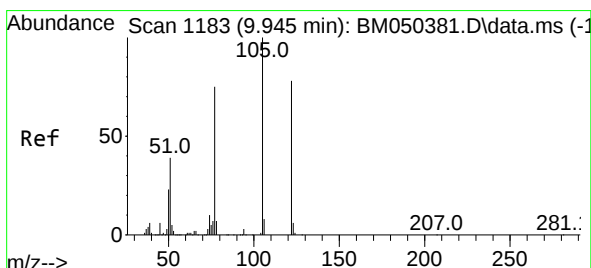
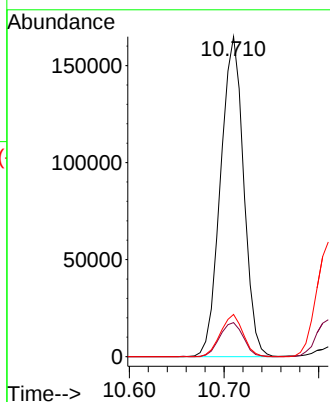
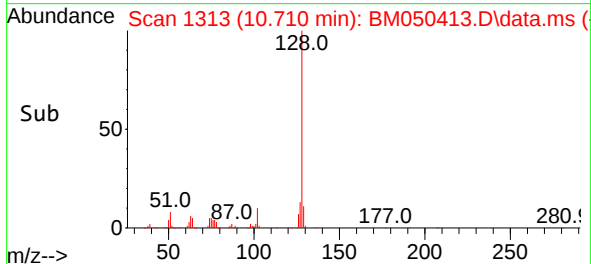
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



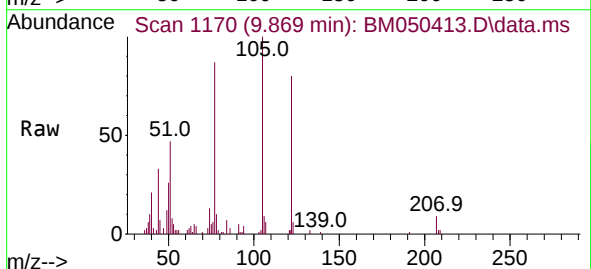
Tgt Ion:128 Resp: 279396
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.2 10.4 15.6

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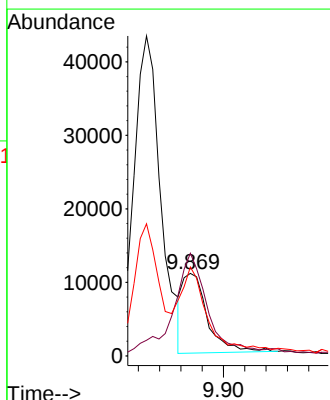
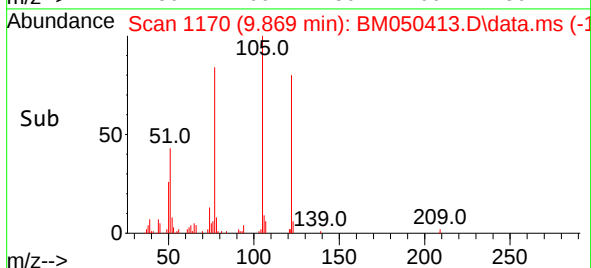
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

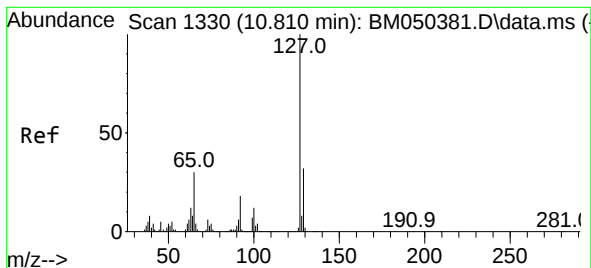


#32
Benzoic acid
Concen: 7.118 ng
RT: 9.869 min Scan# 1170
Delta R.T. -0.065 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



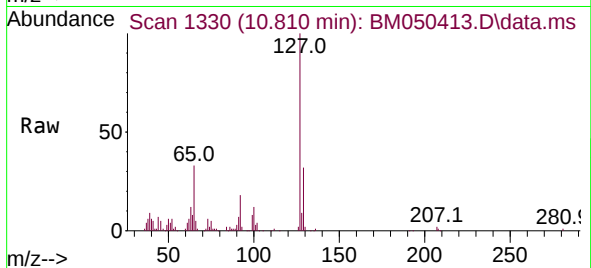
Tgt Ion:122 Resp: 17703
Ion Ratio Lower Upper
122 100
105 124.5 104.0 144.0
77 107.8 73.8 113.8





#33
4-Chloroaniline
Concen: 3.311 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

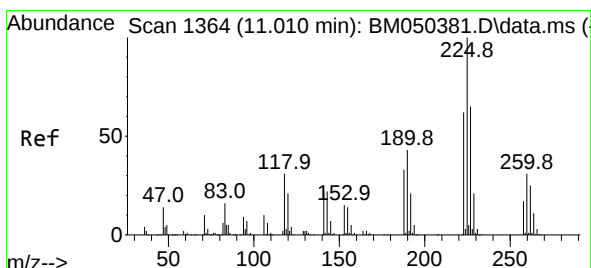
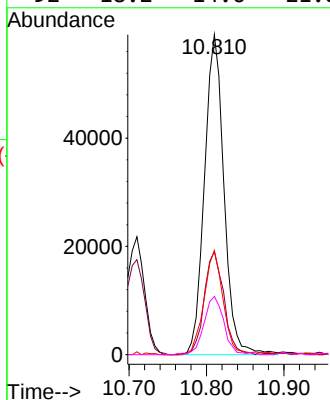
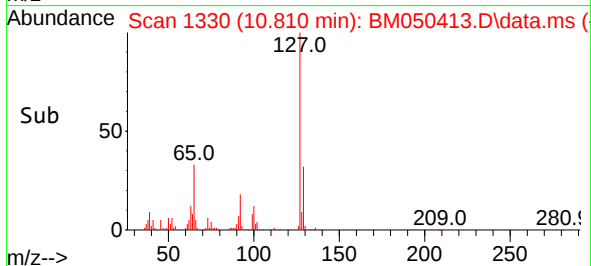
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



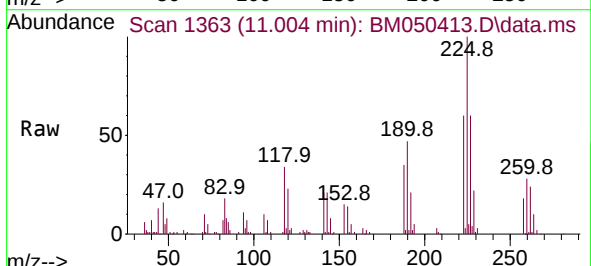
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.5	38.3
65	32.6	23.9	35.9
92	18.2	14.6	21.8

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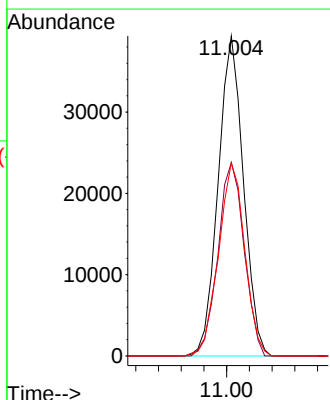
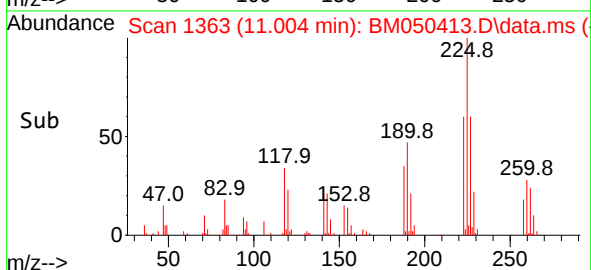
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

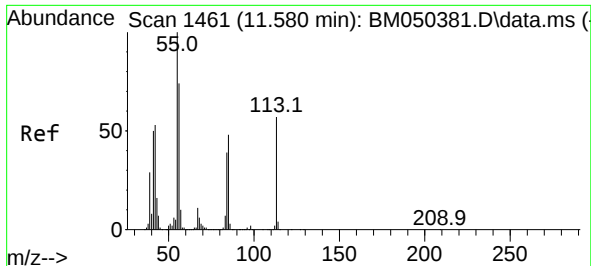


#34
Hexachlorobutadiene
Concen: 3.668 ng
RT: 11.004 min Scan# 1363
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



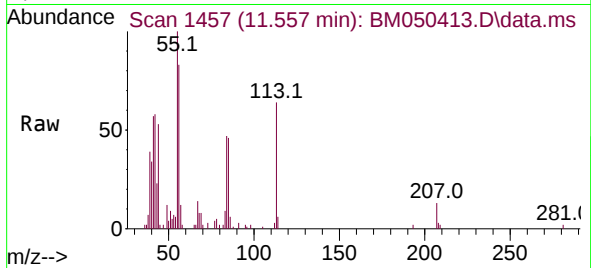
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	64.0	52.1	78.1





#35
 Caprolactam
 Concen: 2.465 ng
 RT: 11.557 min Scan# 1461
 Delta R.T. -0.017 min
 Lab File: BM050413.D
 Acq: 11 Jul 2025 15:03

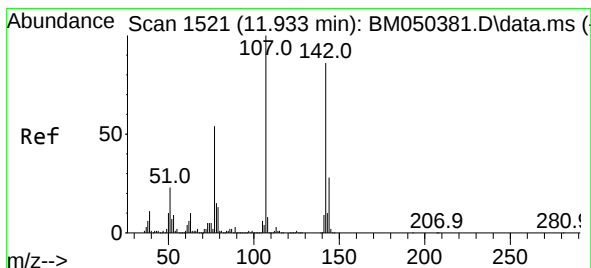
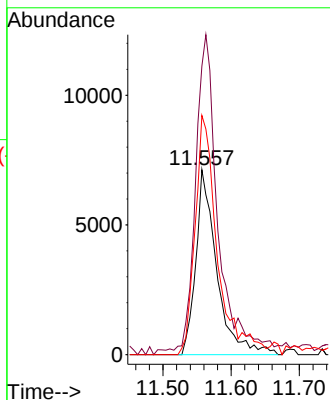
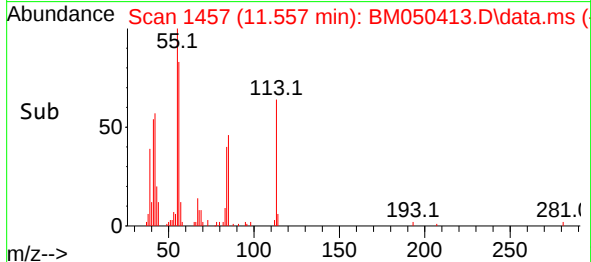
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:113 Resp: 15264
 Ion Ratio Lower Upper
 113 100
 55 156.0 157.2 197.2
 56 129.4 111.7 151.7

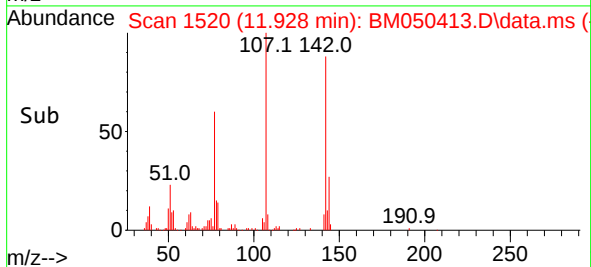
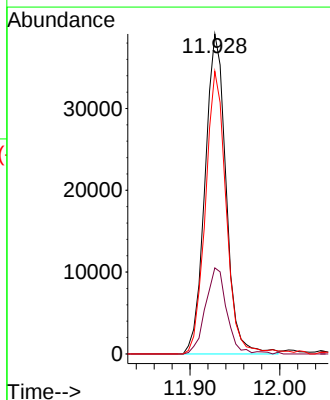
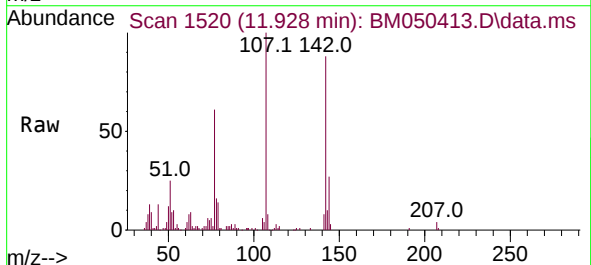
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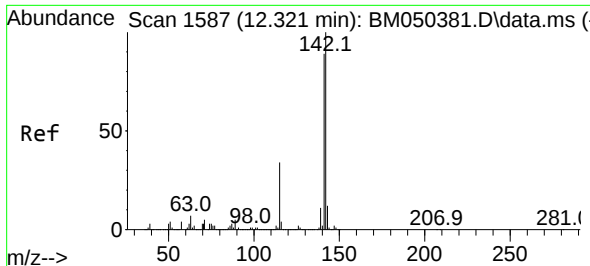
Reviewed By :Rahul Chavli 07/14/2025
 Supervised By :Jagrut Upadhyay 07/14/2025



#36
 4-Chloro-3-methylphenol
 Concen: 3.012 ng
 RT: 11.928 min Scan# 1520
 Delta R.T. 0.012 min
 Lab File: BM050413.D
 Acq: 11 Jul 2025 15:03

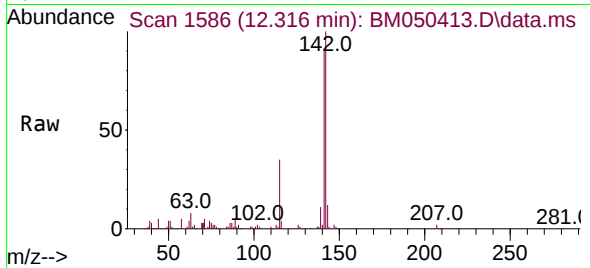
Tgt Ion:107 Resp: 63815
 Ion Ratio Lower Upper
 107 100
 144 26.9 22.2 33.4
 142 88.3 68.7 103.1





#37
2-Methylnaphthalene
Concen: 3.422 ng
RT: 12.316 min Scan# 1586
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

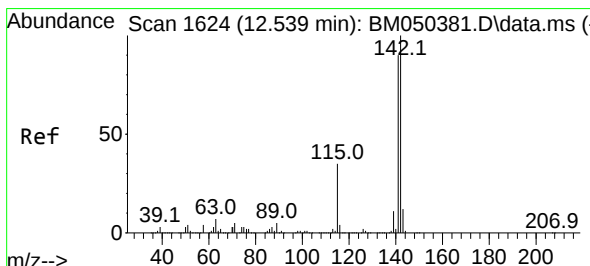
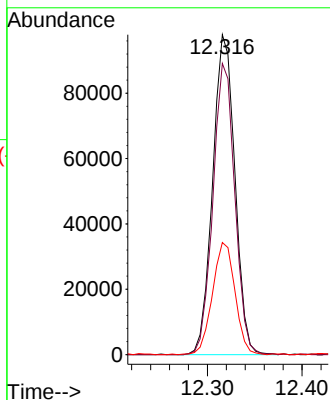
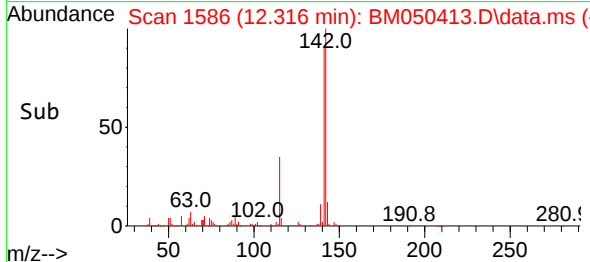
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



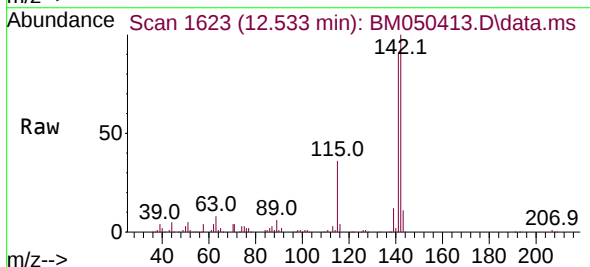
Tgt Ion:142 Resp: 159738
Ion Ratio Lower Upper
142 100
141 91.0 70.8 106.2
115 35.0 27.0 40.4

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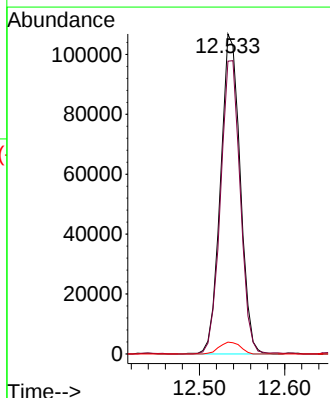
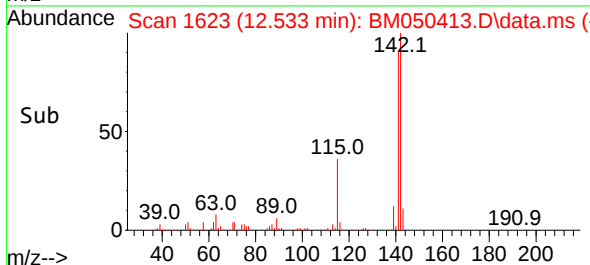
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

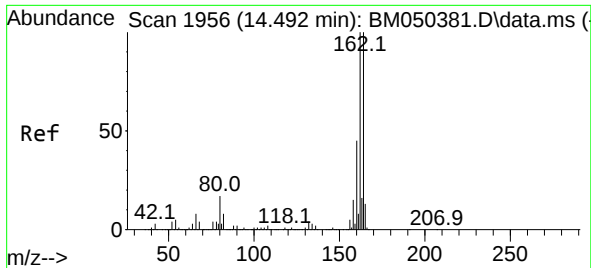


#38
1-Methylnaphthalene
Concen: 3.456 ng
RT: 12.533 min Scan# 1623
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



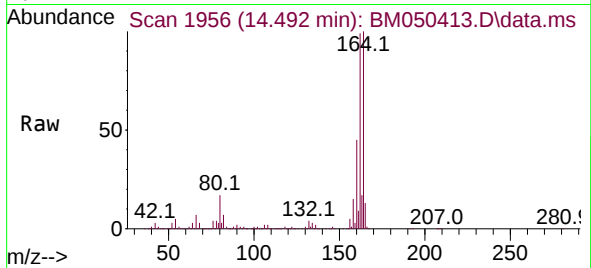
Tgt Ion:142 Resp: 170741
Ion Ratio Lower Upper
142 100
141 91.5 71.9 107.9
116 3.7 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

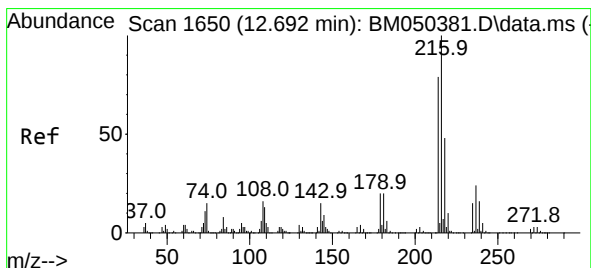
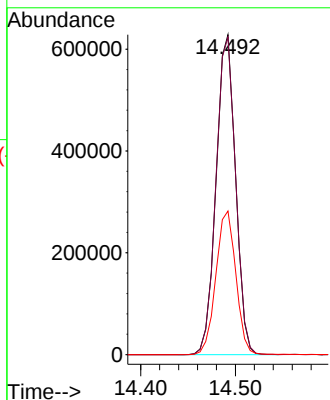
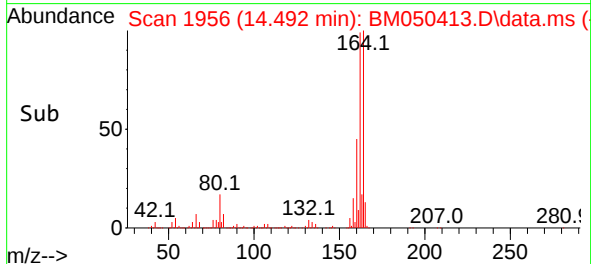
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



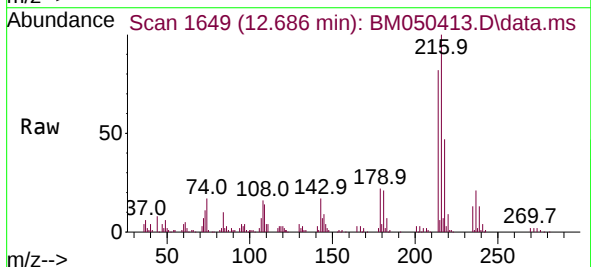
Tgt Ion:164 Resp: 894205
Ion Ratio Lower Upper
164 100
162 99.2 79.9 119.9
160 44.9 36.2 54.4

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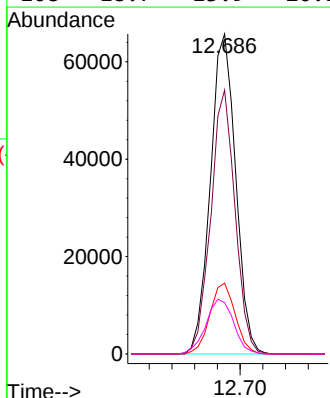
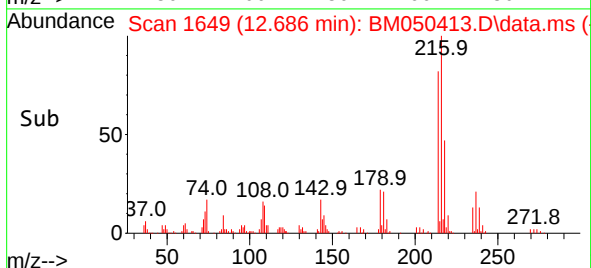
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

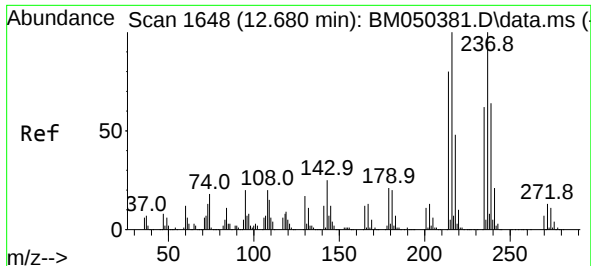


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.575 ng
RT: 12.686 min Scan# 1649
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



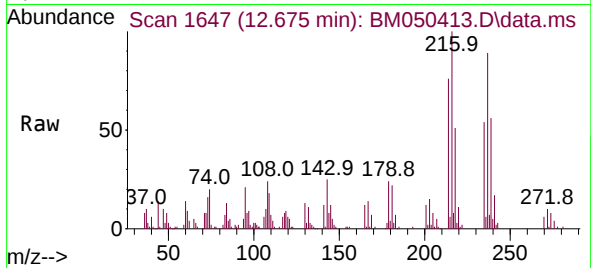
Tgt Ion:216 Resp: 101647
Ion Ratio Lower Upper
216 100
214 78.9 63.3 94.9
179 22.1 16.4 24.6
108 18.7 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 2.705 ng
RT: 12.675 min Scan# 1648
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

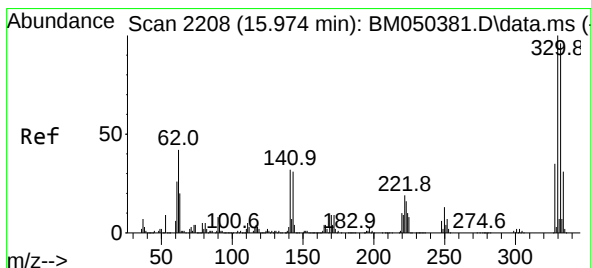
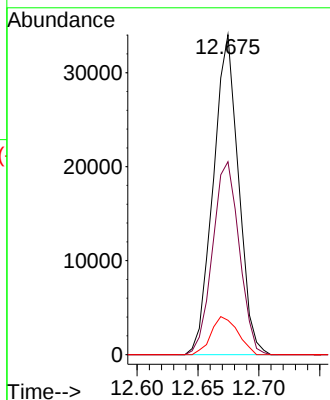
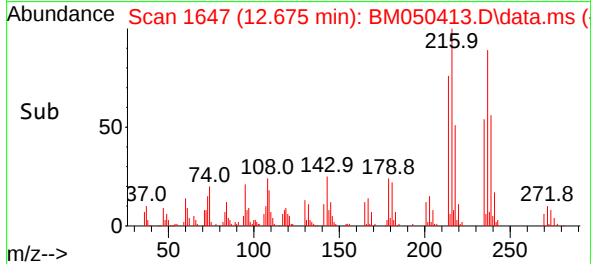
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



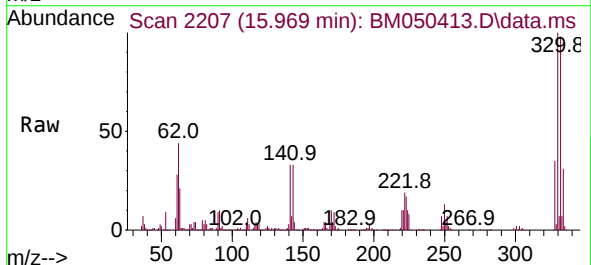
Tgt Ion:237 Resp: 49166
Ion Ratio Lower Upper
237 100
235 60.3 42.3 82.3
272 10.7 0.0 33.0

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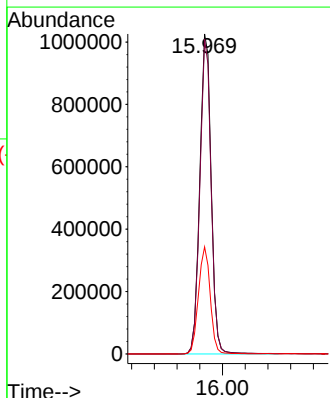
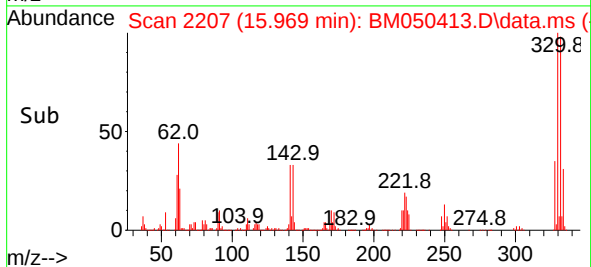
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

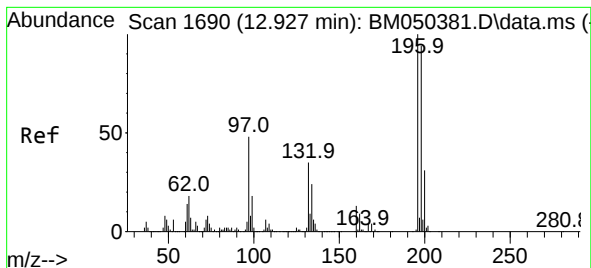


#42
2,4,6-Tribromophenol
Concen: 130.807 ng
RT: 15.969 min Scan# 2207
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



Tgt Ion:330 Resp: 1421175
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 34.5 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 2.963 ng

RT: 12.922 min Scan# 1689

Delta R.T. 0.012 min

Lab File: BM050413.D

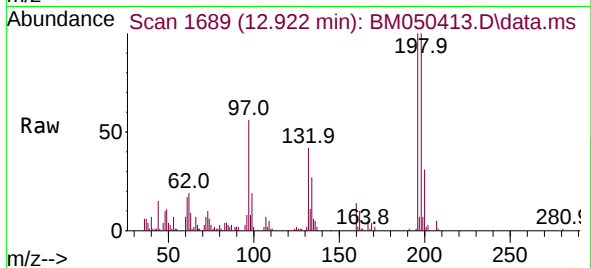
Acq: 11 Jul 2025 15:03

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:196 Resp: 51860

Ion Ratio Lower Upper

196 100

198 100.0 75.1 112.7

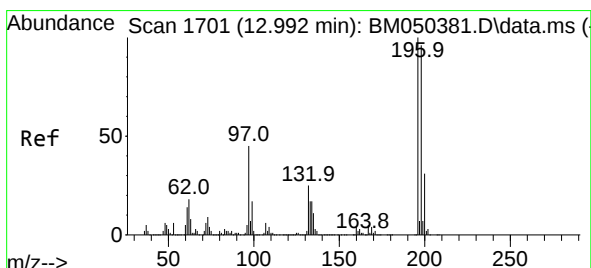
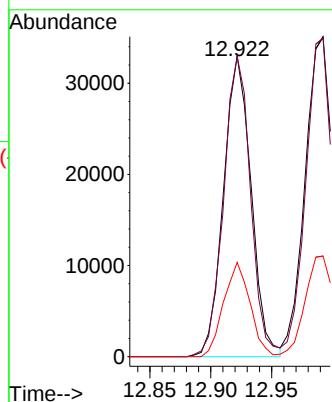
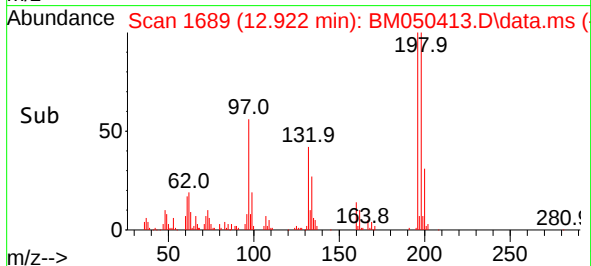
200 31.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#44

2,4,5-Trichlorophenol

Concen: 3.050 ng

RT: 12.992 min Scan# 1701

Delta R.T. 0.018 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Tgt Ion:196 Resp: 58313

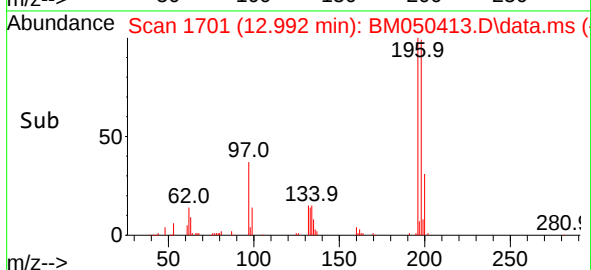
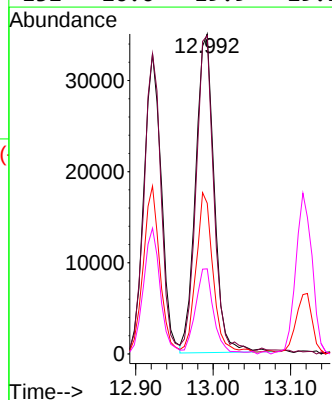
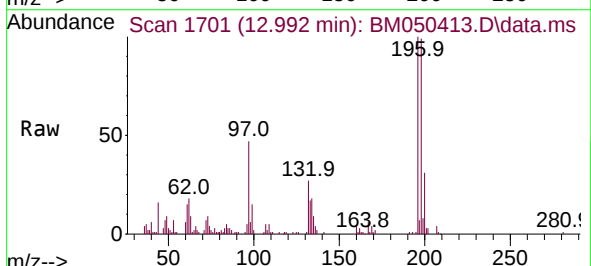
Ion Ratio Lower Upper

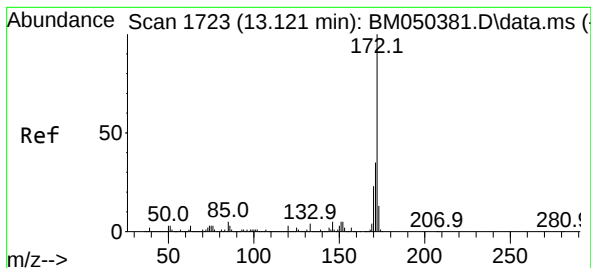
196 100

198 99.5 77.2 115.8

97 47.1 36.2 54.4

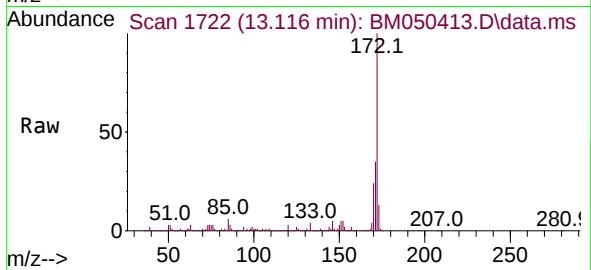
132 26.6 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 82.324 ng
RT: 13.116 min Scan# 1722
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

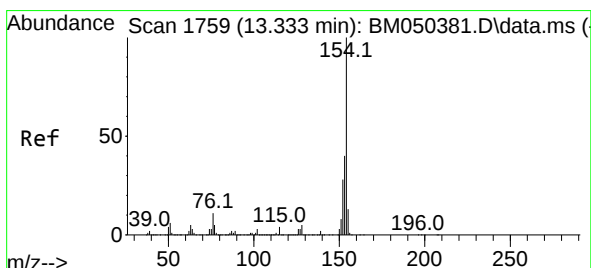
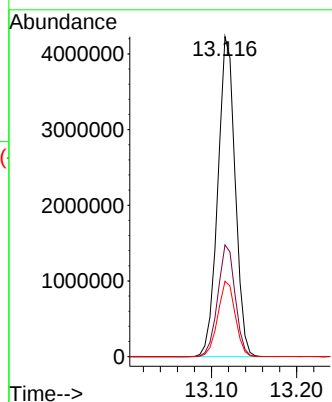
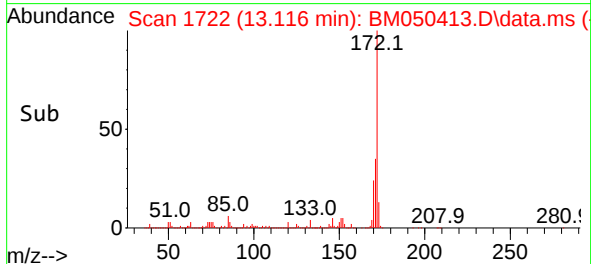
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



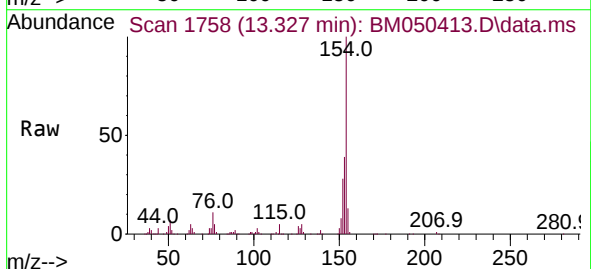
Tgt Ion:172 Resp: 5961000
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 23.5 18.8 28.2

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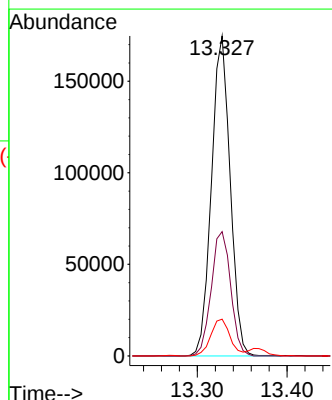
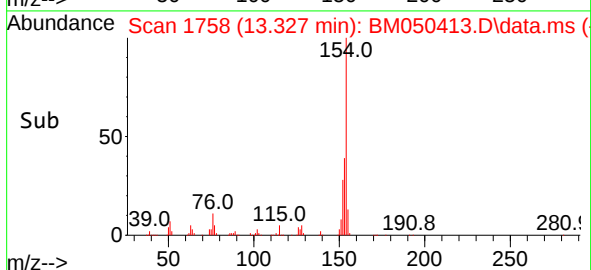
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

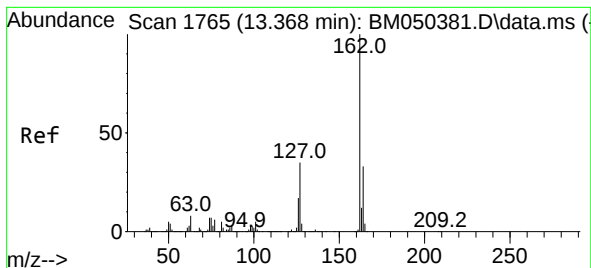


#46
1,1'-Biphenyl
Concen: 3.807 ng
RT: 13.327 min Scan# 1758
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



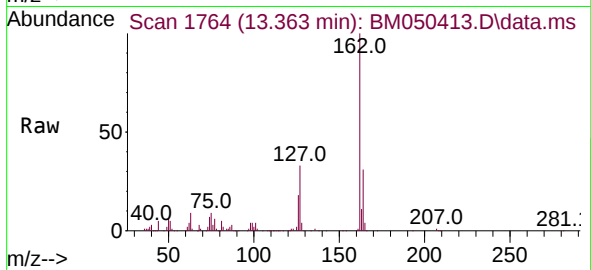
Tgt Ion:154 Resp: 252551
Ion Ratio Lower Upper
154 100
153 38.9 19.7 59.7
76 11.5 0.0 30.9





#47
2-Chloronaphthalene
Concen: 3.794 ng
RT: 13.363 min Scan# 1764
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

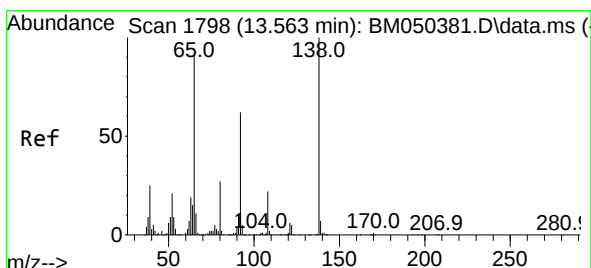
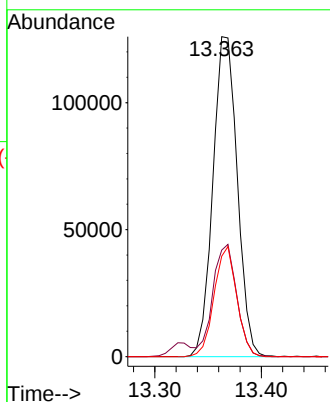
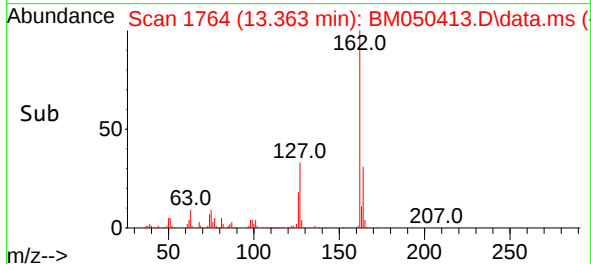
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



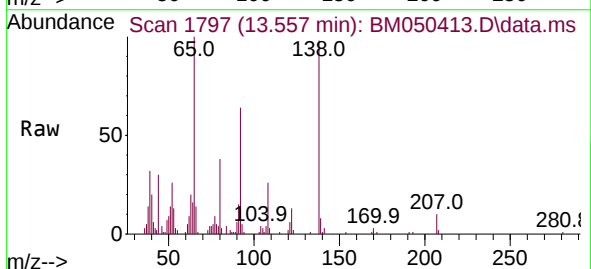
Tgt Ion:162 Resp: 200662
Ion Ratio Lower Upper
162 100
127 33.3 28.3 42.5
164 31.4 26.6 40.0

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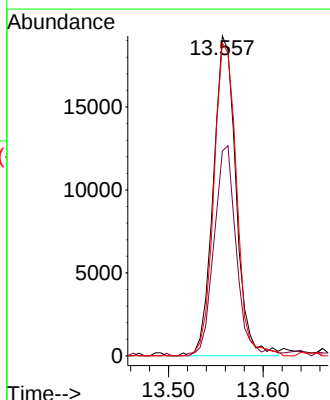
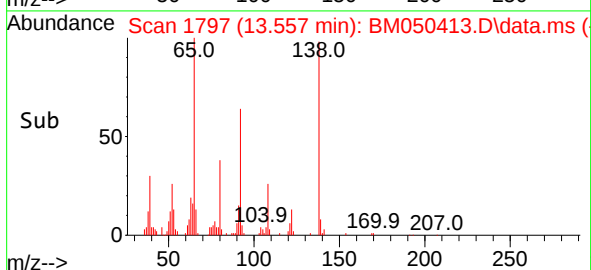
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

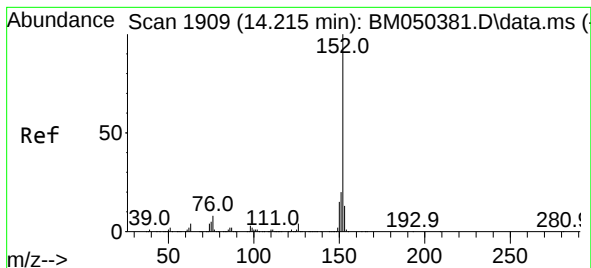


#48
2-Nitroaniline
Concen: 2.717 ng
RT: 13.557 min Scan# 1797
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



Tgt Ion: 65 Resp: 32077
Ion Ratio Lower Upper
65 100
92 64.0 54.3 81.5
138 97.8 87.8 131.6





#49

Acenaphthylene

Concen: 3.424 ng

RT: 14.210 min Scan# 1909

Delta R.T. 0.012 min

Lab File: BM050413.D

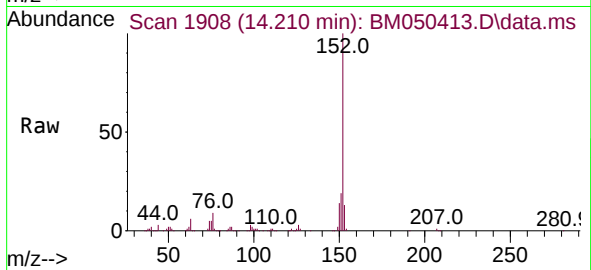
Acq: 11 Jul 2025 15:03

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:152 Resp: 27372

Ion Ratio Lower Upper

152 100

151 19.1 16.3 24.5

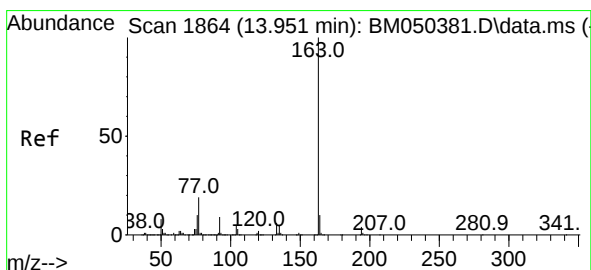
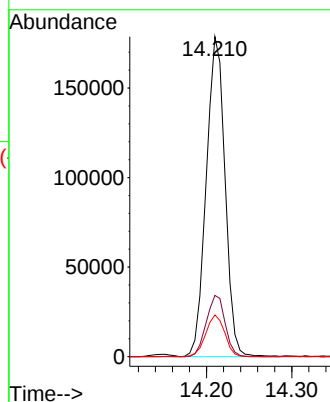
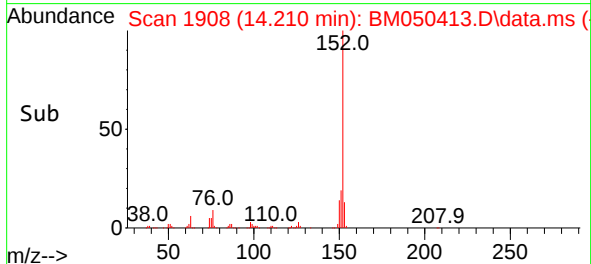
153 13.0 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#50

Dimethylphthalate

Concen: 3.608 ng

RT: 13.945 min Scan# 1863

Delta R.T. 0.012 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

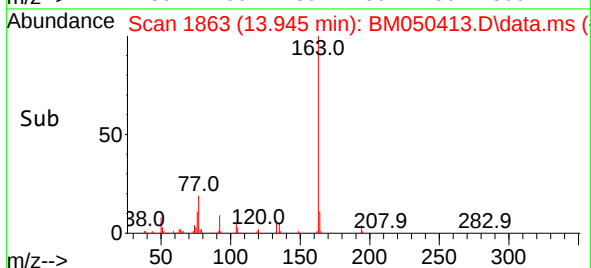
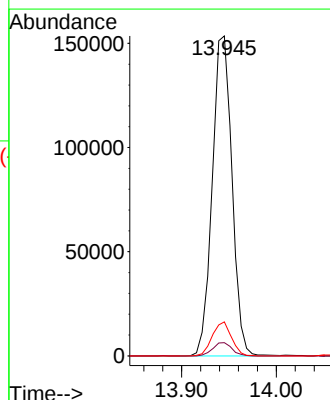
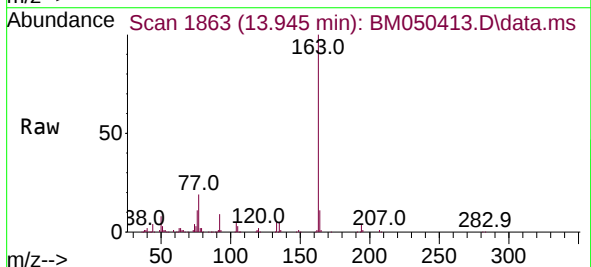
Tgt Ion:163 Resp: 222121

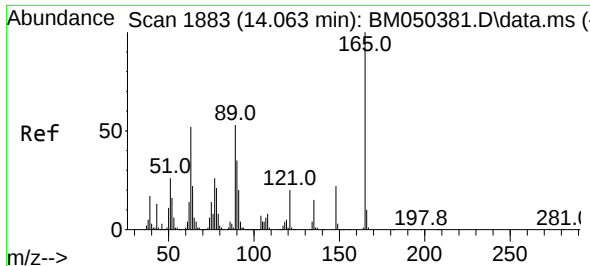
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.7 8.2 12.2





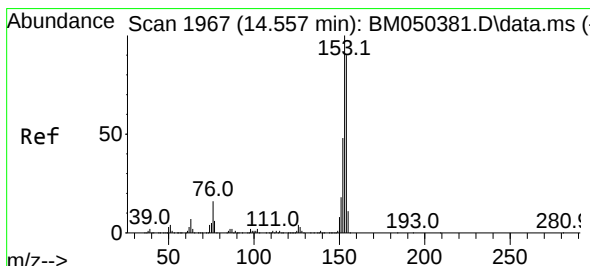
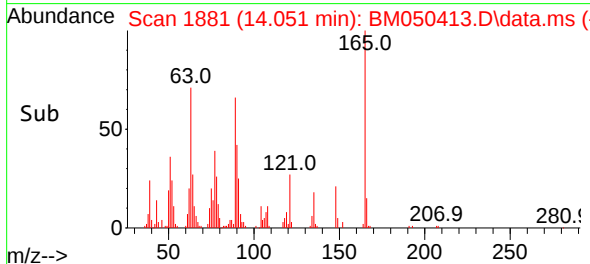
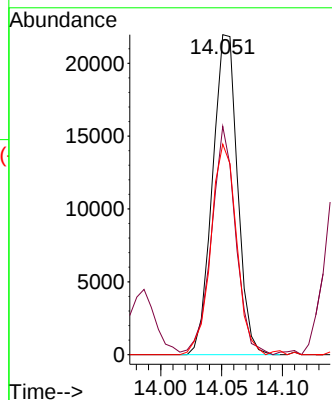
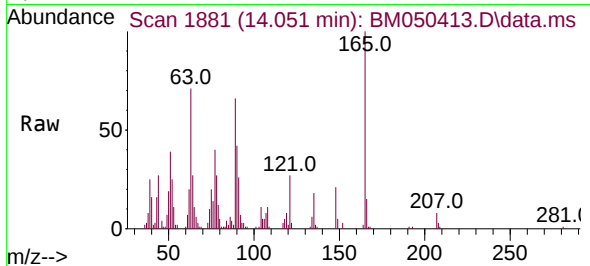
#51
2,6-Dinitrotoluene
Concen: 2.651 ng
RT: 14.051 min Scan# 1883
Delta R.T. 0.006 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

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

Tgt Ion:165 Resp: 31336
Ion Ratio Lower Upper
165 100
63 71.3 42.4 63.6
89 65.8 42.2 63.2

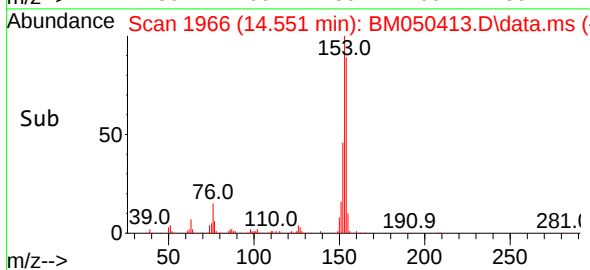
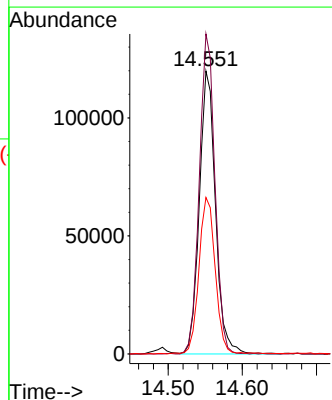
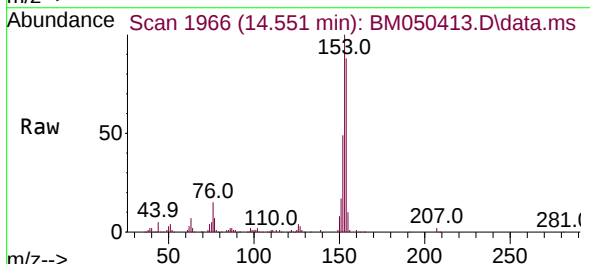
Manual Integrations
APPROVED

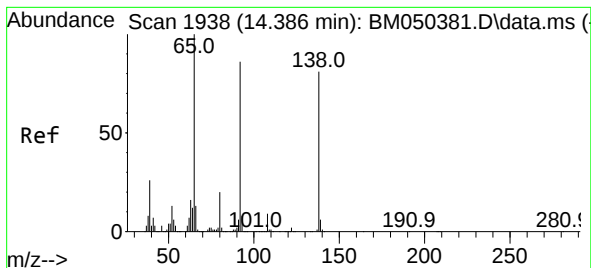
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#52
Acenaphthene
Concen: 3.575 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

Tgt Ion:154 Resp: 181719
Ion Ratio Lower Upper
154 100
153 113.1 89.2 133.8
152 55.3 42.6 64.0





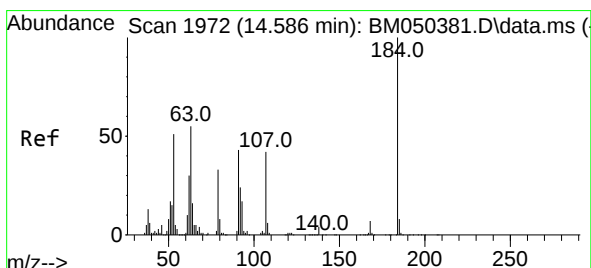
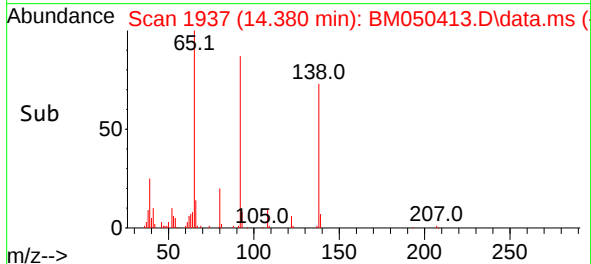
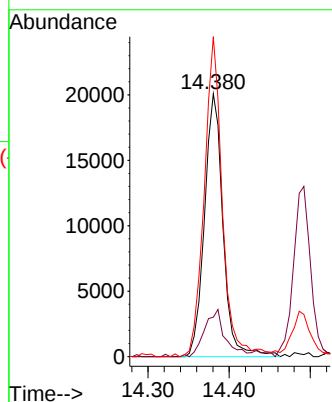
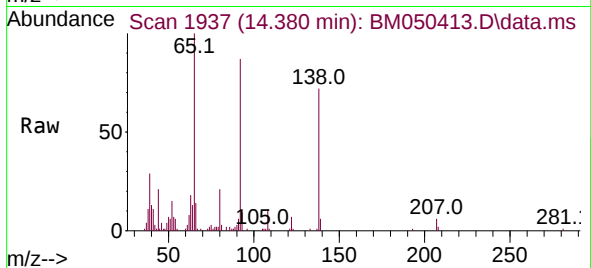
#53
3-Nitroaniline
Concen: 2.535 ng
RT: 14.380 min Scan# 1938
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

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

Tgt Ion:138 Resp: 31868
Ion Ratio Lower Upper
138 100
108 15.0 8.8 13.2
92 121.7 85.0 127.6

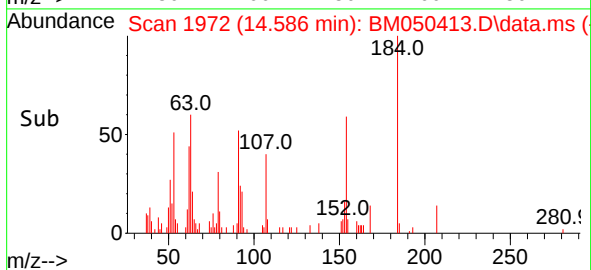
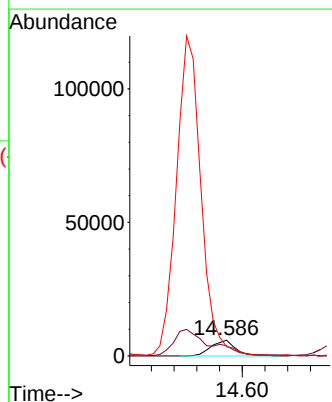
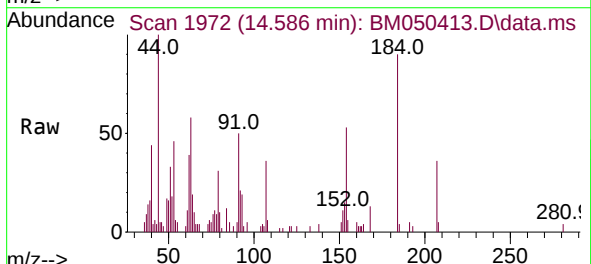
Manual Integrations
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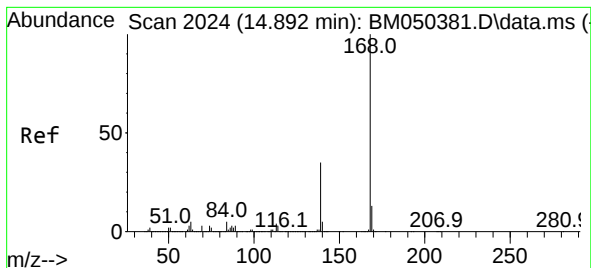
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#54
2,4-Dinitrophenol
Concen: 7.633 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

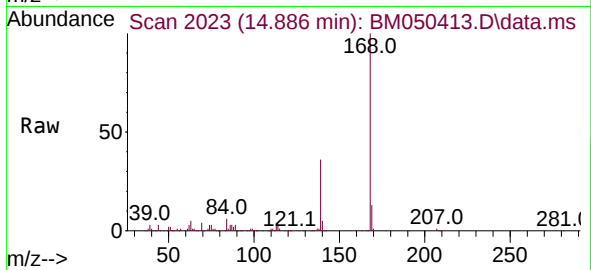
Tgt Ion:184 Resp: 8696
Ion Ratio Lower Upper
184 100
63 64.6 53.4 80.0
154 58.9 61.6 92.4





#55
Dibenzofuran
Concen: 3.705 ng
RT: 14.886 min Scan# 2024
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

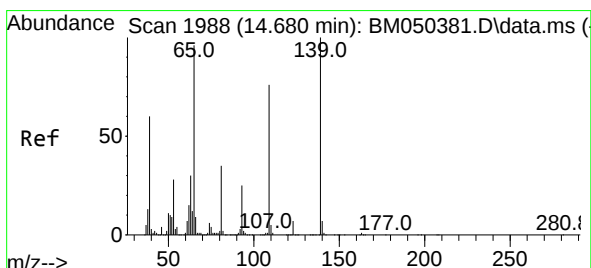
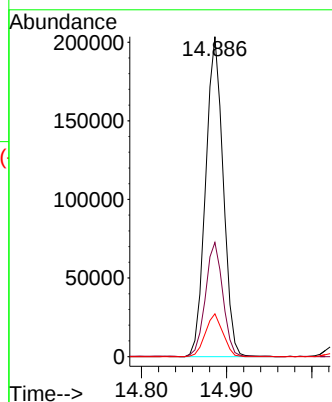
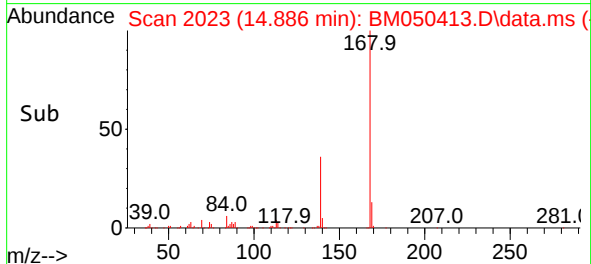
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



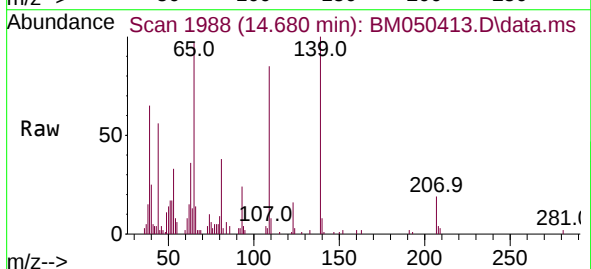
Tgt Ion:168 Resp: 290166
Ion Ratio Lower Upper
168 100
139 35.7 27.7 41.5
169 13.4 10.7 16.1

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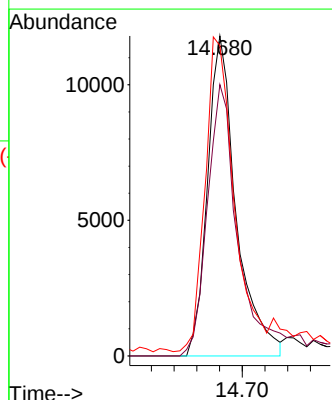
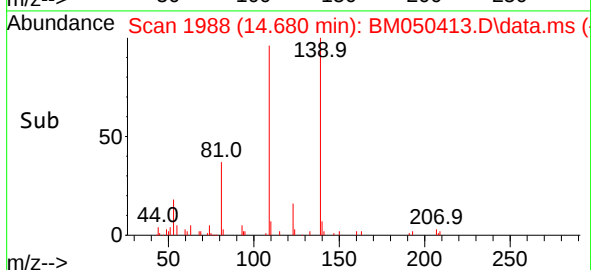
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

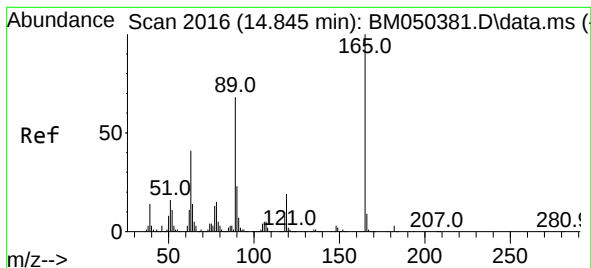


#56
4-Nitrophenol
Concen: 1.916 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



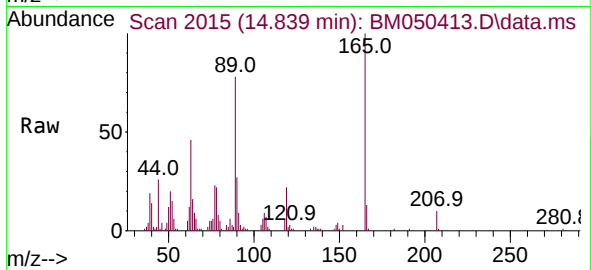
Tgt Ion:139 Resp: 20710
Ion Ratio Lower Upper
139 100
109 84.8 56.5 96.5
65 97.0 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 4.679 ng
RT: 14.839 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

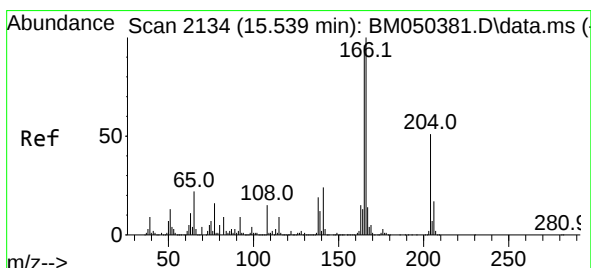
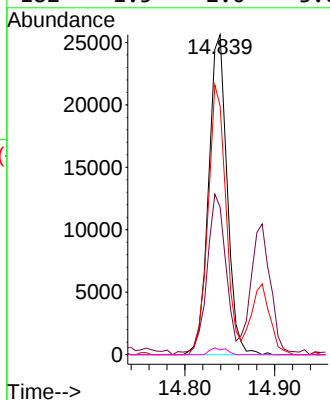
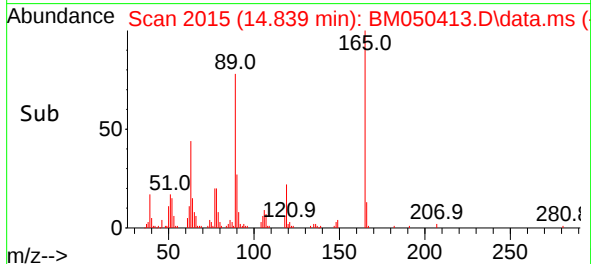
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:165 Resp: 36672
Ion Ratio Lower Upper
165 100
63 46.1 32.5 48.7
89 77.7 54.0 81.0
182 1.5 2.0 3.0#

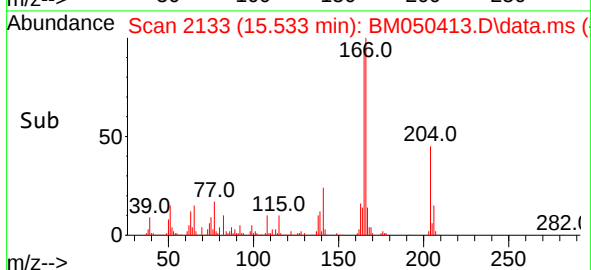
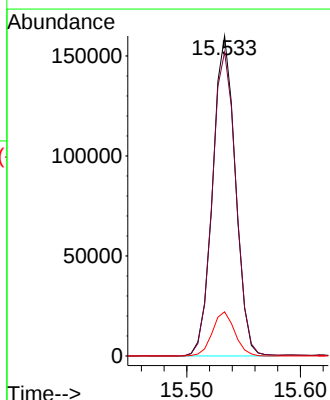
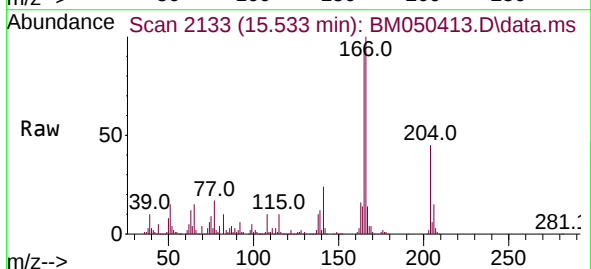
Manual Integrations
APPROVED

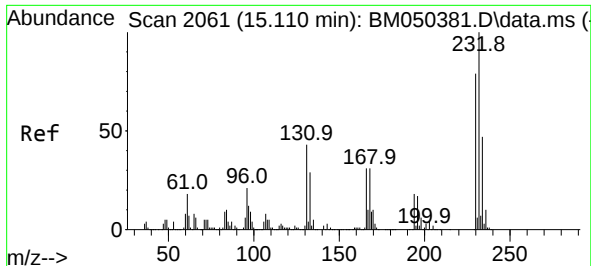
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#58
Fluorene
Concen: 3.439 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

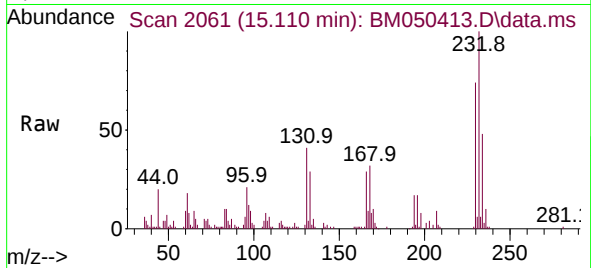
Tgt Ion:166 Resp: 221809
Ion Ratio Lower Upper
166 100
165 95.0 77.0 115.6
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.101 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

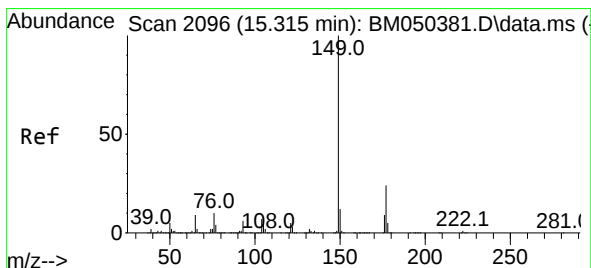
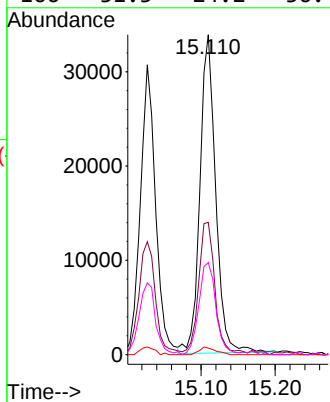
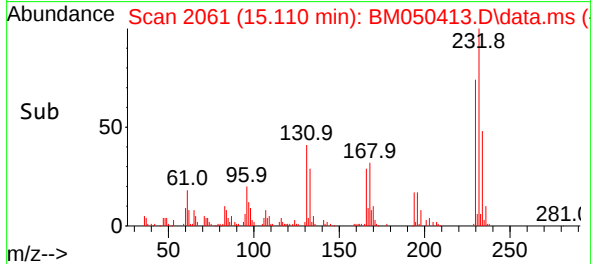
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



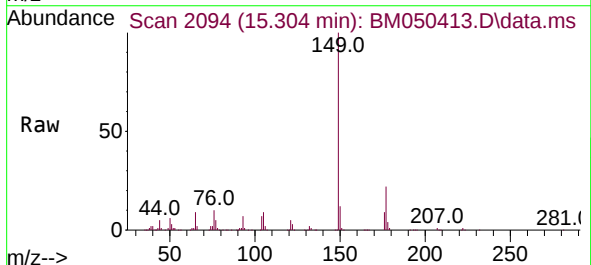
Tgt Ion:232 Resp: 49909
Ion Ratio Lower Upper
232 100
131 43.3 33.4 50.0
130 2.4 1.8 2.6
166 31.3 24.2 36.4

Manual Integrations
APPROVED

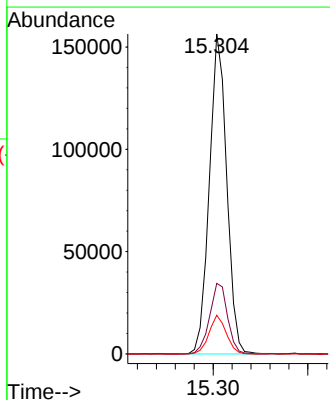
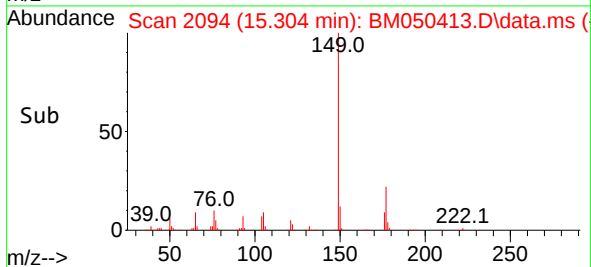
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

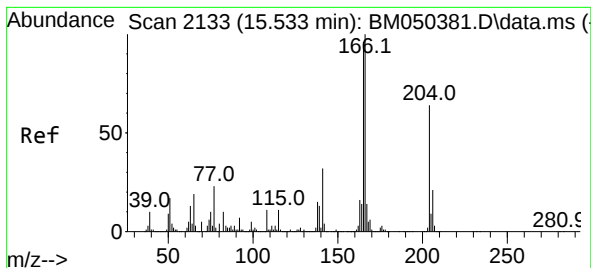


#60
Diethylphthalate
Concen: 3.383 ng
RT: 15.304 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



Tgt Ion:149 Resp: 198961
Ion Ratio Lower Upper
149 100
177 22.0 18.8 28.2
150 12.1 9.8 14.8





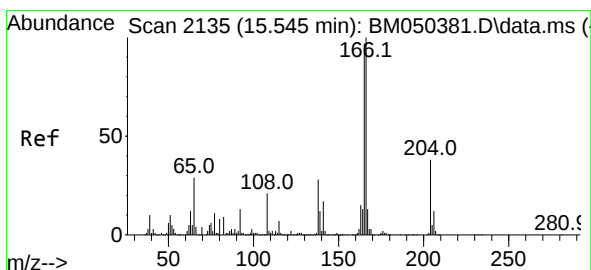
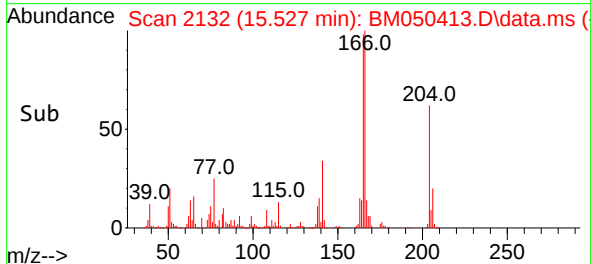
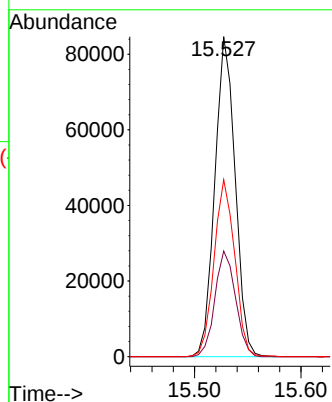
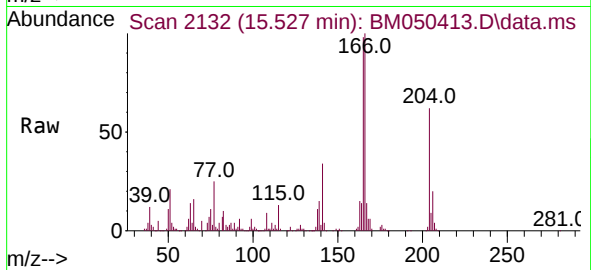
#61
4-Chlorophenyl-phenylether
Concen: 3.340 ng
RT: 15.527 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

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

Tgt Ion:204 Resp: 11264
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 55.3 39.9 59.9

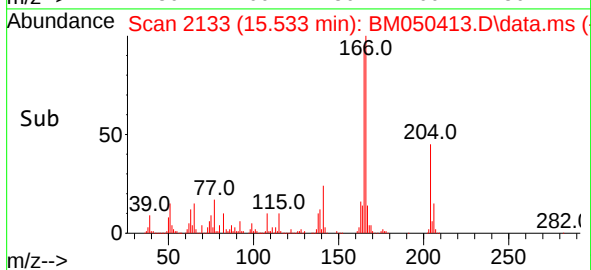
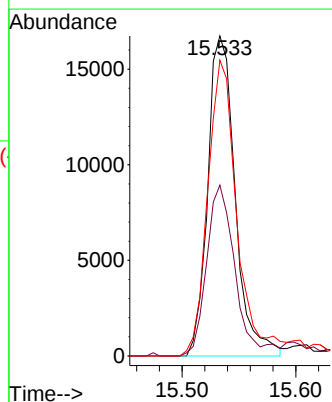
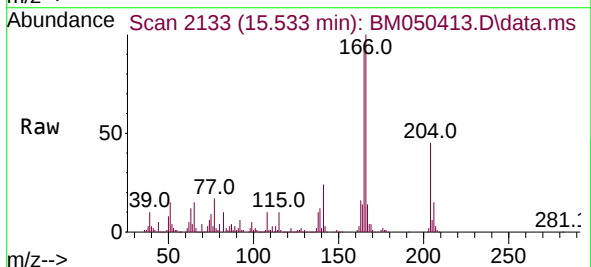
Manual Integrations
APPROVED

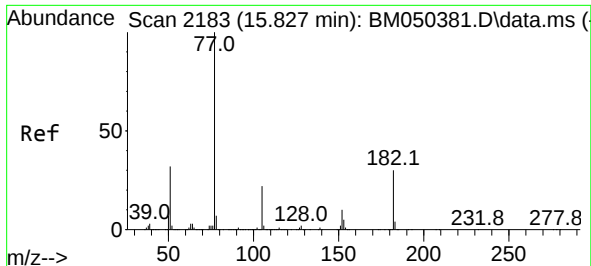
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#62
4-Nitroaniline
Concen: 4.424 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

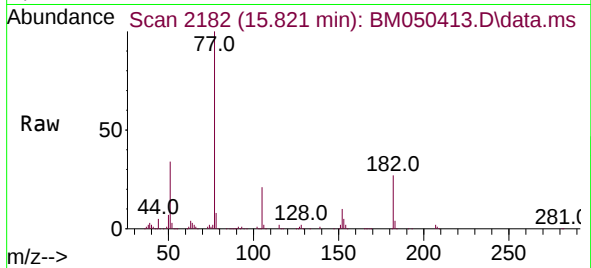
Tgt Ion:138 Resp: 28061
Ion Ratio Lower Upper
138 100
92 53.4 24.5 64.5
108 92.4 52.5 92.5





#63
Azobenzene
Concen: 3.182 ng
RT: 15.821 min Scan# 2183
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

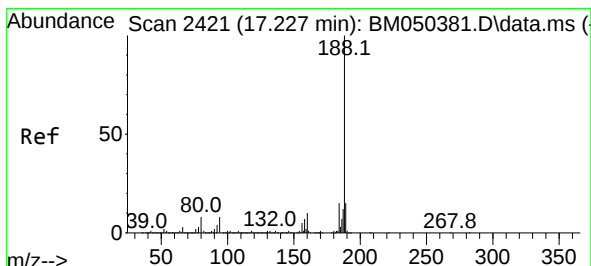
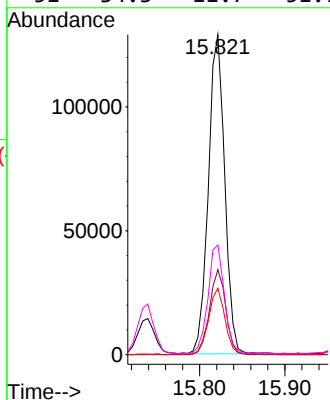
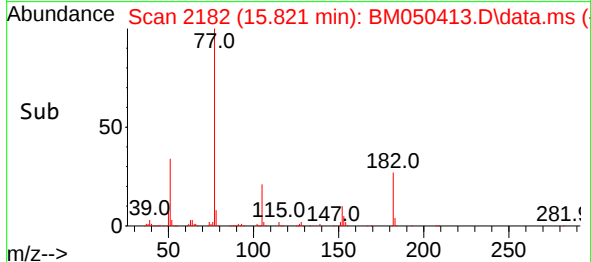
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 77 Resp: 171838
Ion Ratio Lower Upper
77 100
182 26.5 10.0 50.0
105 20.7 2.0 42.0
51 34.3 11.7 51.7

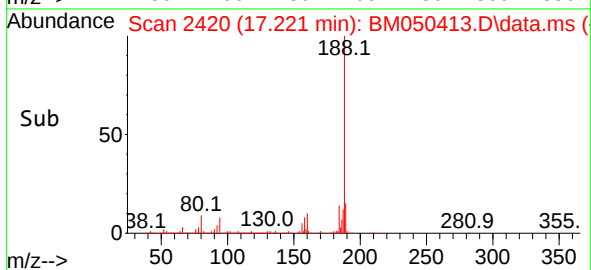
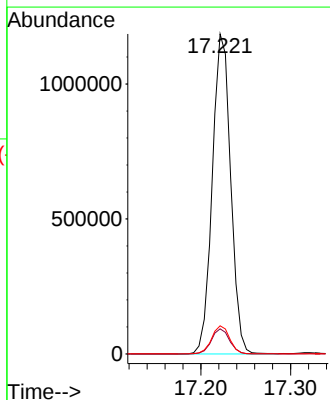
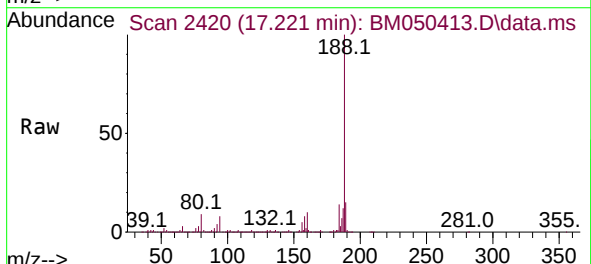
Manual Integrations
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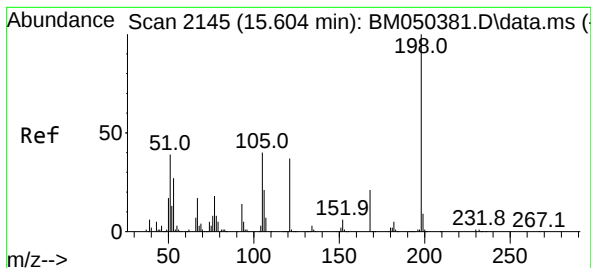
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2420
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

Tgt Ion:188 Resp: 1682048
Ion Ratio Lower Upper
188 100
94 7.8 6.0 9.0
80 8.8 6.5 9.7





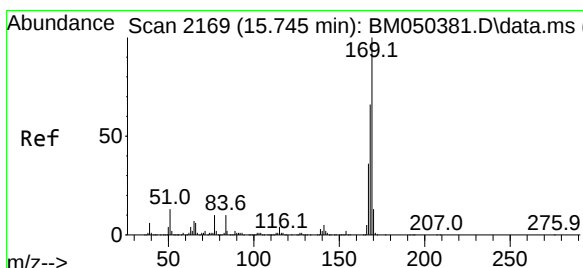
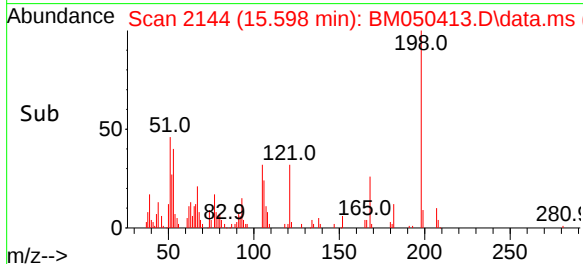
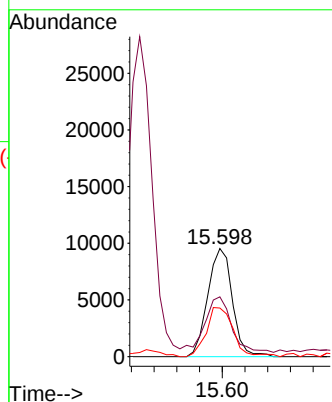
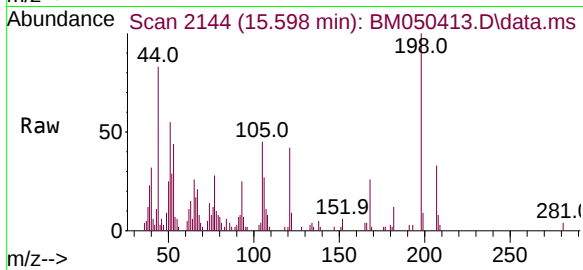
#65
4,6-Dinitro-2-methylphenol
Concen: 7.680 ng
RT: 15.598 min Scan# 2144
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

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

Tgt Ion:198 Resp: 14335
Ion Ratio Lower Upper
198 100
51 55.3 26.6 66.6
105 44.9 20.9 60.9

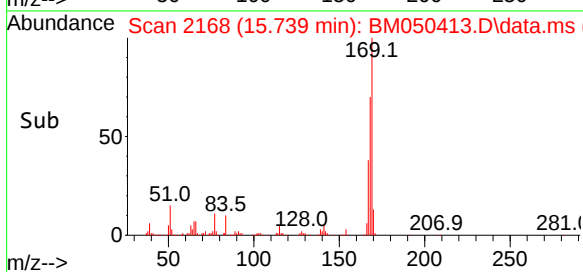
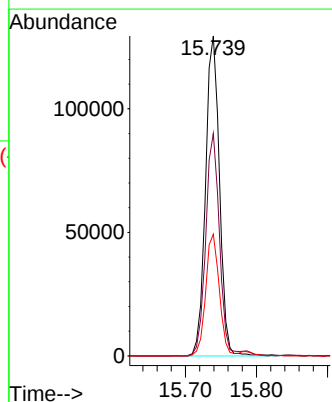
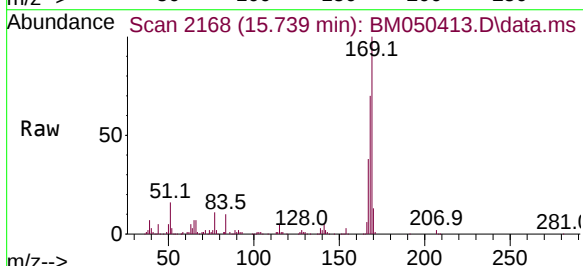
Manual Integrations
APPROVED

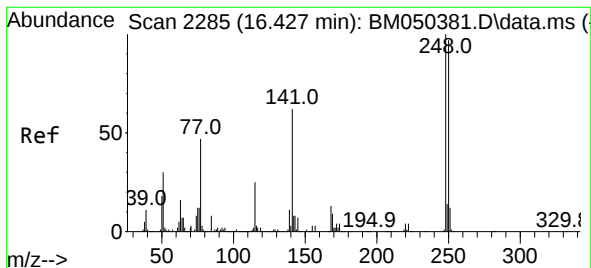
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#66
n-Nitrosodiphenylamine
Concen: 3.348 ng
RT: 15.739 min Scan# 2168
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

Tgt Ion:169 Resp: 176219
Ion Ratio Lower Upper
169 100
168 69.5 53.2 79.8
167 38.0 28.7 43.1





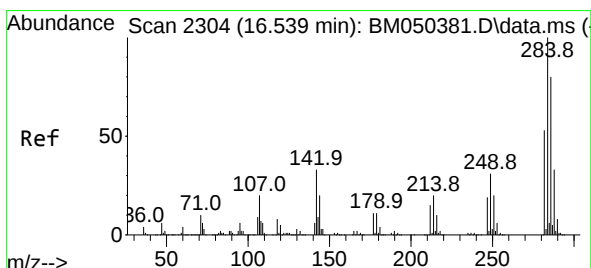
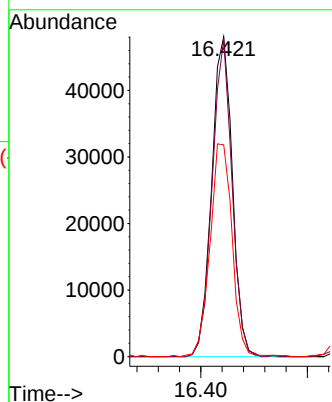
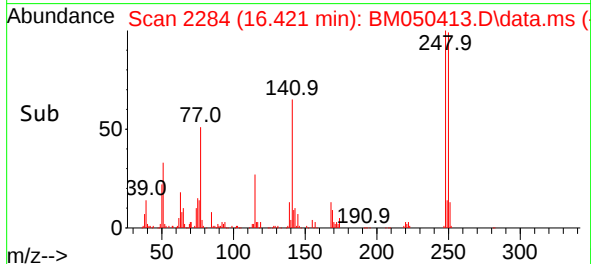
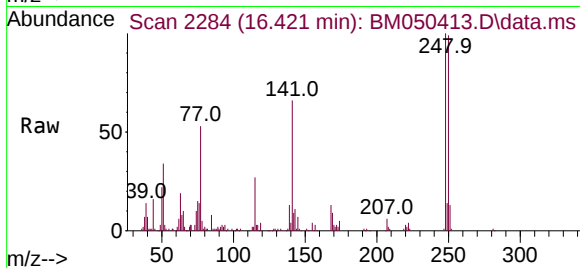
#67
4-Bromophenyl-phenylether
Concen: 3.488 ng
RT: 16.421 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

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

Tgt Ion:248 Resp: 6463
Ion Ratio Lower Upper
248 100
250 99.4 77.9 116.9
141 66.2 49.7 74.5

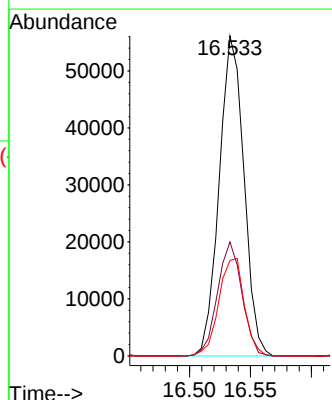
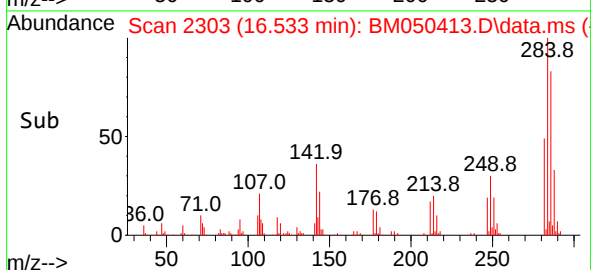
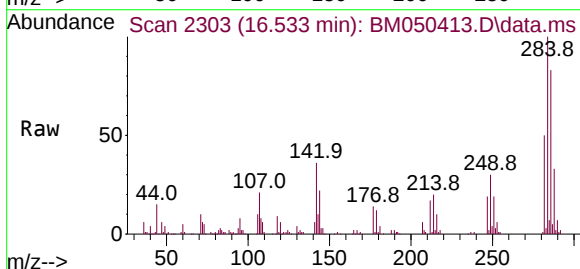
Manual Integrations
APPROVED

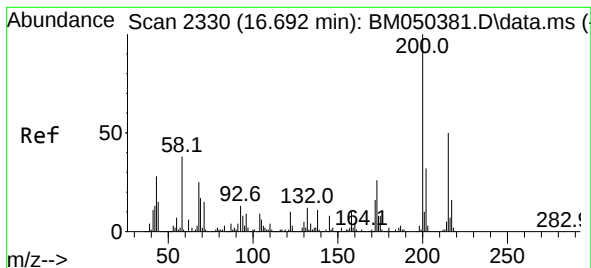
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#68
Hexachlorobenzene
Concen: 3.619 ng
RT: 16.533 min Scan# 2303
Delta R.T. 0.012 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

Tgt Ion:284 Resp: 79210
Ion Ratio Lower Upper
284 100
142 35.6 26.8 40.2
249 33.5 24.5 36.7





#69

Atrazine

Concen: 3.032 ng

RT: 16.686 min Scan# 2329

Delta R.T. 0.012 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

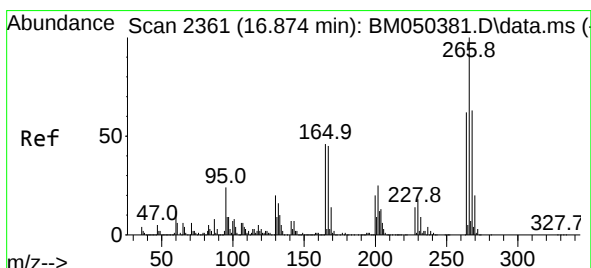
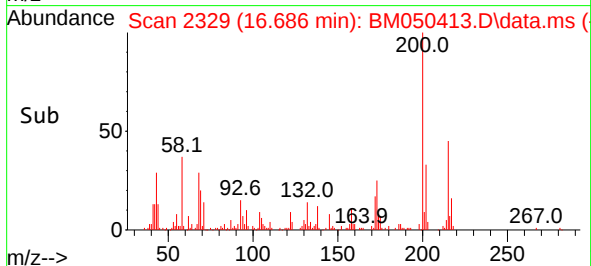
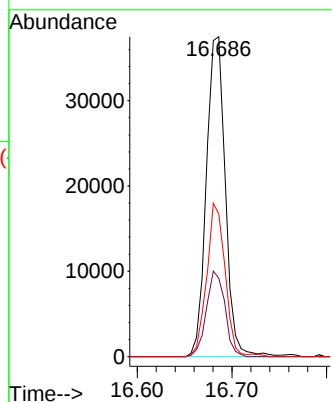
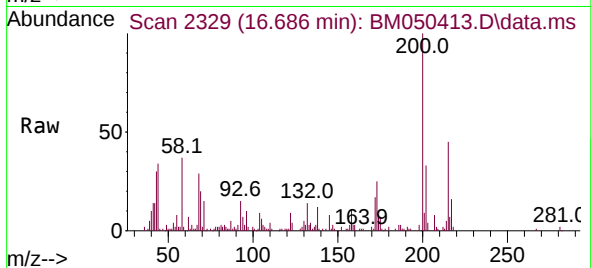
Tgt Ion:200	Resp: 52400
Ion Ratio	Lower Upper
200 100	
173 24.5	5.6 45.6
215 44.6	29.6 69.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#70

Pentachlorophenol

Concen: 2.533 ng

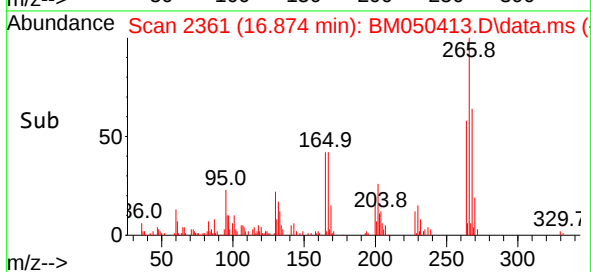
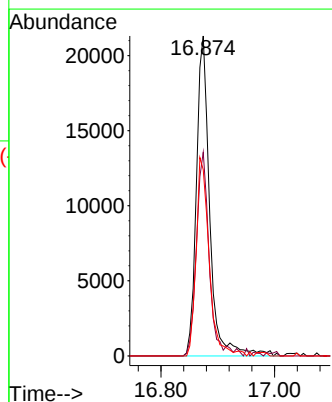
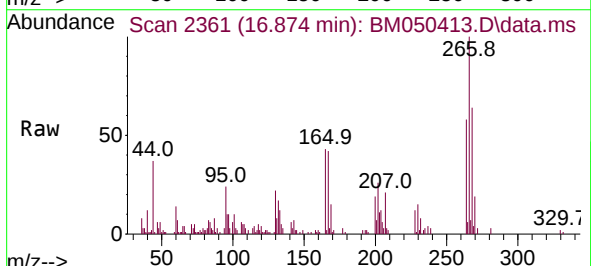
RT: 16.874 min Scan# 2361

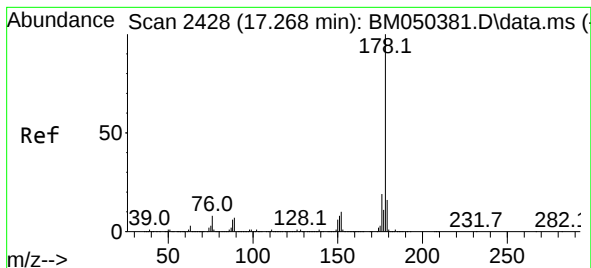
Delta R.T. 0.018 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Tgt Ion:266	Resp: 34507
Ion Ratio	Lower Upper
266 100	
268 63.6	50.5 75.7
264 64.1	49.9 74.9





#71

Phenanthrene

Concen: 3.693 ng

RT: 17.263 min Scan# 2427

Delta R.T. 0.012 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:178 Resp: 351507

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

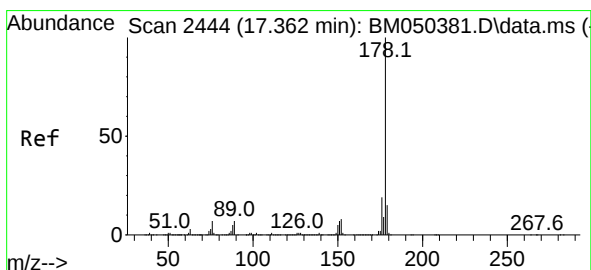
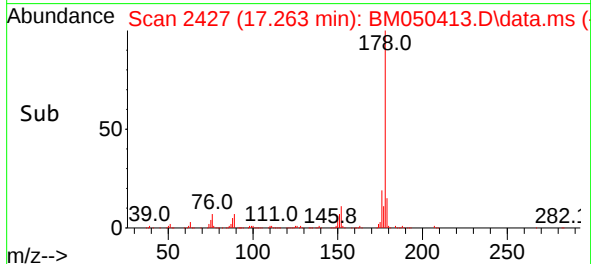
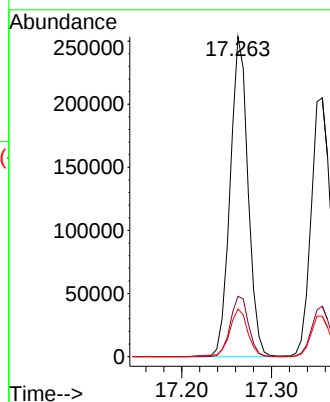
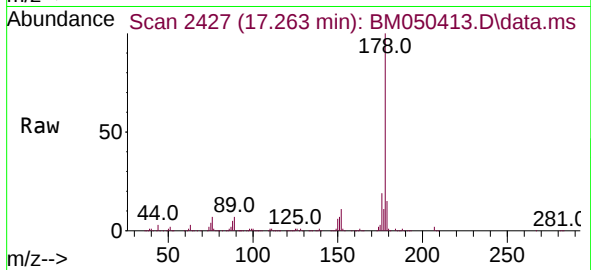
179 14.9 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#72

Anthracene

Concen: 3.291 ng

RT: 17.357 min Scan# 2443

Delta R.T. 0.018 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

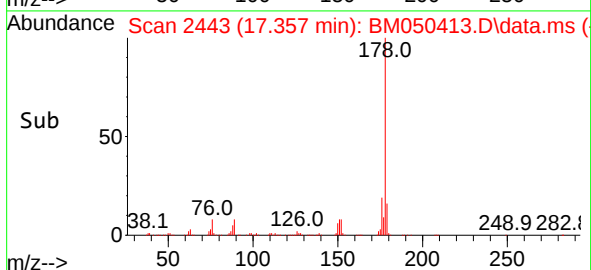
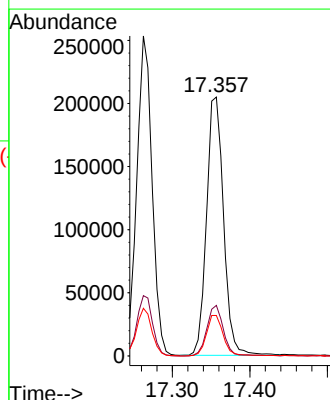
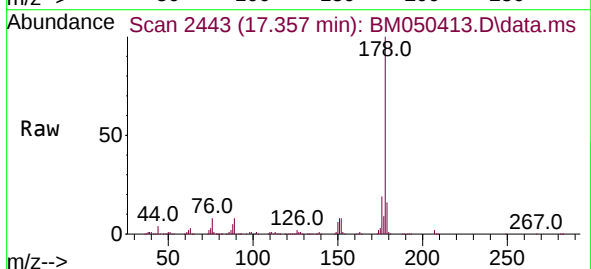
Tgt Ion:178 Resp: 311840

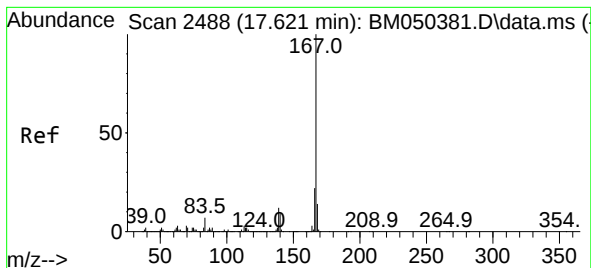
Ion Ratio Lower Upper

178 100

176 19.5 14.9 22.3

179 15.6 12.2 18.4





#73

Carbazole

Concen: 3.262 ng

RT: 17.615 min Scan# 24

Delta R.T. 0.012 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:167 Resp: 279604

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

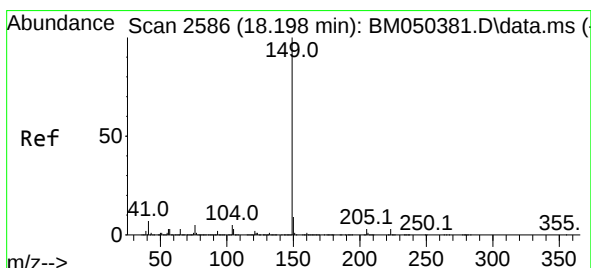
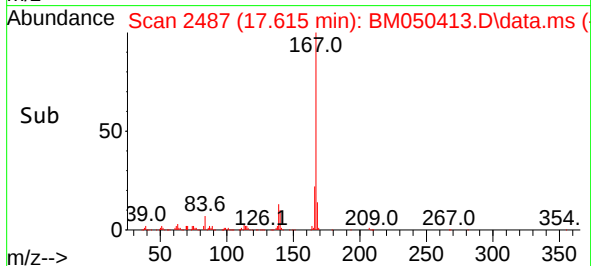
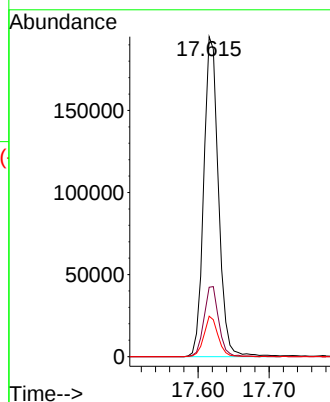
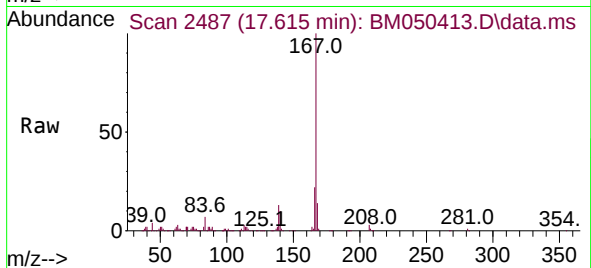
139 12.6 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#74

Di-n-butylphthalate

Concen: 2.856 ng

RT: 18.192 min Scan# 2585

Delta R.T. 0.018 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

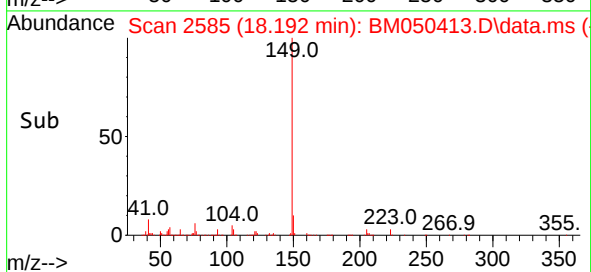
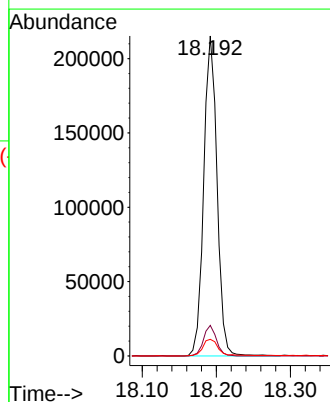
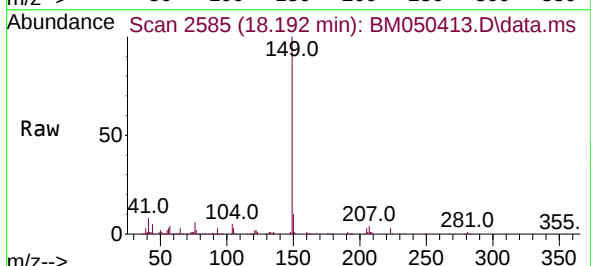
Tgt Ion:149 Resp: 267950

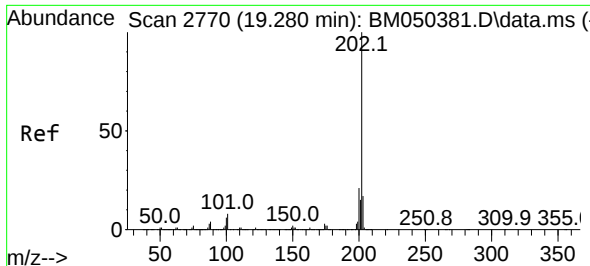
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

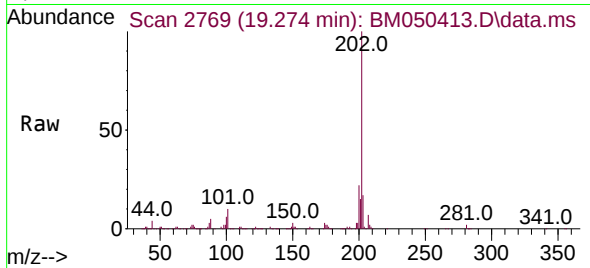
104 5.2 3.9 5.9





#75
Fluoranthene
Concen: 3.154 ng
RT: 19.274 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

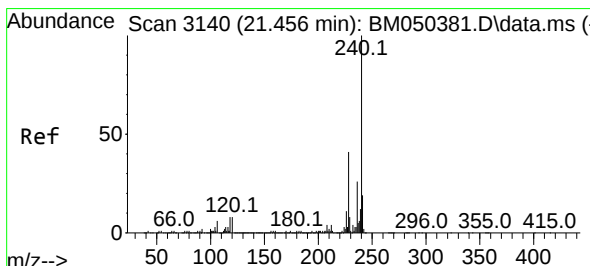
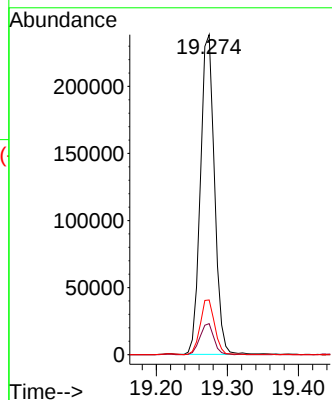
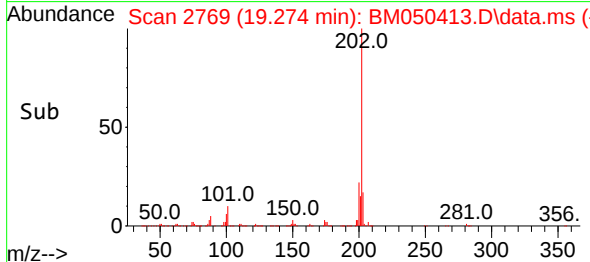
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:202 Resp: 32636
Ion Ratio Lower Upper
202 100
101 9.7 0.0 28.3
203 17.1 0.0 37.2

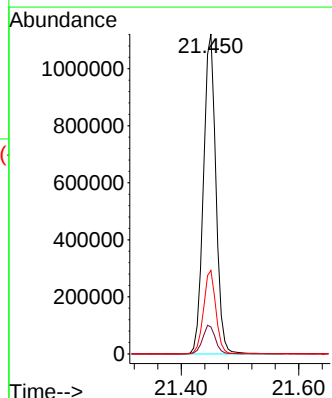
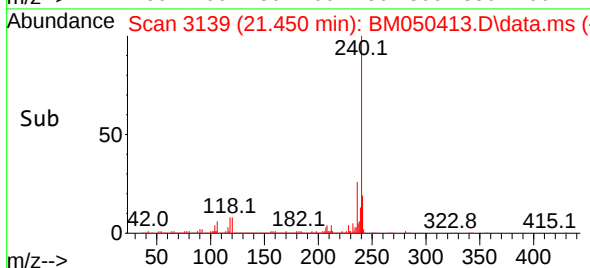
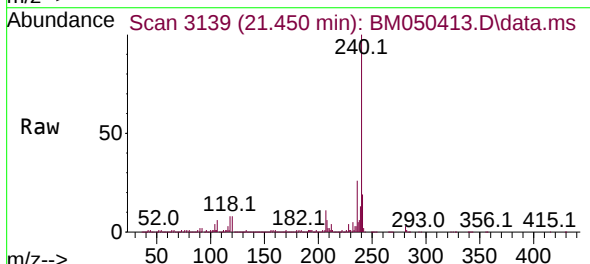
Manual Integrations
APPROVED

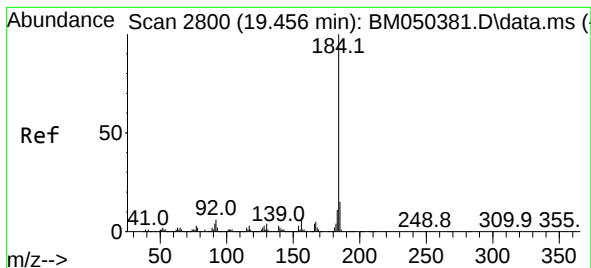
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

Tgt Ion:240 Resp: 1647315
Ion Ratio Lower Upper
240 100
120 8.4 6.7 10.1
236 26.1 20.7 31.1





#77

Benzidine

Concen: 2.229 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

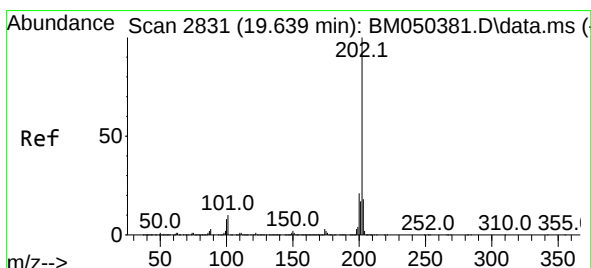
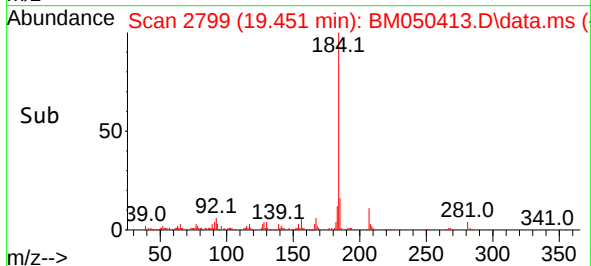
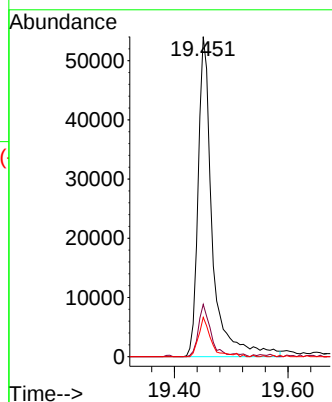
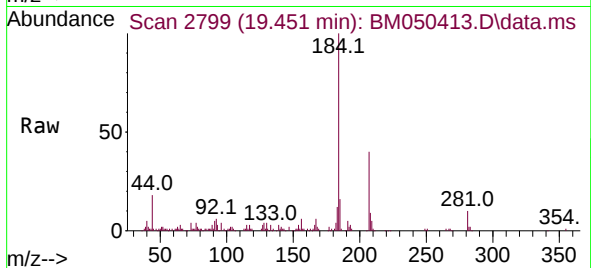
Tgt Ion:184 Resp: 9363
 Ion Ratio Lower Upper
 184 100
 185 16.3 11.7 17.5
 183 12.3 9.0 13.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#78

Pyrene

Concen: 3.333 ng

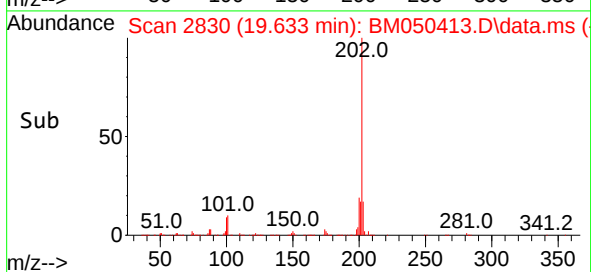
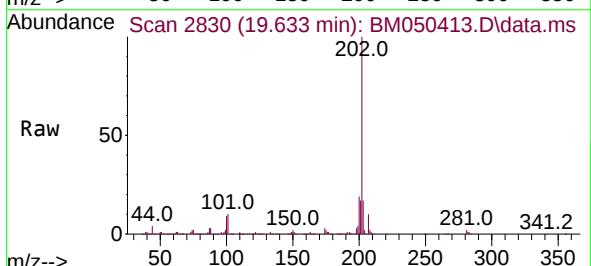
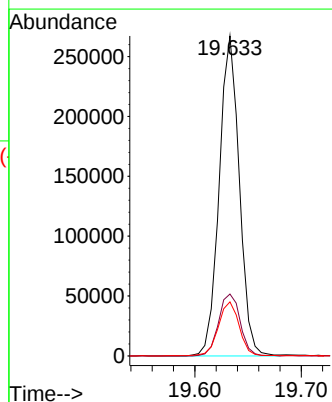
RT: 19.633 min Scan# 2830

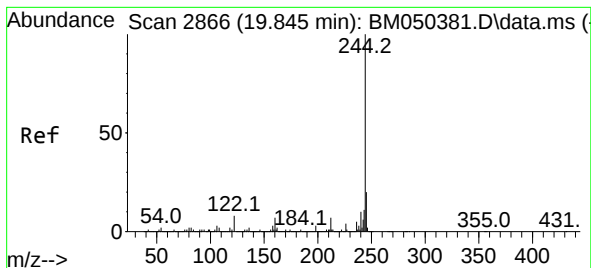
Delta R.T. 0.018 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Tgt Ion:202 Resp: 351640
 Ion Ratio Lower Upper
 202 100
 200 19.3 16.9 25.3
 203 16.9 14.1 21.1





#79

Terphenyl-d14

Concen: 100.516 ng

RT: 19.839 min Scan# 2866

Delta R.T. 0.018 min

Lab File: BM050413.D

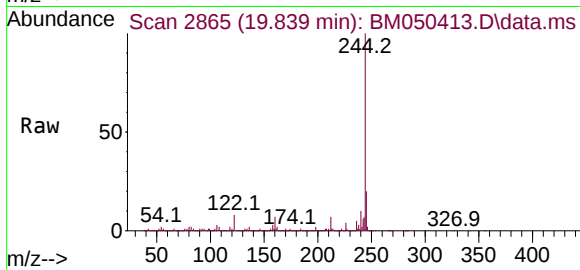
Acq: 11 Jul 2025 15:03

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:244 Resp: 9410930

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

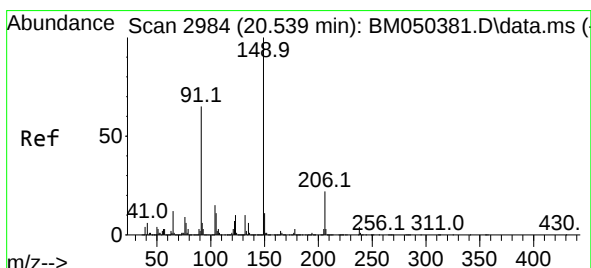
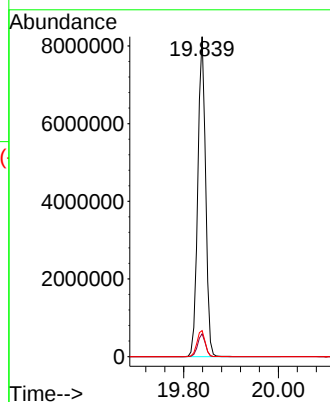
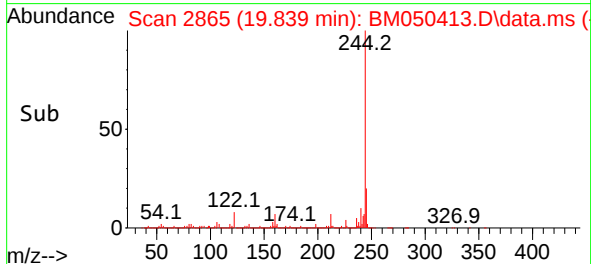
122 8.1 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#80

Butylbenzylphthalate

Concen: 2.602 ng

RT: 20.533 min Scan# 2983

Delta R.T. 0.018 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

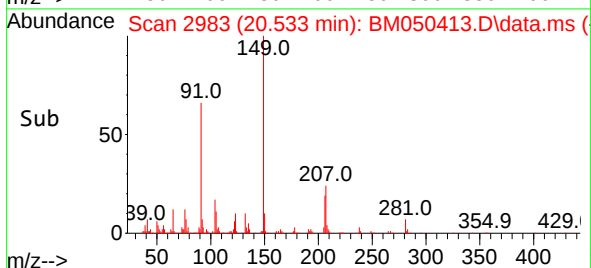
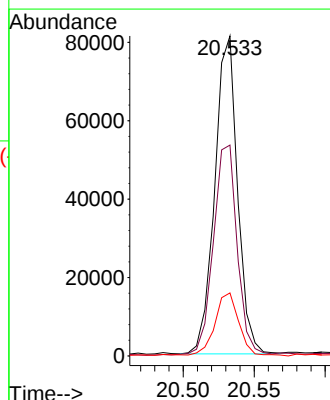
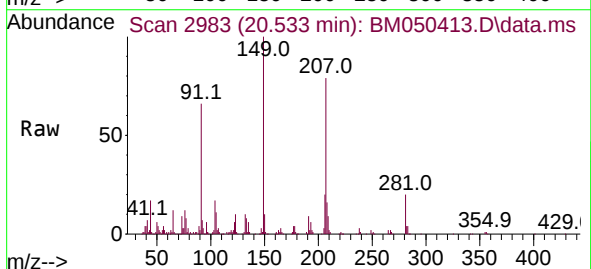
Tgt Ion:149 Resp: 90513

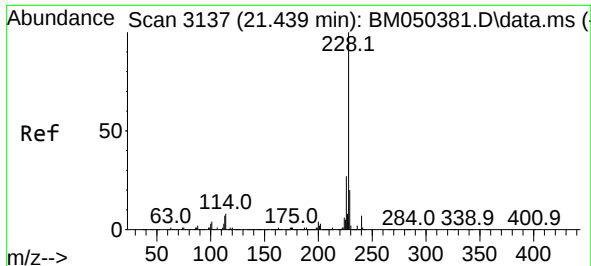
Ion Ratio Lower Upper

149 100

91 65.9 51.6 77.4

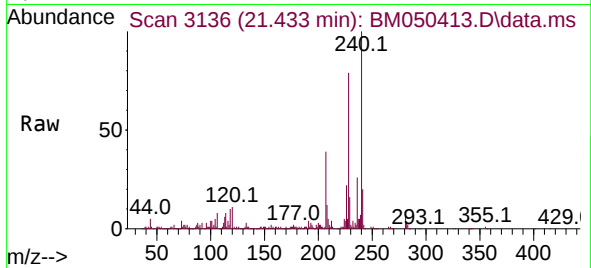
206 19.7 17.8 26.8





#81
Benzo(a)anthracene
Concen: 3.455 ng
RT: 21.433 min Scan# 3137
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

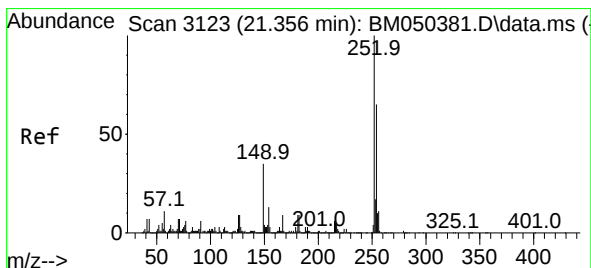
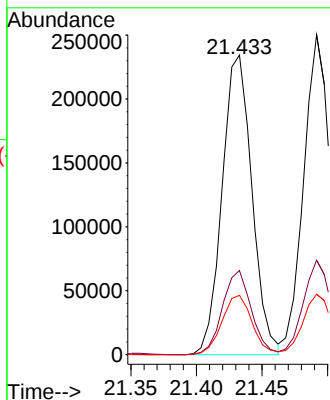
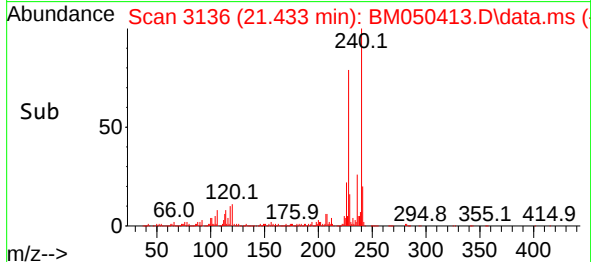
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:228 Resp: 370876
Ion Ratio Lower Upper
228 100
226 28.1 21.8 32.8
229 19.8 16.0 24.0

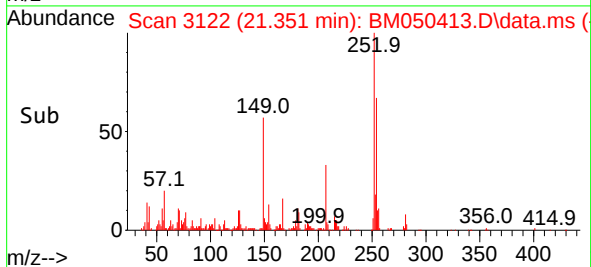
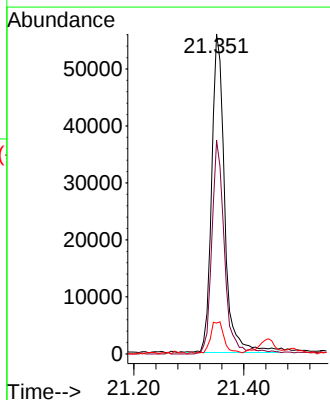
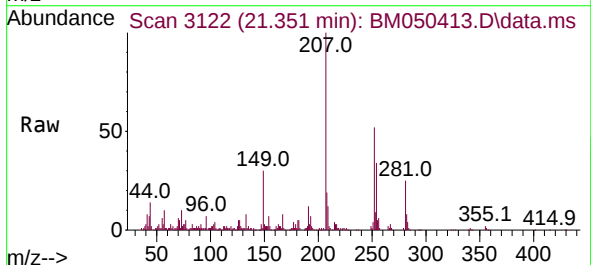
Manual Integrations
APPROVED

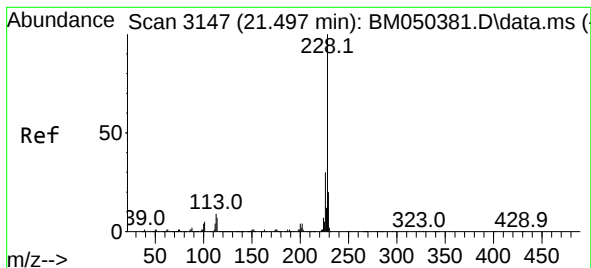
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 2.530 ng
RT: 21.351 min Scan# 3122
Delta R.T. 0.018 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

Tgt Ion:252 Resp: 91572
Ion Ratio Lower Upper
252 100
254 66.7 51.7 77.5
126 9.6 7.3 10.9





#83

Chrysene

Concen: 3.606 ng

RT: 21.492 min Scan# 3147

Delta R.T. 0.012 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

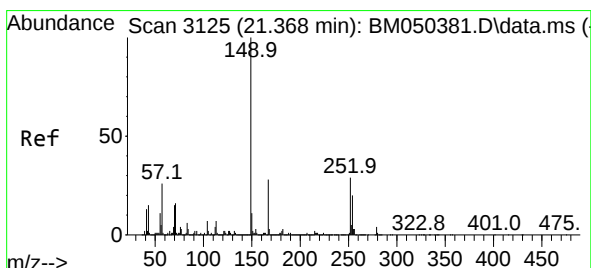
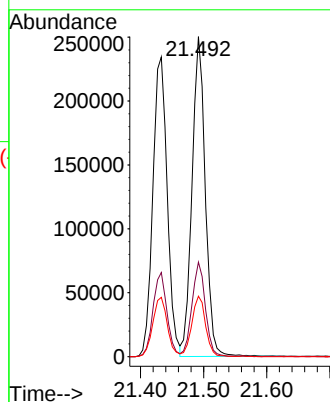
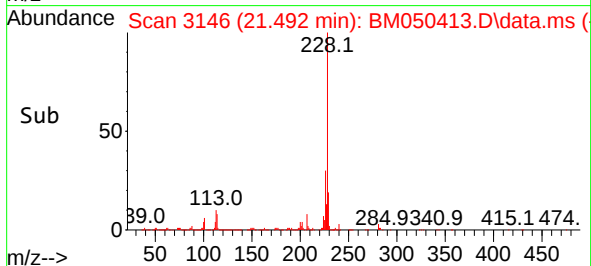
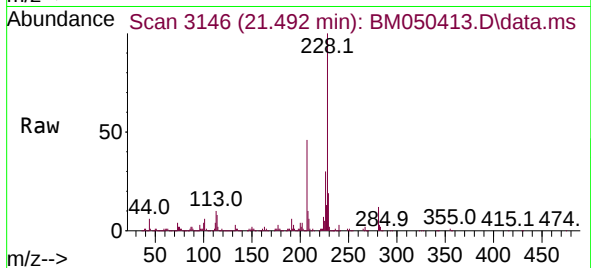
Tgt Ion:	228	Resp:	36506
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.2	36.4
229	18.9	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.599 ng

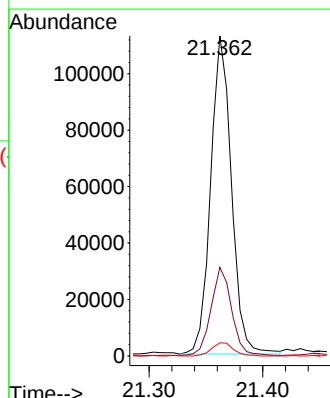
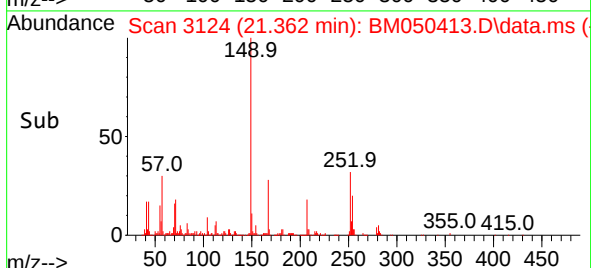
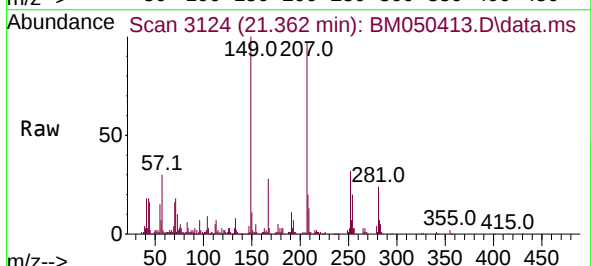
RT: 21.362 min Scan# 3124

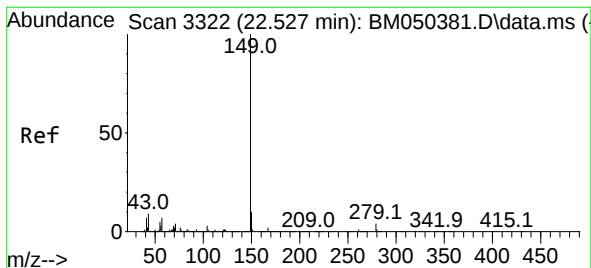
Delta R.T. 0.024 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

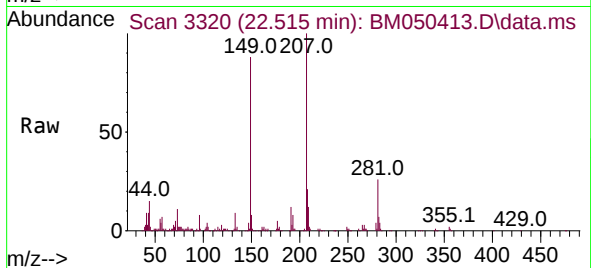
Tgt Ion:	149	Resp:	143552
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.7	34.1
279	4.1	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 2.029 ng
RT: 22.515 min Scan# 3322
Delta R.T. 0.030 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03

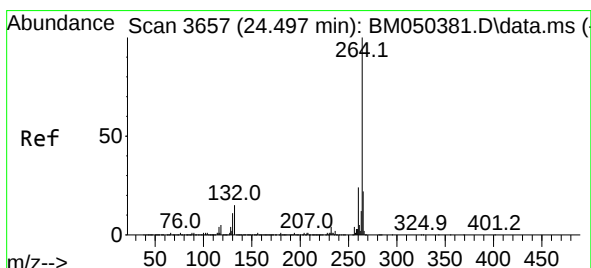
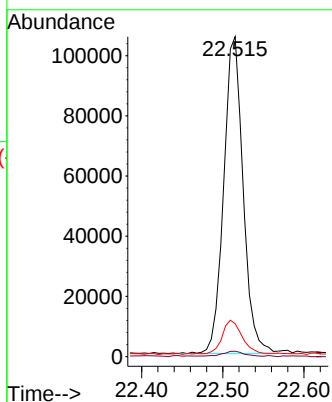
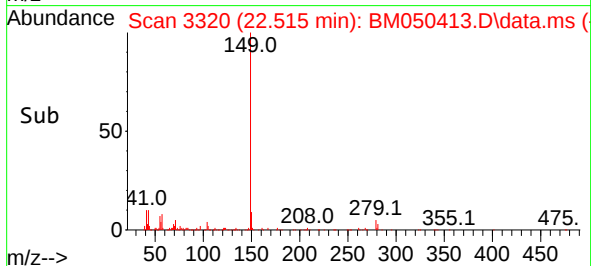
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



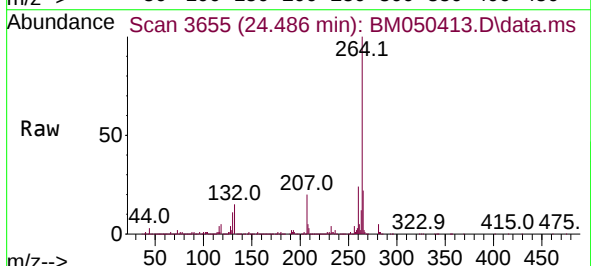
Tgt Ion:149 Resp: 175482
Ion Ratio Lower Upper
149 100
167 2.0 1.3 1.9
43 11.8 7.7 11.5

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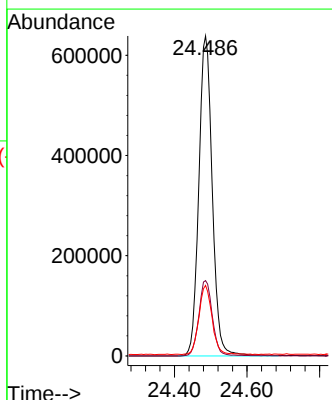
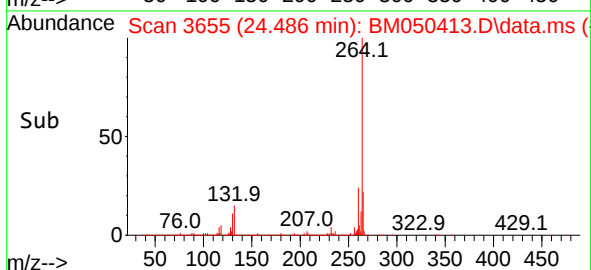
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

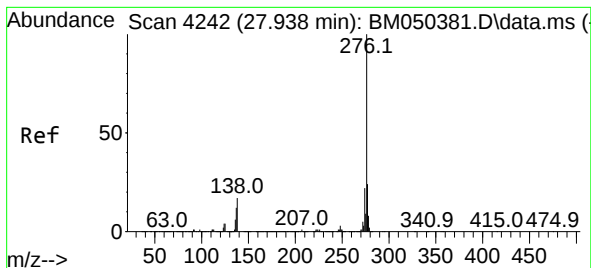


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.486 min Scan# 3655
Delta R.T. 0.030 min
Lab File: BM050413.D
Acq: 11 Jul 2025 15:03



Tgt Ion:264 Resp: 1640756
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.177 ng

RT: 27.921 min Scan# 4239

Delta R.T. 0.041 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

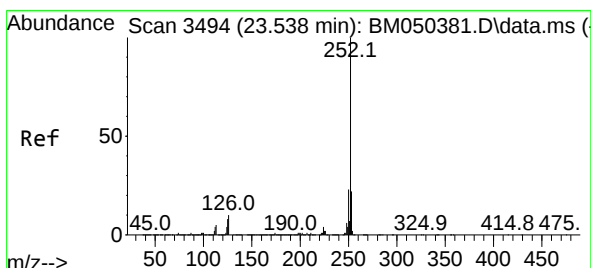
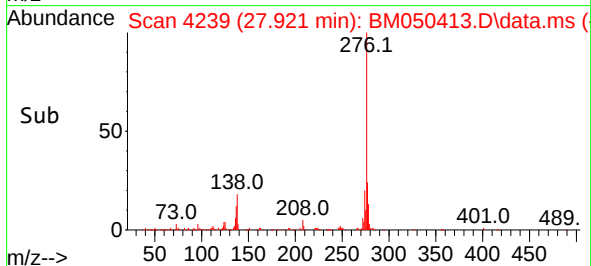
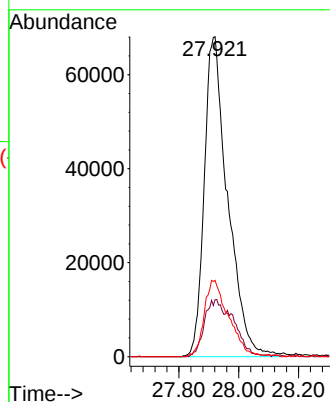
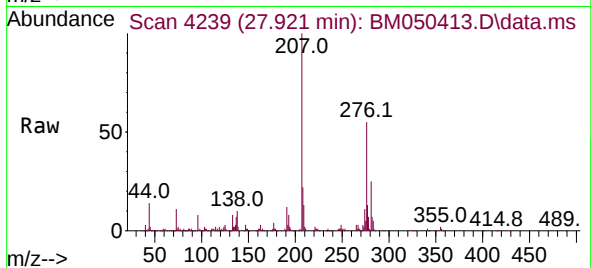
Tgt Ion:276 Resp: 370631
 Ion Ratio Lower Upper
 276 100
 138 14.5 17.0 25.6
 277 24.8 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#88

Benzo(b)fluoranthene

Concen: 3.268 ng m

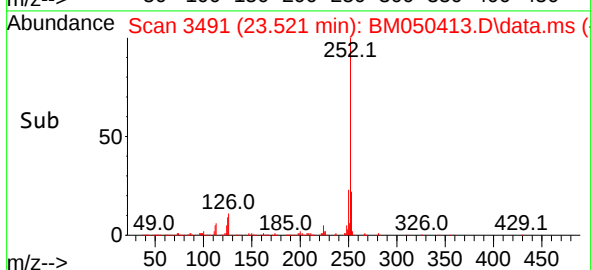
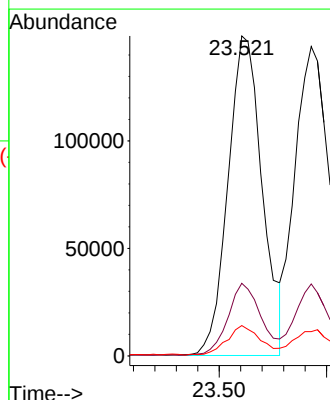
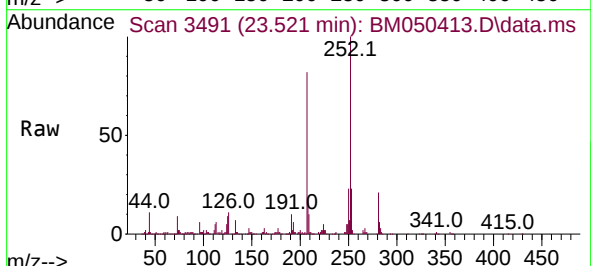
RT: 23.521 min Scan# 3491

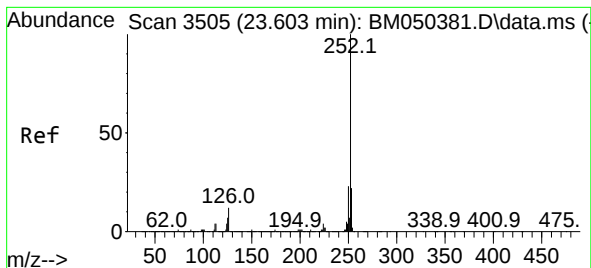
Delta R.T. 0.018 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Tgt Ion:252 Resp: 329855
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.8 26.6
 125 9.5 6.3 9.5#





#89

Benzo(k)fluoranthene

Concen: 3.142 ng

RT: 23.586 min Scan# 3505

Delta R.T. 0.018 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:252 Resp: 329086

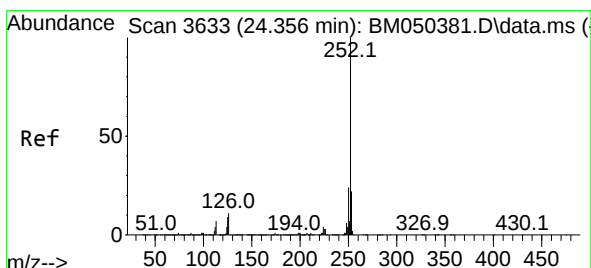
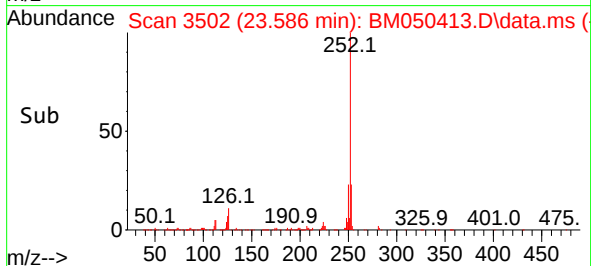
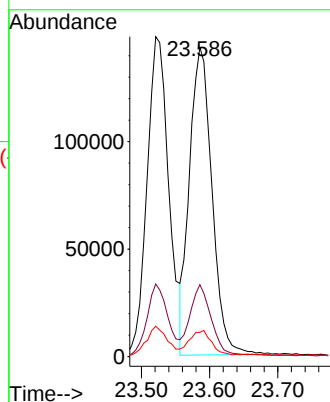
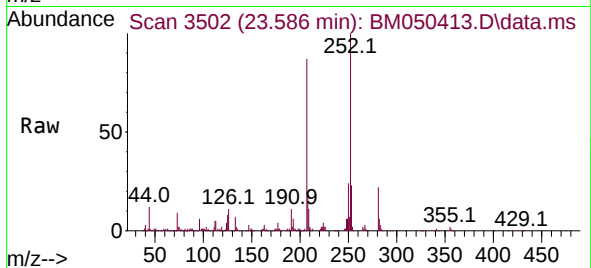
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	7.8	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#90

Benzo(a)pyrene

Concen: 2.978 ng

RT: 24.339 min Scan# 3630

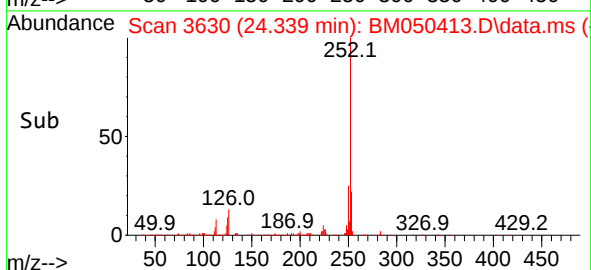
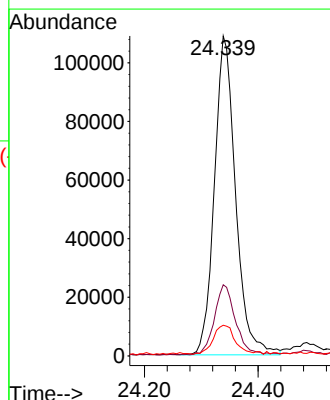
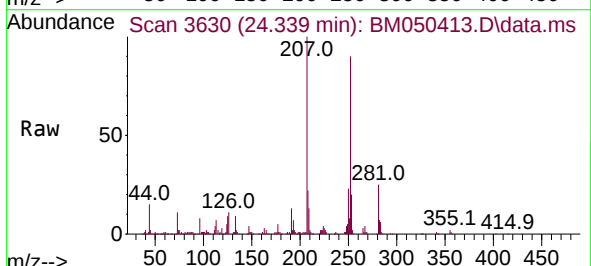
Delta R.T. 0.024 min

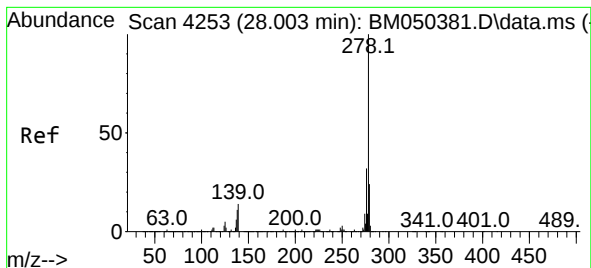
Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Tgt Ion:252 Resp: 281318

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.6	7.0	10.4





#91

Dibenzo(a,h)anthracene

Concen: 3.197 ng

RT: 27.979 min Scan# 4418

Delta R.T. 0.036 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:278 Resp: 314063

Ion Ratio Lower Upper

278 100

139 14.2 10.8 16.2

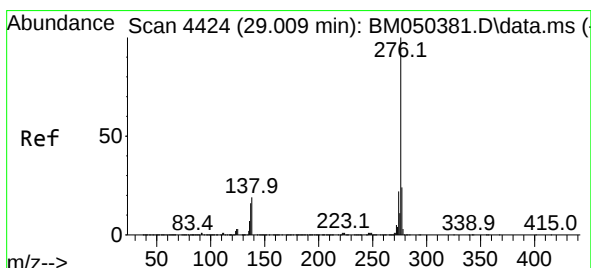
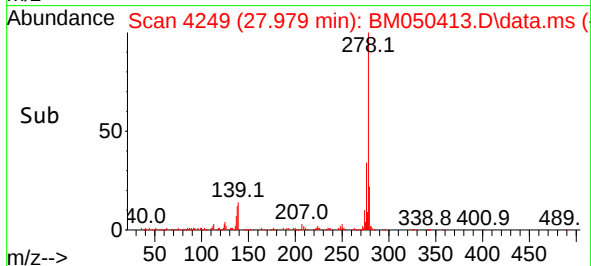
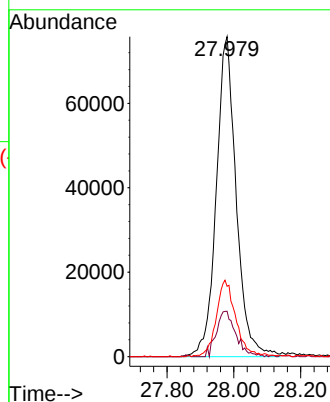
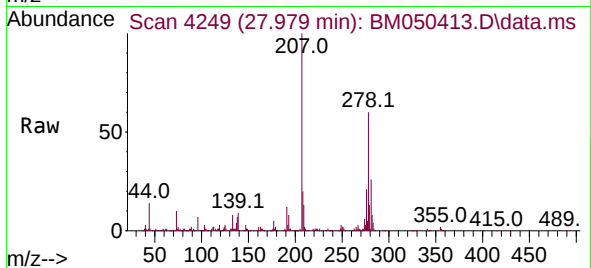
279 22.0 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#92

Benzo(g,h,i)perylene

Concen: 3.269 ng

RT: 28.974 min Scan# 4418

Delta R.T. 0.030 min

Lab File: BM050413.D

Acq: 11 Jul 2025 15:03

Tgt Ion:276 Resp: 303580

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 19.9 14.9 22.3

