

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049580.D
 Acq On : 06 Feb 2025 13:58
 Operator : RC/JU
 Sample : Q1168-08
 Misc : LOQ-WATER 5PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Manual Integrations
 APPROVED

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

Quant Time: Feb 06 14:34:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 11:55:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	154595	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	572019	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	349935	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	669000	20.000	ng	0.00
76) Chrysene-d12	21.444	240	553105	20.000	ng	0.00
86) Perylene-d12	24.474	264	466247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1398957	145.519	ng	0.00
7) Phenol-d6	6.981	99	1818797	144.406	ng	0.00
23) Nitrobenzene-d5	8.975	82	1211207	108.915	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	591623	142.682	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	2966849	109.832	ng	0.00
79) Terphenyl-d14	19.833	244	4691021	129.512	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.598	42	52743	10.036	ng	Qvalue
9) Benzaldehyde	6.957	77	97240	14.581	ng	# 95
15) Benzyl Alcohol	8.057	79	72637	8.290	ng	92
20) 3+4-Methylphenols	8.580	107	86840	8.672	ng	96
32) Benzoic acid	9.833	122	13355m	9.154	ng	
35) Caprolactam	11.510	113	17634	6.619	ng	99
41) Hexachlorocyclopentadiene	12.645	237	21229	7.228	ng	90
54) 2,4-Dinitrophenol	14.551	184	4530	8.943	ng	# 65
56) 4-Nitrophenol	14.645	139	18455	4.945	ng	94
65) 4,6-Dinitro-2-methylph...	15.574	198	7251	9.080	ng	85
70) Pentachlorophenol	16.851	266	22588	11.103	ng	95
77) Benzidine	19.444	184	49261	10.057	ng	99
85) Di-n-octyl phthalate	22.538	149	139474	4.002	ng	# 88

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

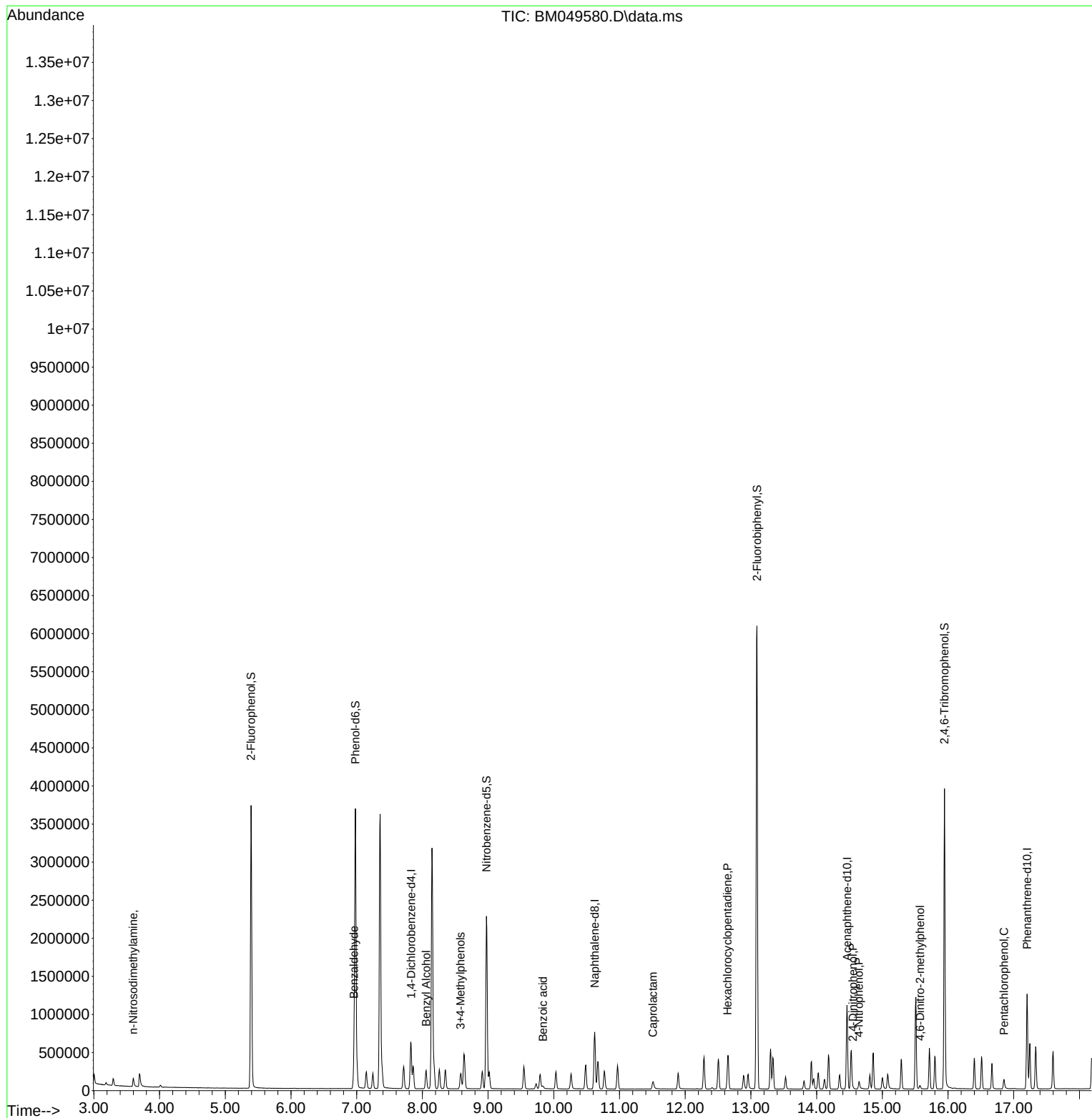
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
Data File : BM049580.D
Acq On : 06 Feb 2025 13:58
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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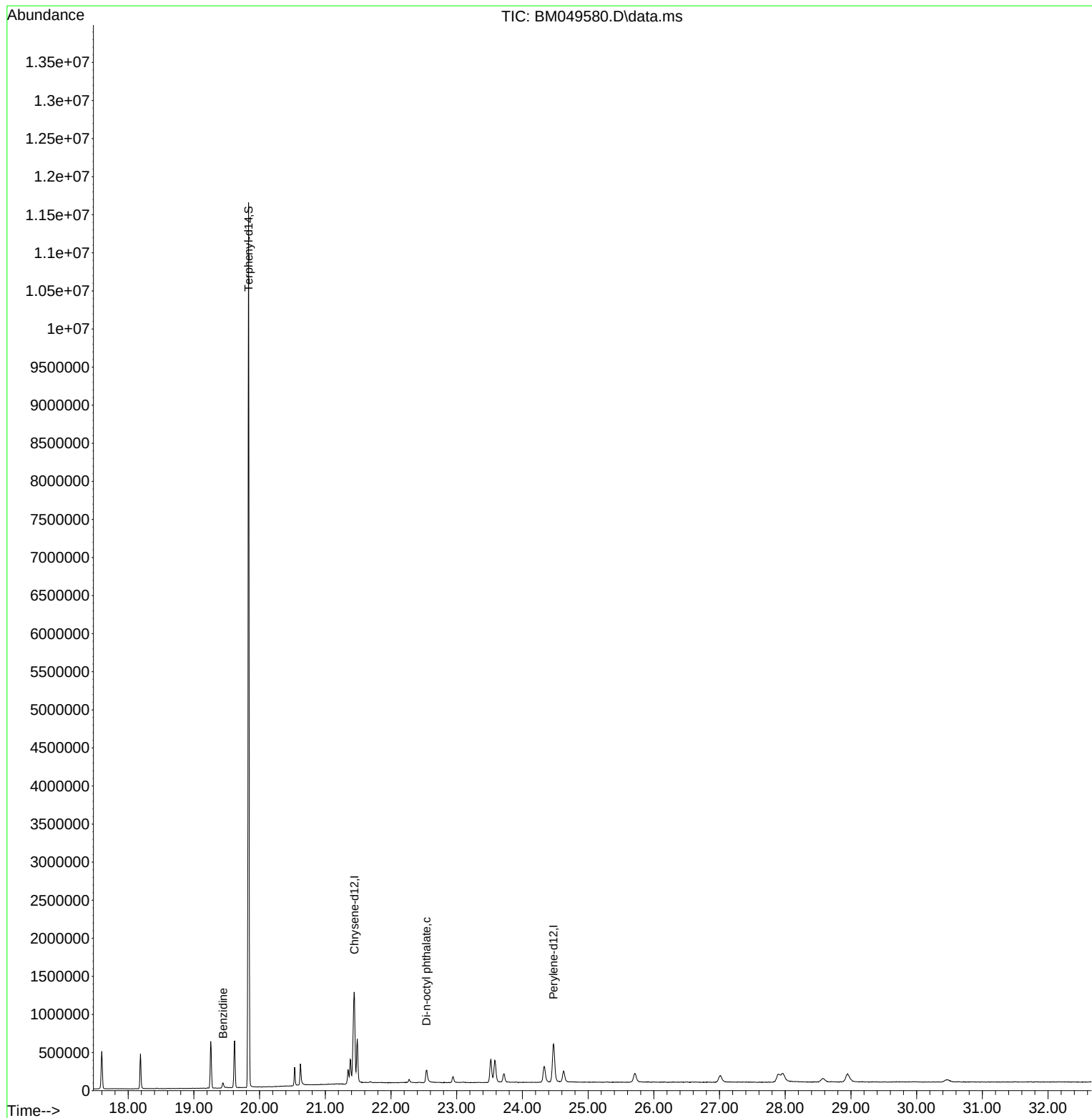
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Data File : BM049580.D
Acq On : 06 Feb 2025 13:58
Operator : RC/JU
Sample : Q1168-08
Misc : LOQ-WATER 5PPM
ALS Vial : 7 Sample Multiplier: 1

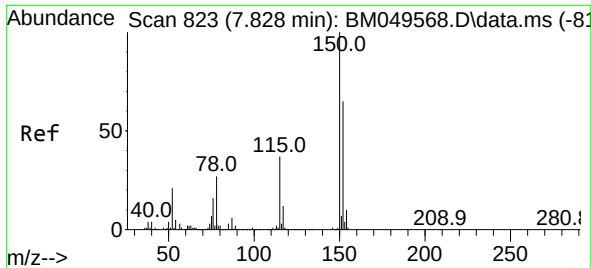
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

Quant Time: Feb 06 14:34:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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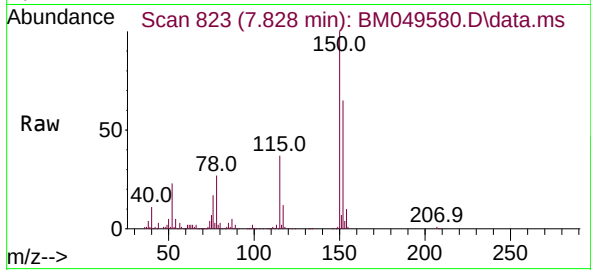
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

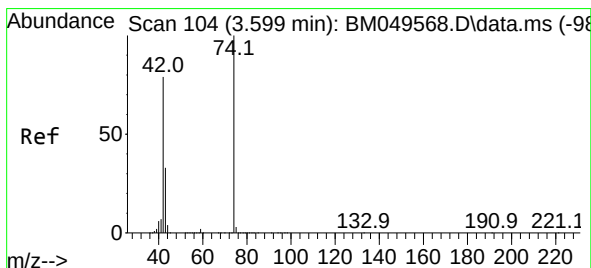
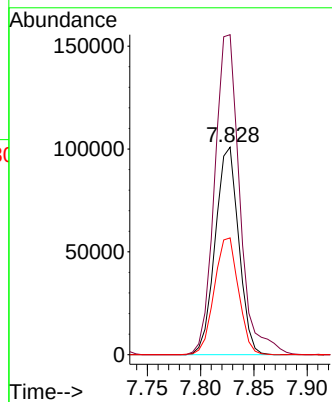
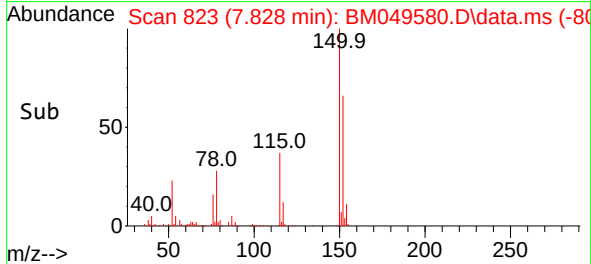
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:152 Resp: 15459
Ion Ratio Lower Upper
152 100
150 154.2 122.6 184.0
115 56.3 45.4 68.0

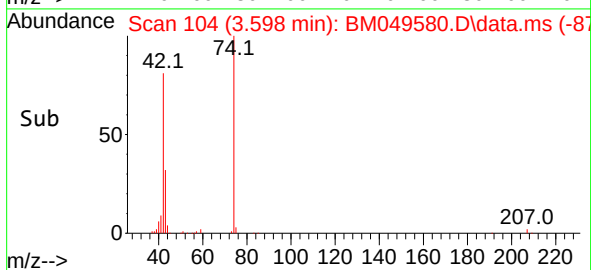
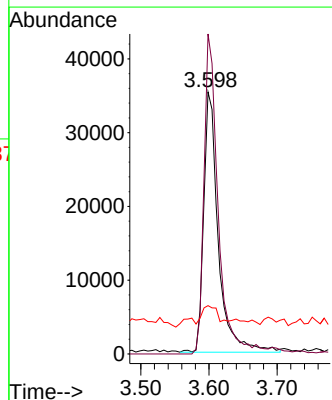
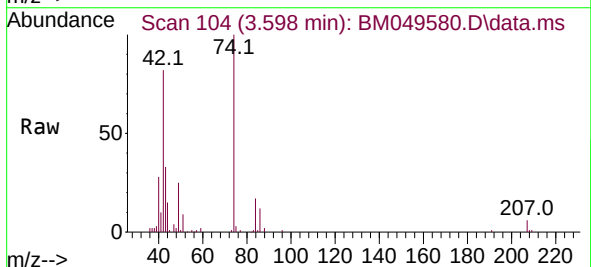
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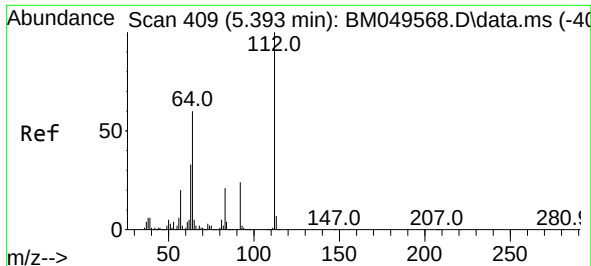
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#4
n-Nitrosodimethylamine
Concen: 10.036 ng
RT: 3.598 min Scan# 104
Delta R.T. -0.000 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

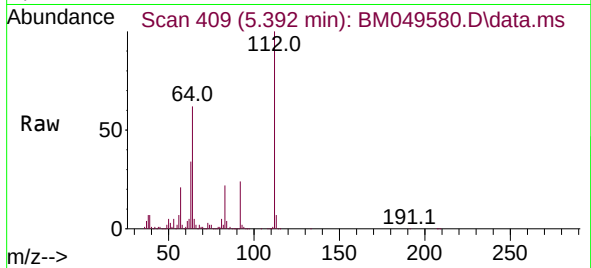
Tgt Ion: 42 Resp: 52743
Ion Ratio Lower Upper
42 100
74 122.2 101.3 151.9
44 18.4 6.5 9.7#





#5
2-Fluorophenol
Concen: 145.519 ng
RT: 5.392 min Scan# 409
Delta R.T. -0.000 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

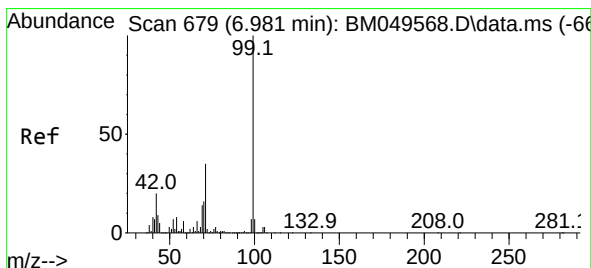
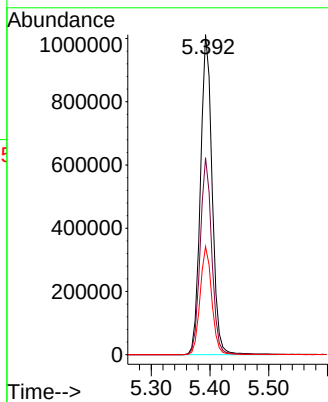
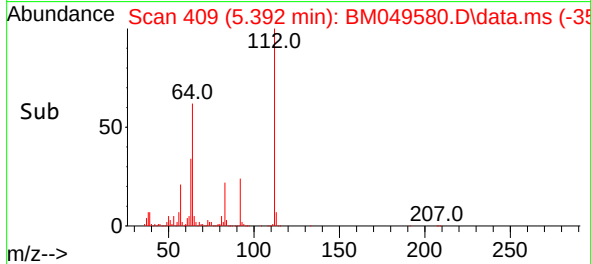
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 112 Resp: 139895
Ion Ratio Lower Upper
112 100
64 61.6 47.8 71.8
63 33.8 26.2 39.4

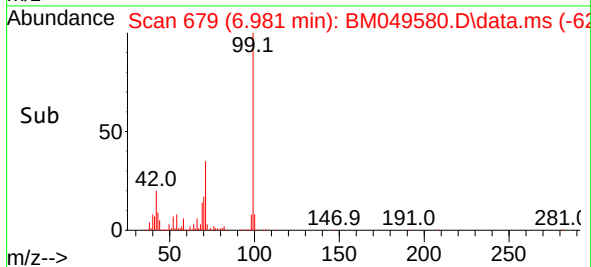
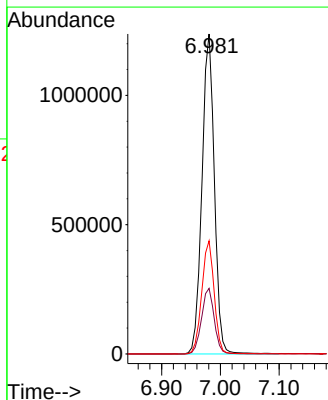
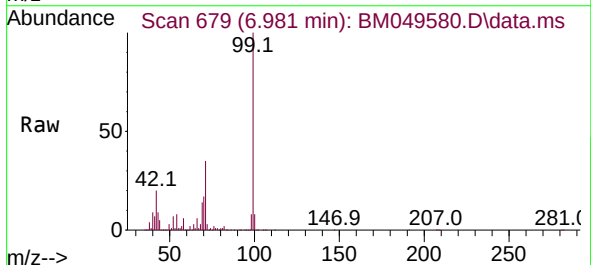
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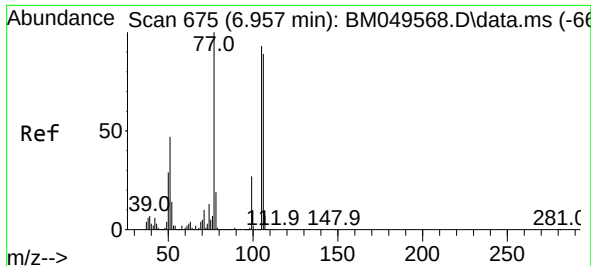
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#7
Phenol-d6
Concen: 144.406 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

Tgt Ion: 99 Resp: 1818797
Ion Ratio Lower Upper
99 100
42 20.5 16.0 24.0
71 35.3 27.8 41.6





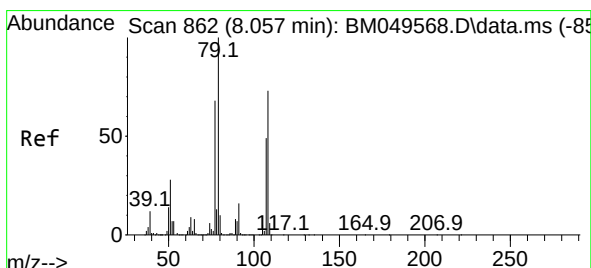
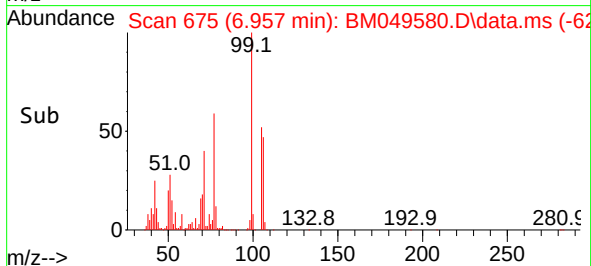
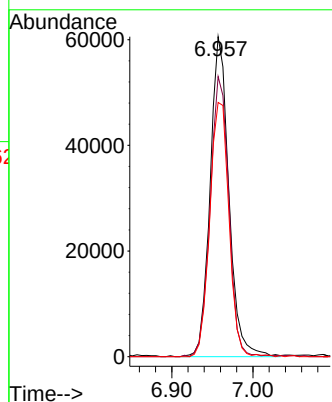
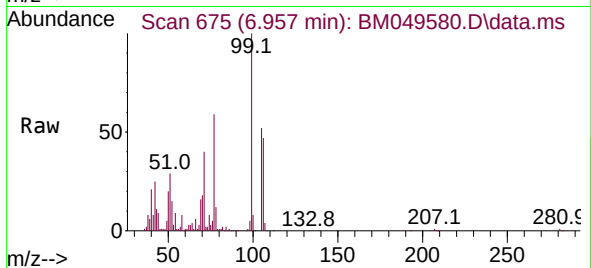
#9
Benzaldehyde
Concen: 14.581 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 77 Resp: 97240
Ion Ratio Lower Upper
77 100
105 87.6 72.7 112.7
106 79.5 68.9 108.9

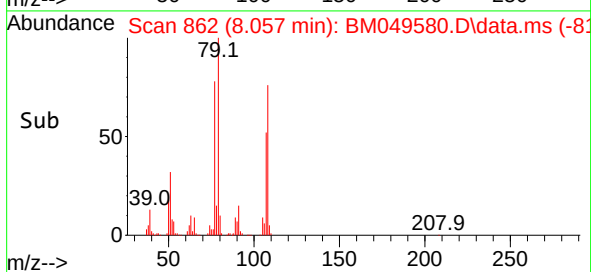
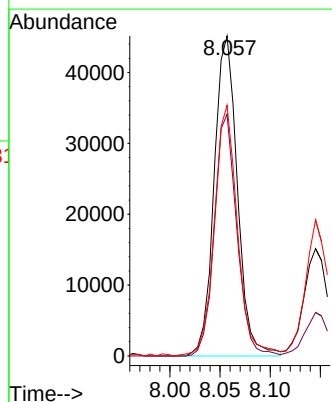
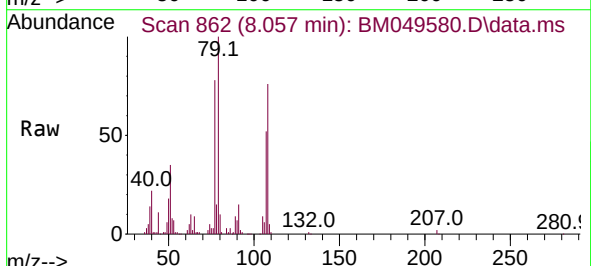
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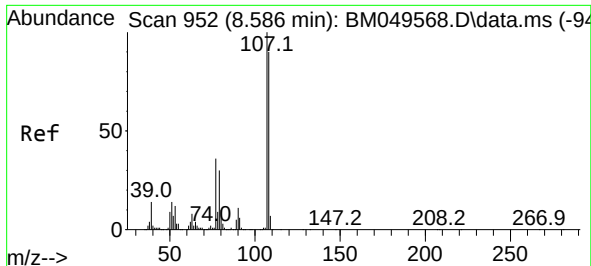
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#15
Benzyl Alcohol
Concen: 8.290 ng
RT: 8.057 min Scan# 862
Delta R.T. -0.000 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

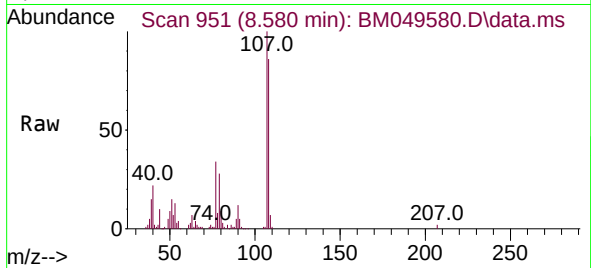
Tgt Ion: 79 Resp: 72637
Ion Ratio Lower Upper
79 100
108 75.5 58.6 88.0
77 78.3 54.0 81.0





#20
3+4-Methylphenols
Concen: 8.672 ng
RT: 8.580 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

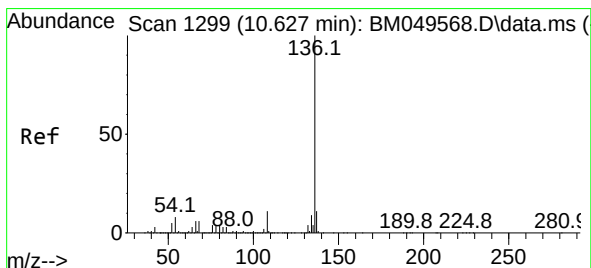
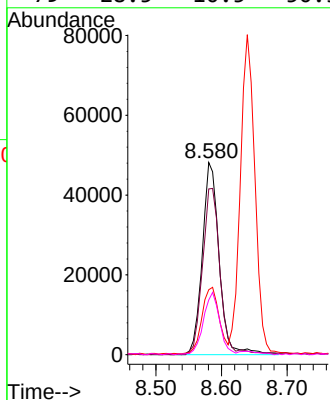
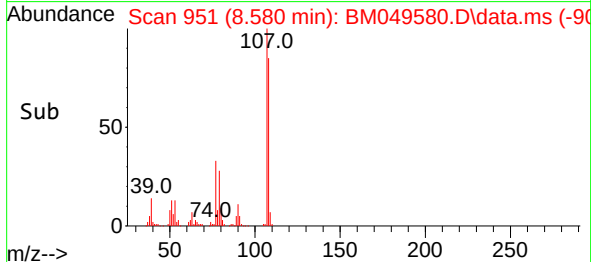
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:107 Resp: 86840
Ion Ratio Lower Upper
107 100
108 86.3 69.6 109.6
77 33.8 16.0 56.0
79 28.5 10.5 50.5

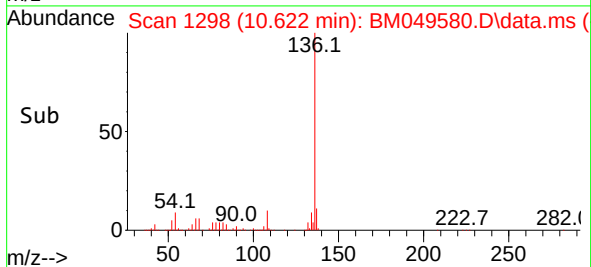
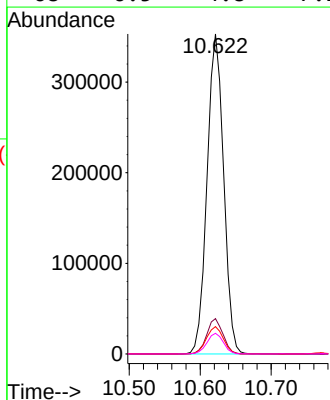
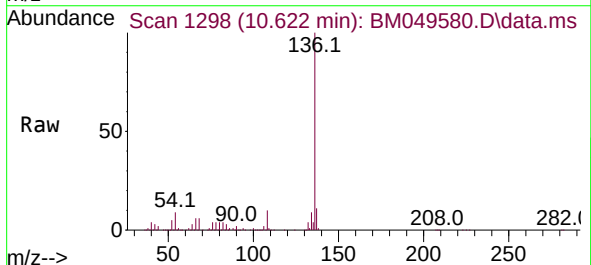
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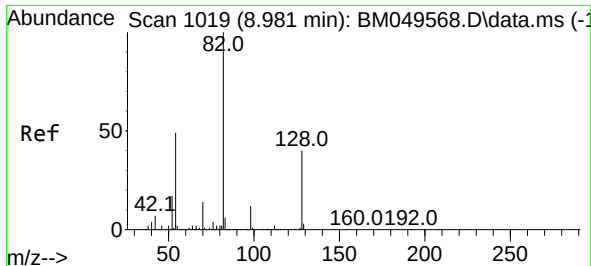
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

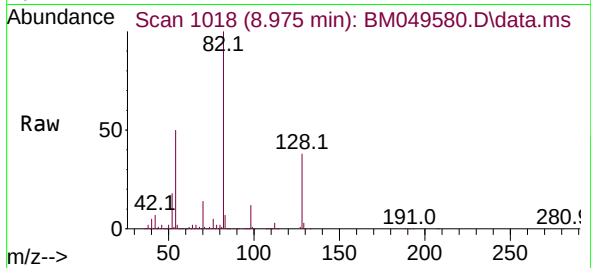
Tgt Ion:136 Resp: 572019
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.6 6.6 10.0
68 6.5 4.8 7.2





#23
Nitrobenzene-d5
Concen: 108.915 ng
RT: 8.975 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

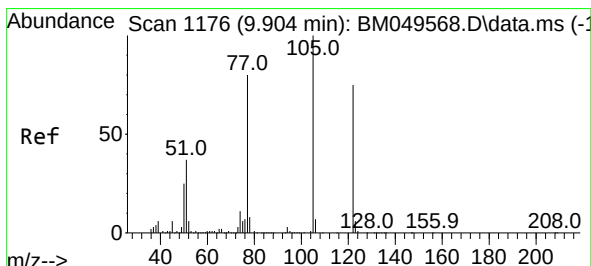
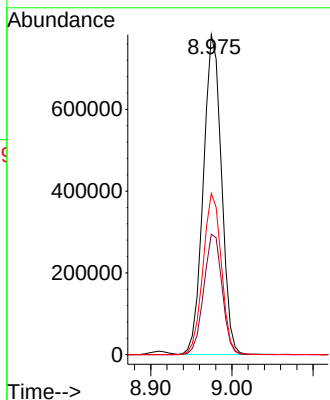
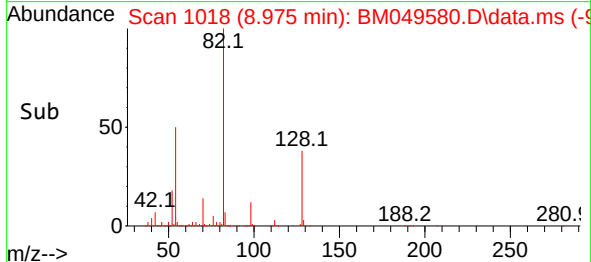
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 82 Resp: 121120
Ion Ratio Lower Upper
82 100
128 37.6 31.6 47.4
54 50.4 39.4 59.0

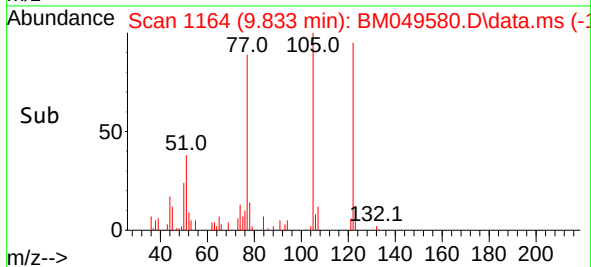
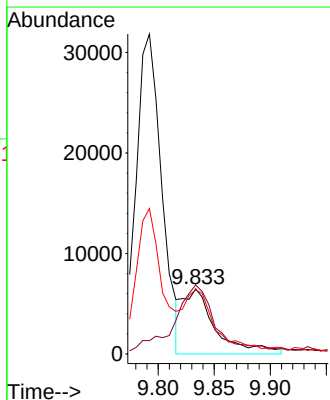
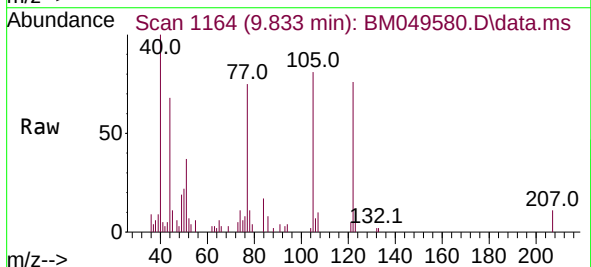
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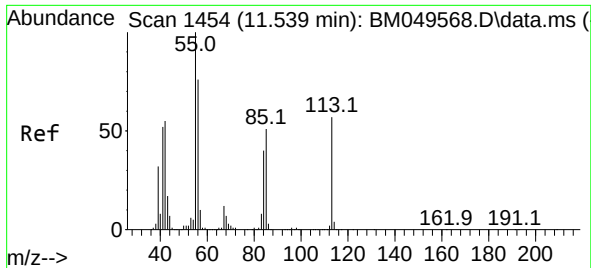
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#32
Benzoic acid
Concen: 9.154 ng m
RT: 9.833 min Scan# 1164
Delta R.T. -0.071 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

Tgt Ion:122 Resp: 13355
Ion Ratio Lower Upper
122 100
105 105.8 103.6 143.6
77 98.2 82.4 122.4





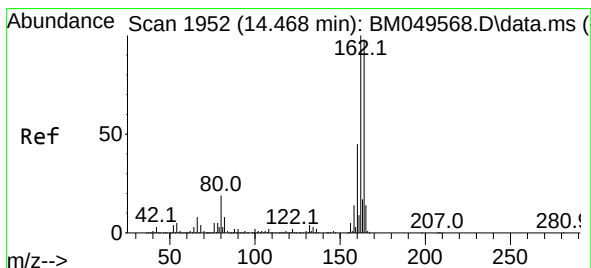
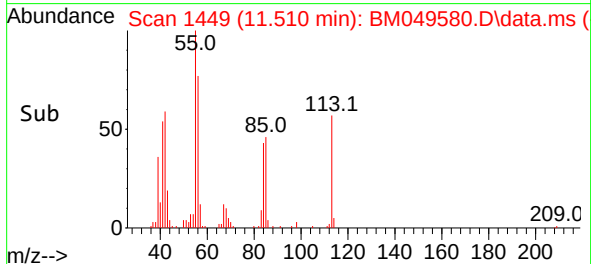
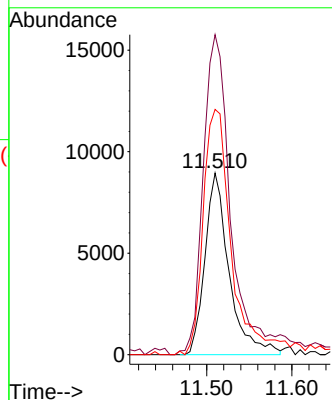
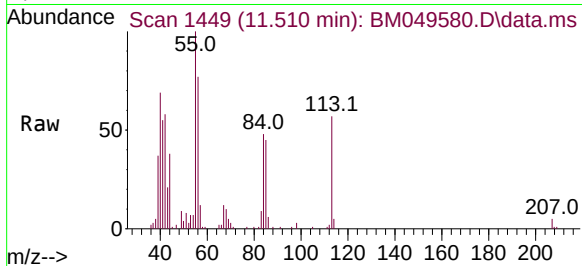
#35
 Caprolactam
 Concen: 6.619 ng
 RT: 11.510 min Scan# 1449
 Delta R.T. -0.029 min
 Lab File: BM049580.D
 Acq: 06 Feb 2025 13:58

Instrument : BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Tgt Ion:113 Resp: 17634
 Ion Ratio Lower Upper
 113 100
 55 176.2 157.5 197.5
 56 135.1 114.6 154.6

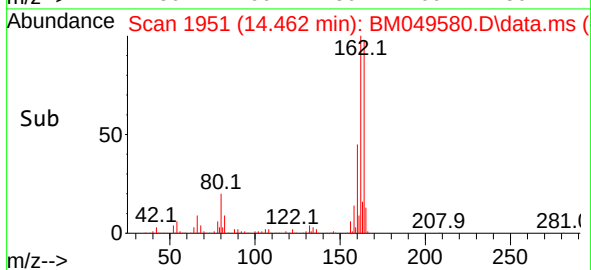
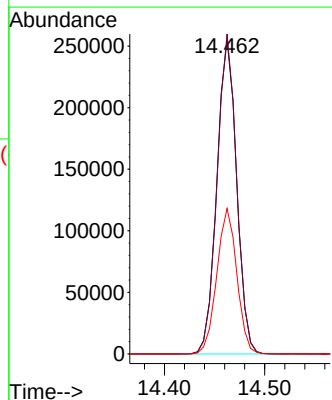
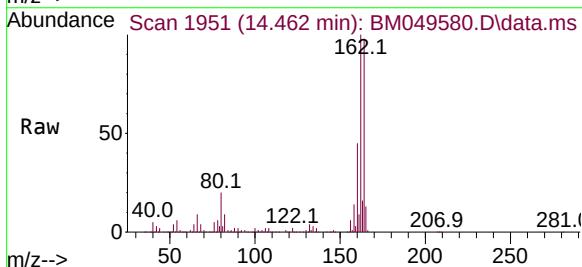
Manual Integrations
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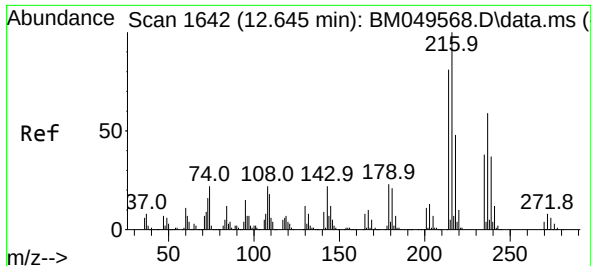
Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.462 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: BM049580.D
 Acq: 06 Feb 2025 13:58

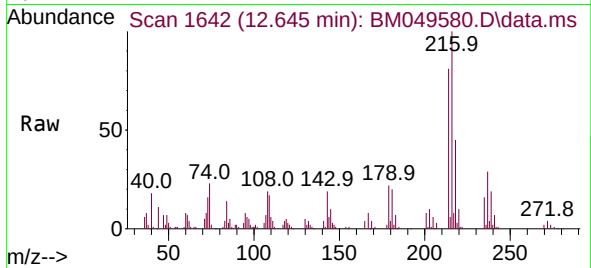
Tgt Ion:164 Resp: 349935
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.4 122.0
 160 46.4 36.2 54.4





#41
Hexachlorocyclopentadiene
Concen: 7.228 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

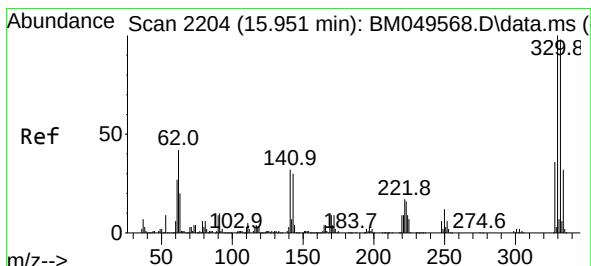
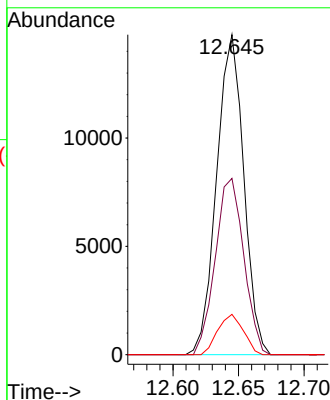
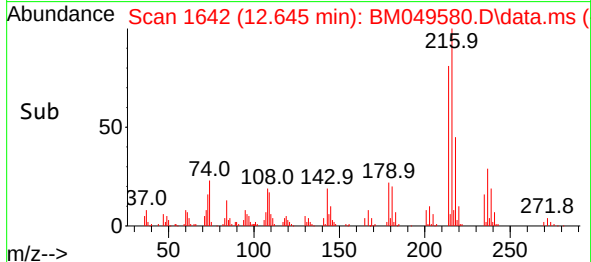
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ClientSampleId :
LOQ-WATER-02-QT1-2025



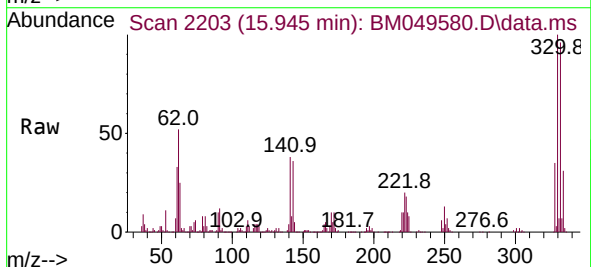
Tgt Ion:237 Resp: 21229
Ion Ratio Lower Upper
237 100
235 55.1 43.8 83.8
272 12.6 0.0 33.5

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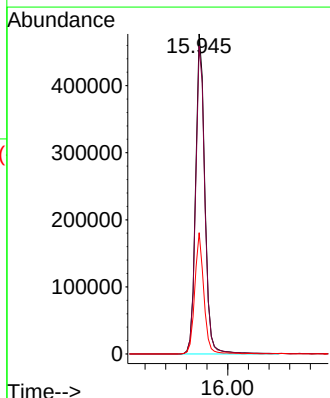
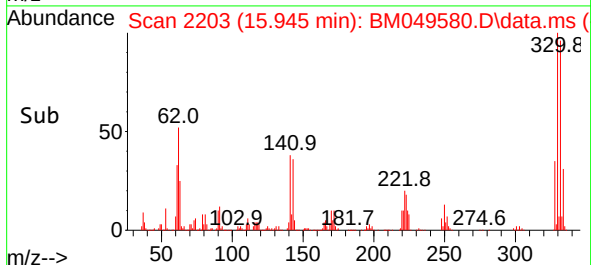
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

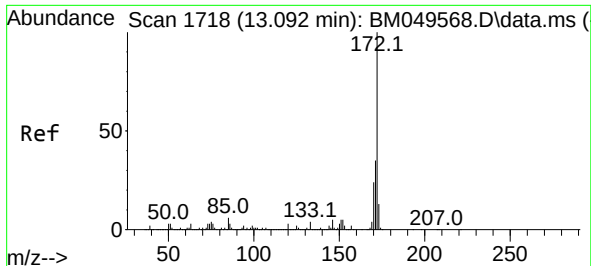


#42
2,4,6-Tribromophenol
Concen: 142.682 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58



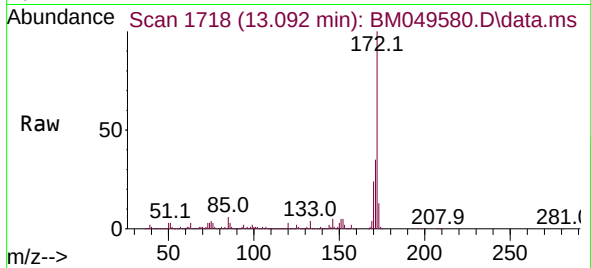
Tgt Ion:330 Resp: 591623
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 37.2 28.2 42.2





#45
2-Fluorobiphenyl
Concen: 109.832 ng
RT: 13.092 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

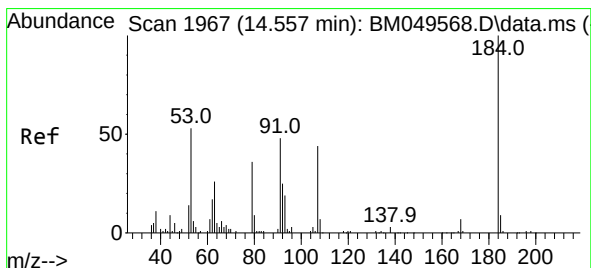
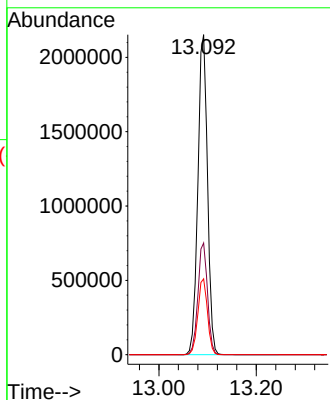
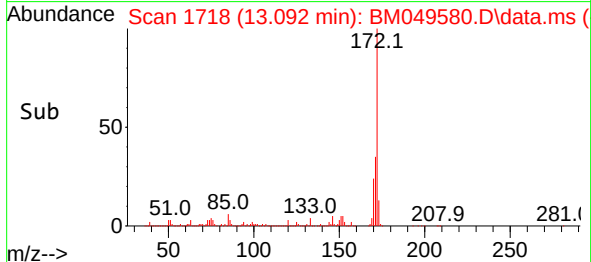
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:172 Resp: 2966849
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.7 19.0 28.4

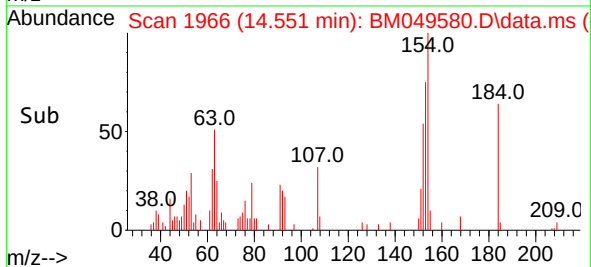
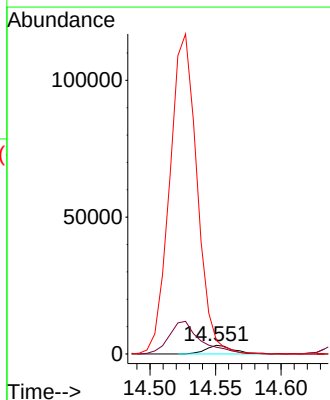
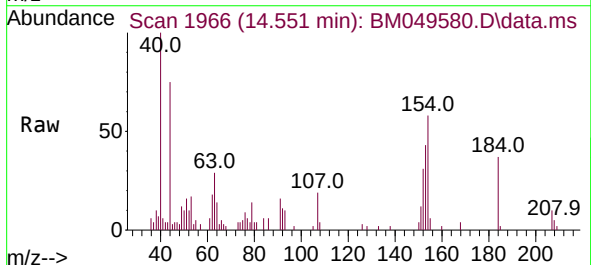
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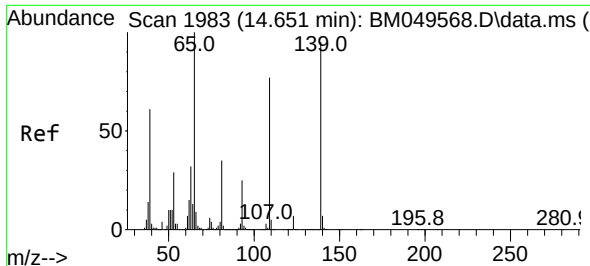
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#54
2,4-Dinitrophenol
Concen: 8.943 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

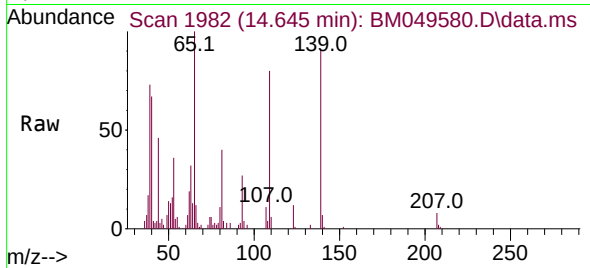
Tgt Ion:184 Resp: 4530
Ion Ratio Lower Upper
184 100
63 79.1 60.2 90.4
154 155.6 78.2 117.4#





#56
4-Nitrophenol
Concen: 4.945 ng
RT: 14.645 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

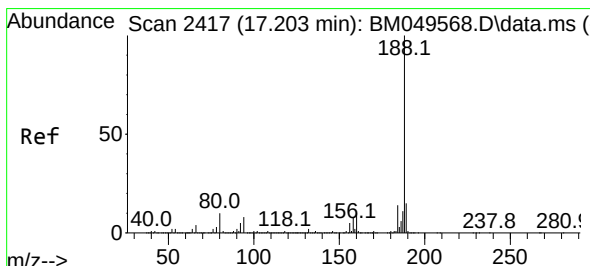
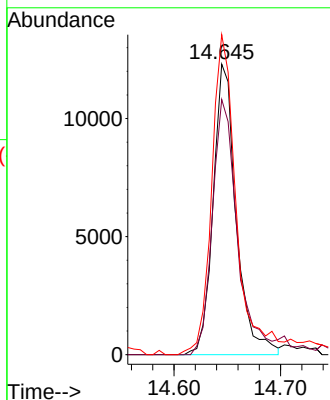
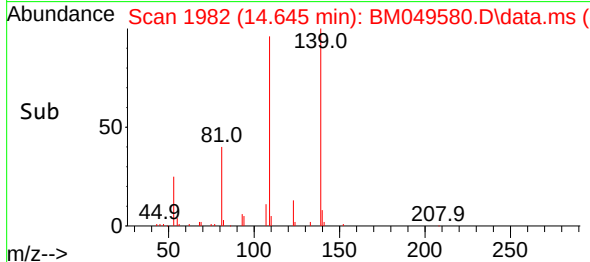
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:139 Resp: 1845
Ion Ratio Lower Upper
139 100
109 87.8 61.4 101.4
65 110.1 85.6 125.6

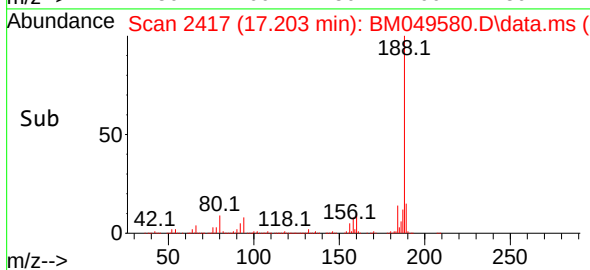
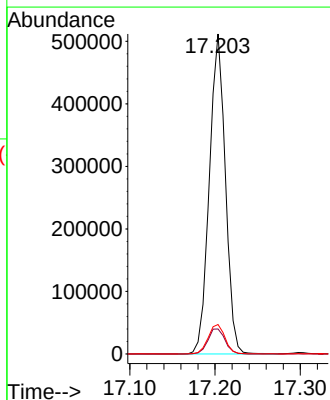
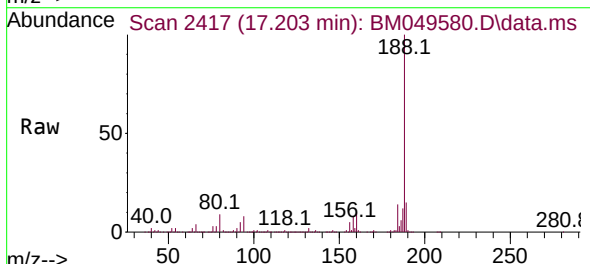
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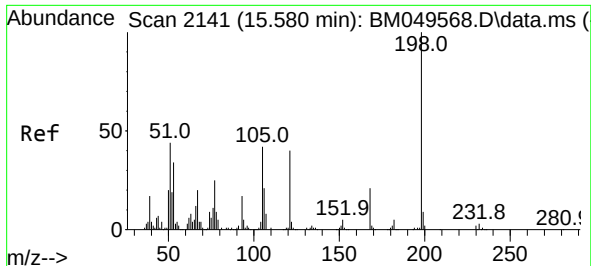
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

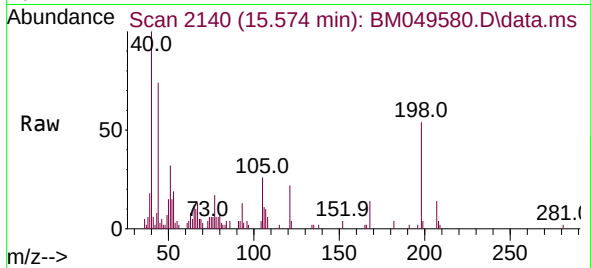
Tgt Ion:188 Resp: 669000
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.2 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 9.080 ng
RT: 15.574 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

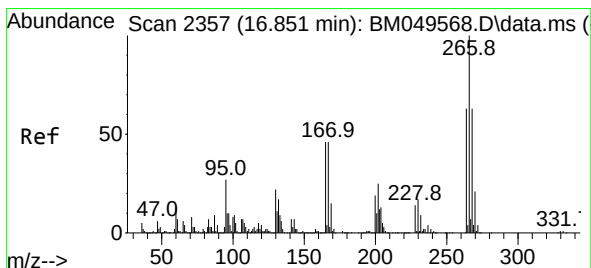
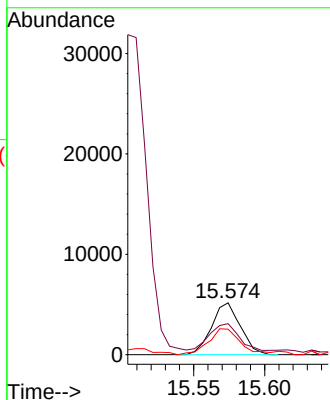
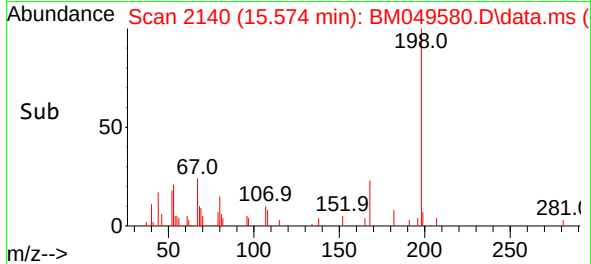
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:198 Resp: 725
Ion Ratio Lower Upper
198 100
51 60.1 26.9 66.9
105 49.1 22.8 62.8

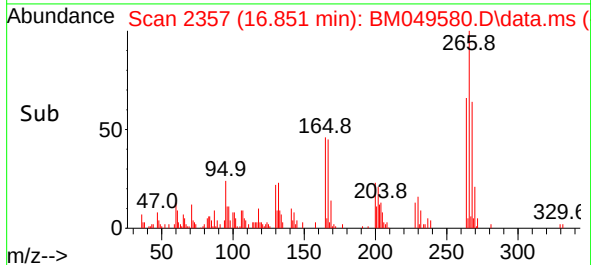
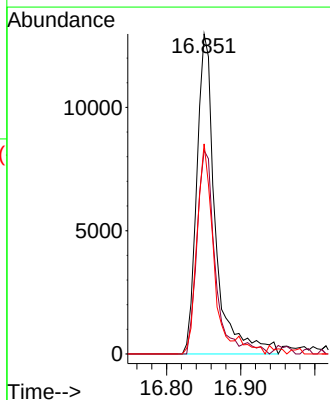
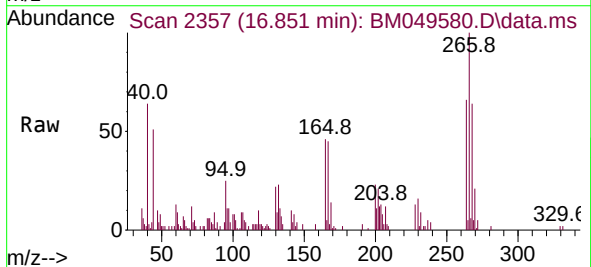
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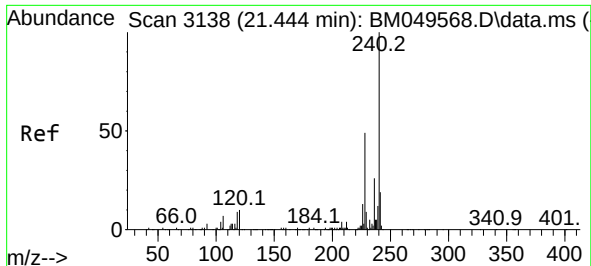
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#70
Pentachlorophenol
Concen: 11.103 ng
RT: 16.851 min Scan# 2357
Delta R.T. -0.000 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

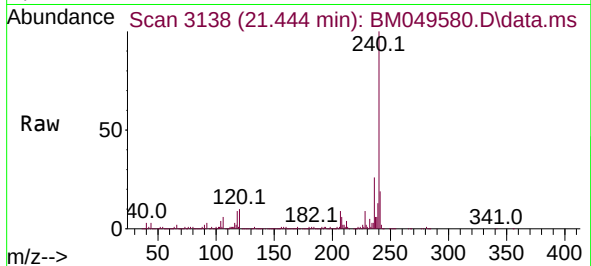
Tgt Ion:266 Resp: 22588
Ion Ratio Lower Upper
266 100
268 68.9 50.8 76.2
264 65.6 50.0 75.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

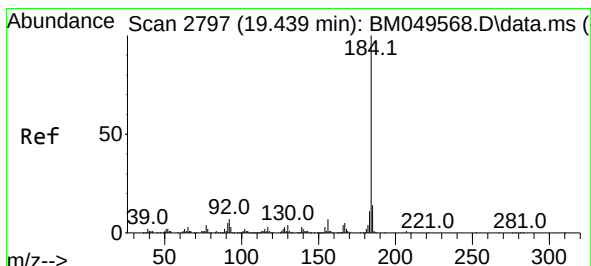
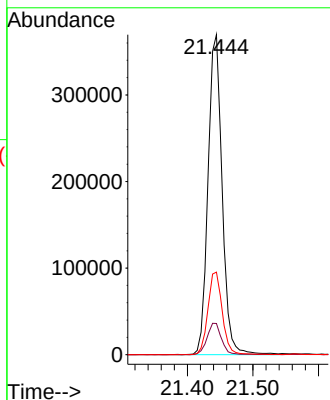
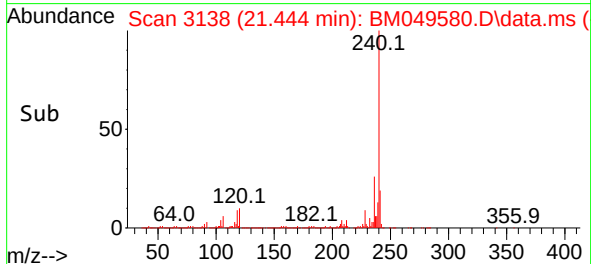
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:240 Resp: 55310
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.8
236 25.8 20.6 31.0

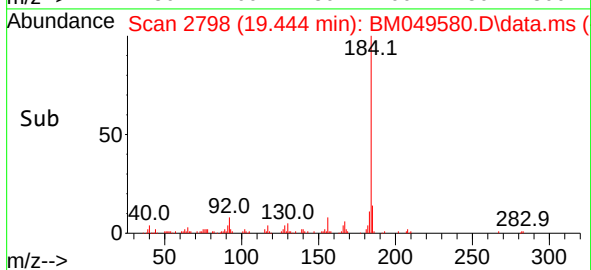
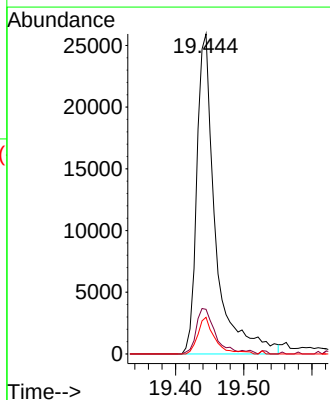
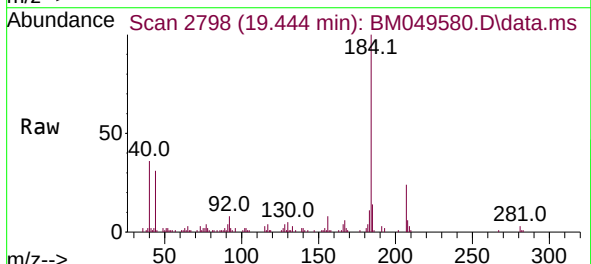
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APPROVED

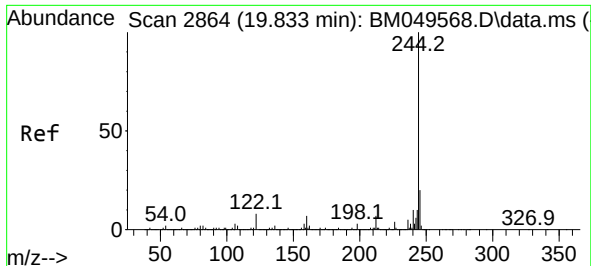
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#77
Benzidine
Concen: 10.057 ng
RT: 19.444 min Scan# 2798
Delta R.T. 0.006 min
Lab File: BM049580.D
Acq: 06 Feb 2025 13:58

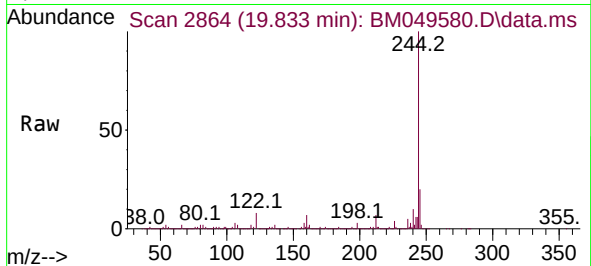
Tgt Ion:184 Resp: 49261
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 11.5 8.9 13.3





#79
 Terphenyl-d14
 Concen: 129.512 ng
 RT: 19.833 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM049580.D
 Acq: 06 Feb 2025 13:58

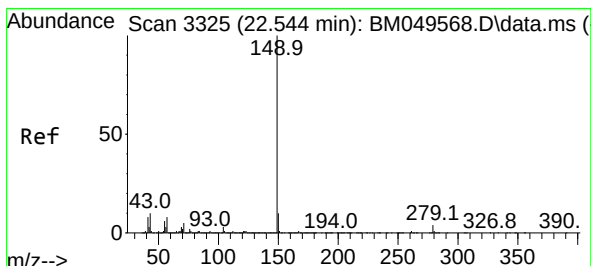
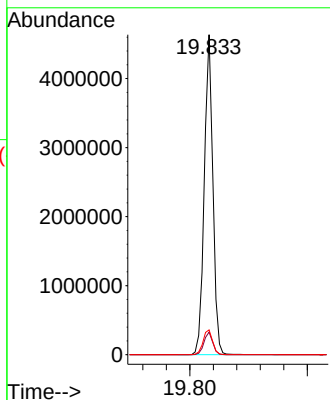
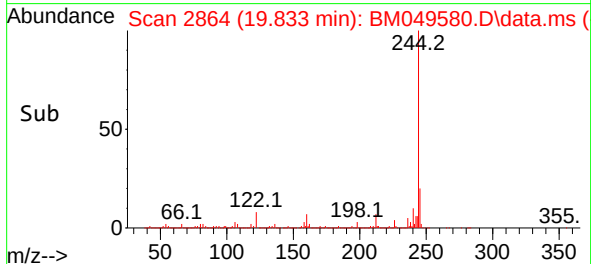
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



Tgt Ion:244 Resp: 469102
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 7.8 6.2 9.2

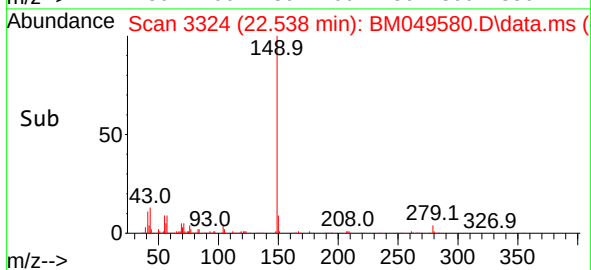
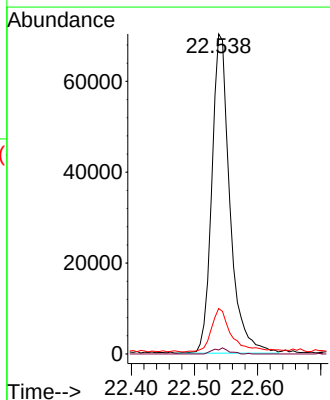
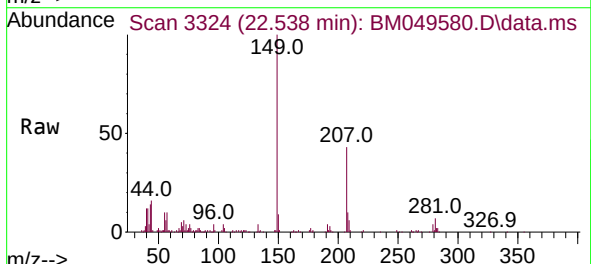
Manual Integrations
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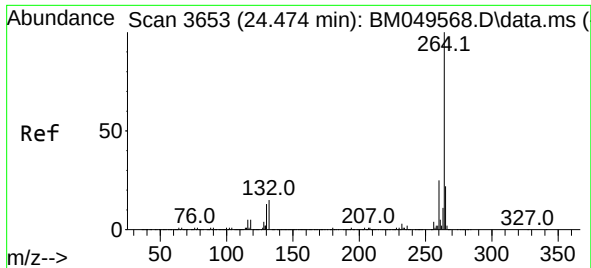
Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025



#85
 Di-n-octyl phthalate
 Concen: 4.002 ng
 RT: 22.538 min Scan# 3324
 Delta R.T. -0.006 min
 Lab File: BM049580.D
 Acq: 06 Feb 2025 13:58

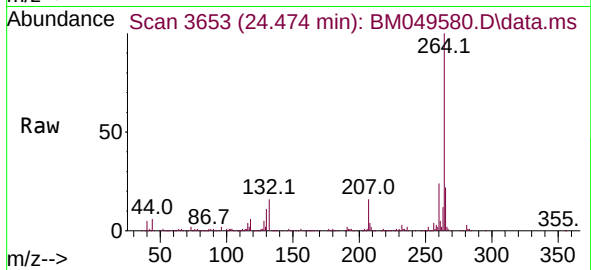
Tgt Ion:149 Resp: 139474
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 15.5 8.5 12.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.474 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BM049580.D
 Acq: 06 Feb 2025 13:58

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



Tgt Ion:264 Resp: 46624
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 21.6 17.5 26.3

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

