

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049578.D
 Acq On : 06 Feb 2025 12:01
 Operator : RC/JU
 Sample : Q1168-08
 Misc : LOQ-WATER 5PPM
 ALS Vial : 5 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 12:44:37 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	182917	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	681074	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	418661	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	806030	20.000	ng	0.00
76) Chrysene-d12	21.445	240	654337	20.000	ng	0.00
86) Perylene-d12	24.480	264	547728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1680163	147.709	ng	0.00
7) Phenol-d6	6.981	99	2180417	146.313	ng	0.00
23) Nitrobenzene-d5	8.981	82	1458891	110.181	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	733950	147.950	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3623418	112.118	ng	0.00
79) Terphenyl-d14	19.833	244	5992420	139.846	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	29268	6.120	ng	94
3) Pyridine	3.699	79	67713	5.095	ng	# 93
6) Aniline	7.146	93	84816	6.005	ng	98
8) 2-Chlorophenol	7.387	128	61798	5.441	ng	94
10) Phenol	7.004	94	84013	5.724	ng	89
11) bis(2-Chloroethyl)ether	7.246	93	68662	5.782	ng	95
12) 1,3-Dichlorobenzene	7.716	146	77501	5.879	ng	96
13) 1,4-Dichlorobenzene	7.863	146	78093	5.856	ng	100
14) 1,2-Dichlorobenzene	8.181	146	75486	5.863	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.351	45	102282	6.398	ng	99
17) 2-Methylphenol	8.263	107	45076	5.022	ng	98
18) Hexachloroethane	8.916	117	26945	5.532	ng	97
19) n-Nitroso-di-n-propyla...	8.628	70	52092	5.338	ng	95
22) Acetophenone	8.645	105	102903	5.610	ng	# 94
24) Nitrobenzene	9.022	77	82773	6.434	ng	96
25) Isophorone	9.545	82	134709	5.641	ng	99
26) 2-Nitrophenol	9.734	139	12415	5.300	ng	91
27) 2,4-Dimethylphenol	9.792	122	36475m	4.831	ng	
28) bis(2-Chloroethoxy)met...	10.034	93	84626	5.502	ng	99
29) 2,4-Dichlorophenol	10.263	162	43022	4.137	ng	99
30) 1,2,4-Trichlorobenzene	10.486	180	70090	5.502	ng	96
31) Naphthalene	10.675	128	192455	5.358	ng	98
33) 4-Chloroaniline	10.775	127	72797	5.414	ng	98
34) Hexachlorobutadiene	10.975	225	41079	5.385	ng	94
36) 4-Chloro-3-methylphenol	11.892	107	42513	4.100	ng	100
37) 2-Methylnaphthalene	12.286	142	128669	5.088	ng	95
38) 1-Methylnaphthalene	12.510	142	121390	4.933	ng	99
40) 1,2,4,5-Tetrachloroben...	12.657	216	74310	5.398	ng	98
43) 2,4,6-Trichlorophenol	12.892	196	26556	3.535	ng	90
44) 2,4,5-Trichlorophenol	12.957	196	33687	4.081	ng	# 92
46) 1,1'-Biphenyl	13.304	154	179957	5.635	ng	98
47) 2-Chloronaphthalene	13.339	162	136131	5.509	ng	99
48) 2-Nitroaniline	13.527	65	23957	4.225	ng	90
49) Acenaphthylene	14.186	152	206393	5.664	ng	99
50) Dimethylphthalate	13.922	163	149608	4.976	ng	99
51) 2,6-Dinitrotoluene	14.027	165	22878	4.397	ng	# 84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.527	154	120546	4.984	ng	96
53) 3-Nitroaniline	14.351	138	23077	4.357	ng #	89
55) Dibenzofuran	14.863	168	201562	5.234	ng	99
57) 2,4-Dinitrotoluene	14.816	165	23764	6.299	ng #	93
58) Fluorene	15.510	166	158899	4.823	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.086	232	26194m	3.756	ng	
60) Diethylphthalate	15.292	149	142476	4.715	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	82339	4.696	ng	93
62) 4-Nitroaniline	15.510	138	22321	3.763	ng	88
63) Azobenzene	15.804	77	175284	5.558	ng	97
66) n-Nitrosodiphenylamine	15.721	169	125147	4.923	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	45477	4.857	ng	97
68) Hexachlorobenzene	16.516	284	54229	5.046	ng	96
69) Atrazine	16.674	200	34358	4.547	ng	98
71) Phenanthrene	17.245	178	239303	5.211	ng	99
72) Anthracene	17.339	178	228925	5.035	ng	100
73) Carbazole	17.598	167	201364	5.046	ng	100
74) Di-n-butylphthalate	18.192	149	191961	3.791	ng	99
75) Fluoranthene	19.262	202	243190	4.524	ng	98
78) Pyrene	19.621	202	250663	5.116	ng	99
80) Butylbenzylphthalate	20.539	149	35062	2.300	ng	97
81) Benzo(a)anthracene	21.427	228	227936	5.140	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	40640	3.406	ng	99
83) Chrysene	21.492	228	213233	5.132	ng	100
84) Bis(2-ethylhexyl)phtha...	21.386	149	73039	2.795	ng	98
87) Indeno(1,2,3-cd)pyrene	27.897	276	151905	5.078	ng	98
88) Benzo(b)fluoranthene	23.521	252	176236	4.677	ng	99
89) Benzo(k)fluoranthene	23.586	252	179980	4.918	ng	98
90) Benzo(a)pyrene	24.333	252	144710	4.846	ng	99
91) Dibenzo(a,h)anthracene	27.974	278	109769	4.643	ng	94
92) Benzo(g,h,i)perylene	28.956	276	125260	4.743	ng	99

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

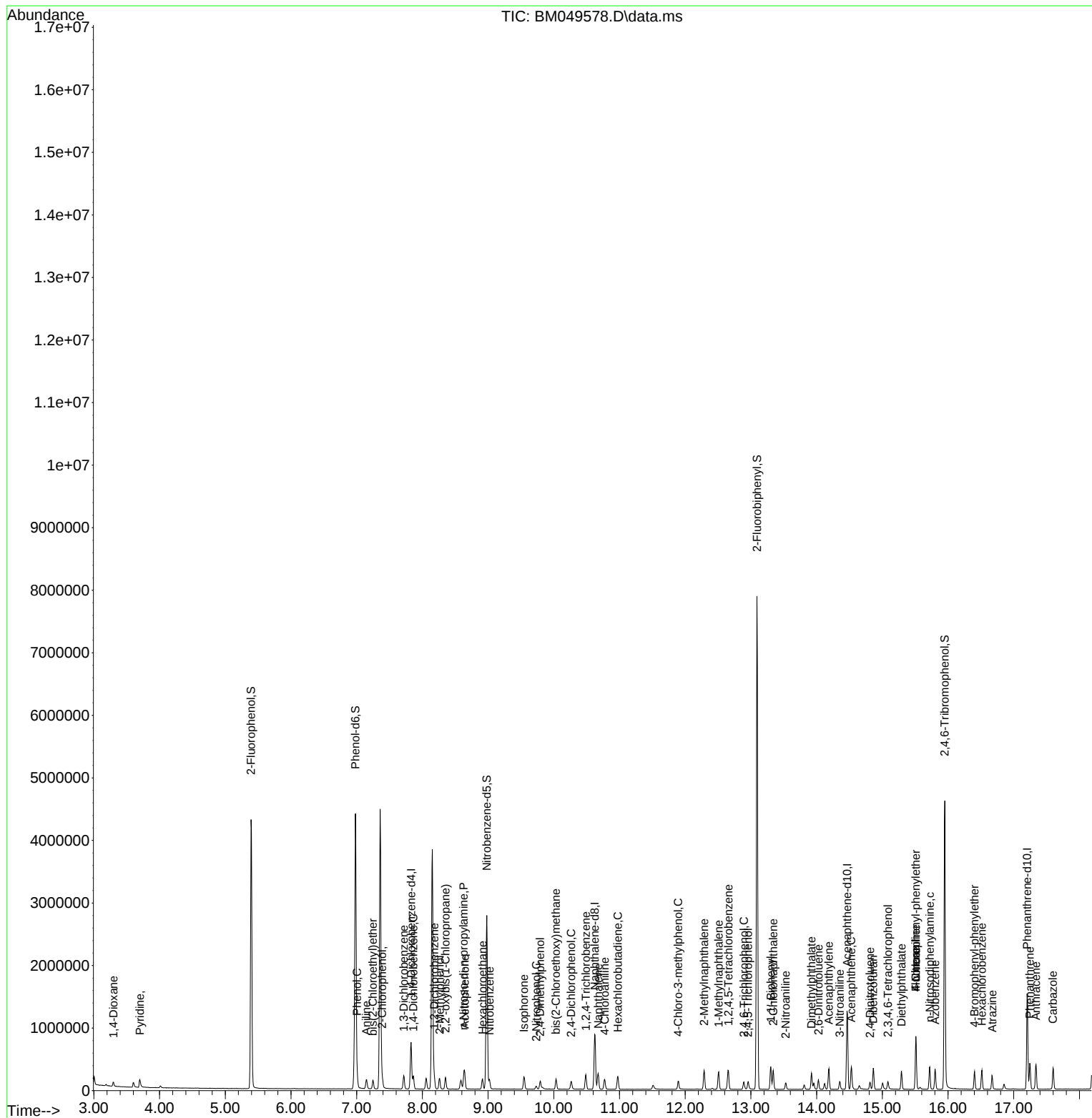
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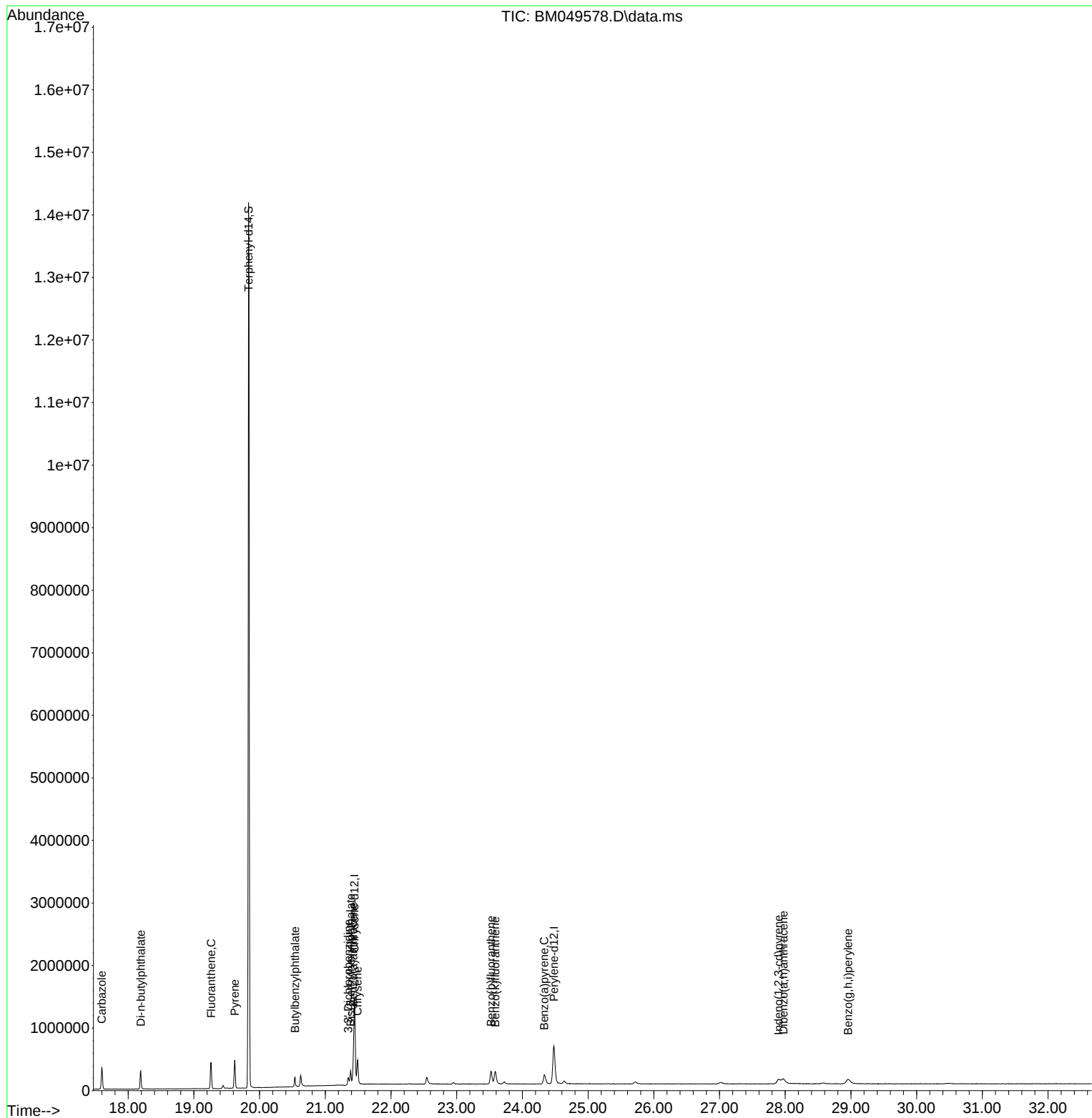
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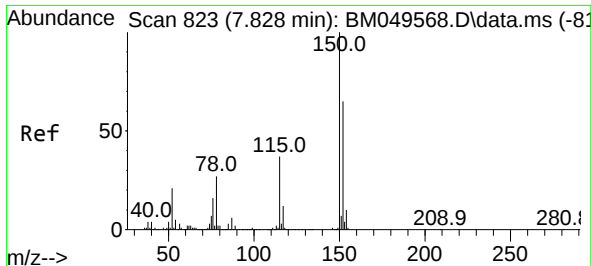
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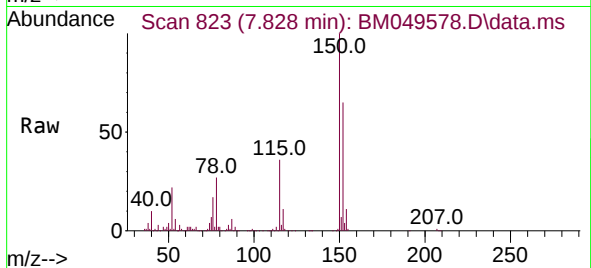
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Supervised By :mohammad ahmed 02/07/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.828 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01

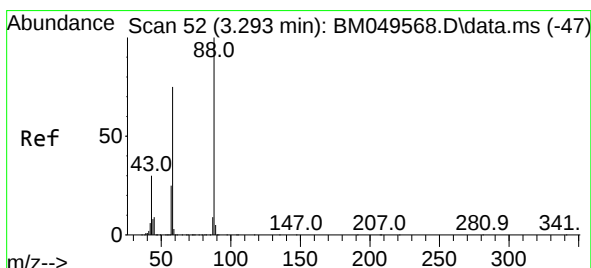
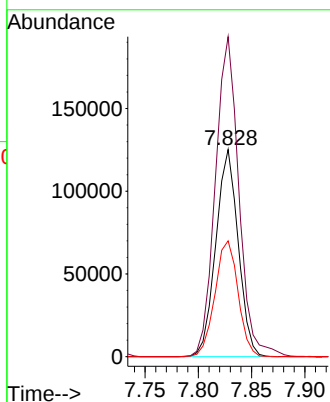
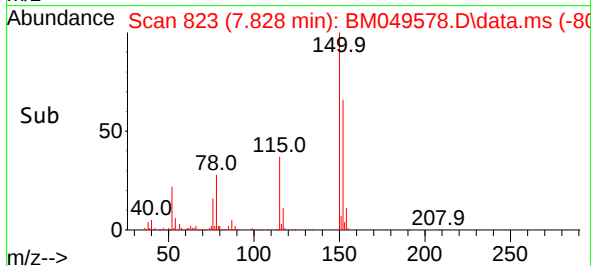
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



Tgt Ion:152 Resp: 18291
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.6 184.0
 115 55.9 45.4 68.0

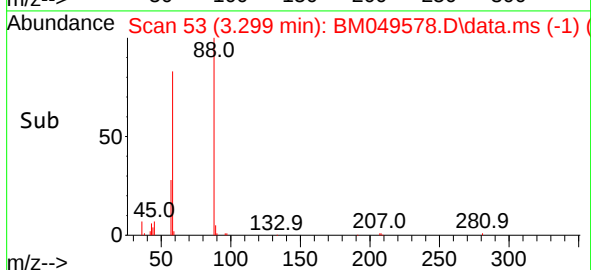
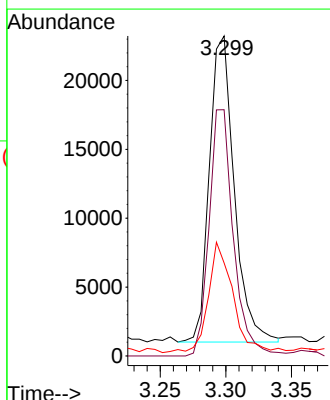
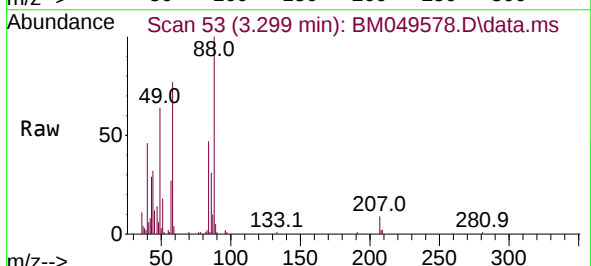
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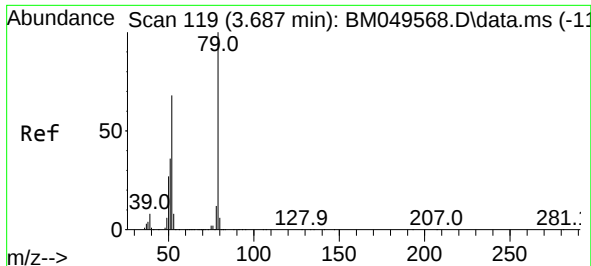
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 Supervised By :mohammad ahmed 02/07/2025



#2
 1,4-Dioxane
 Concen: 6.120 ng
 RT: 3.299 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01

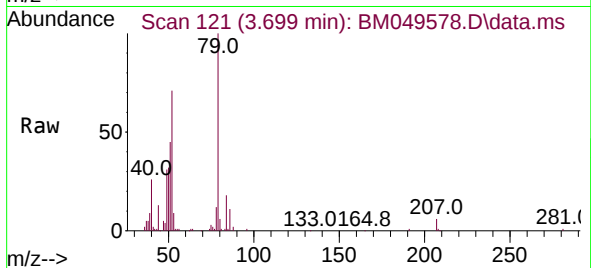
Tgt Ion: 88 Resp: 29268
 Ion Ratio Lower Upper
 88 100
 58 78.8 60.0 90.0
 43 36.0 24.4 36.6





#3
Pyridine
Concen: 5.095 ng
RT: 3.699 min Scan# 119
Delta R.T. 0.012 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

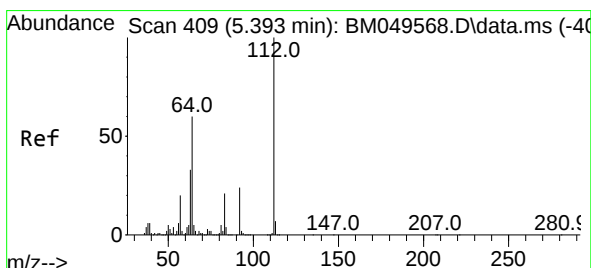
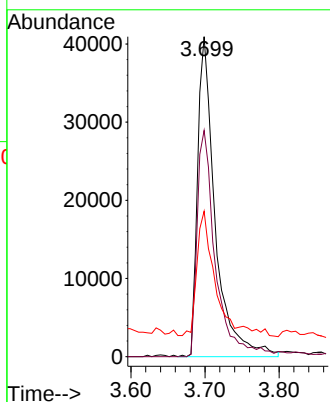
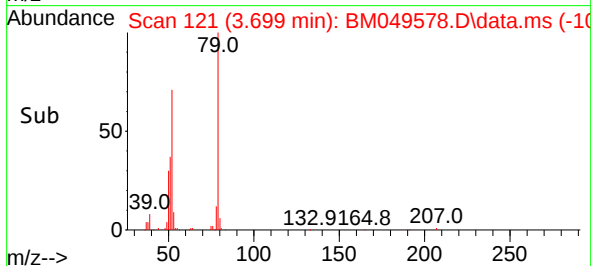
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 79 Resp: 6771
Ion Ratio Lower Upper
79 100
52 70.7 54.5 81.7
51 45.5 29.0 43.6

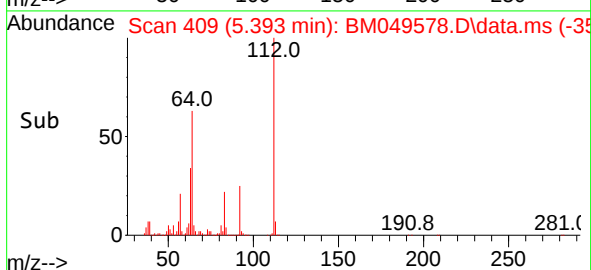
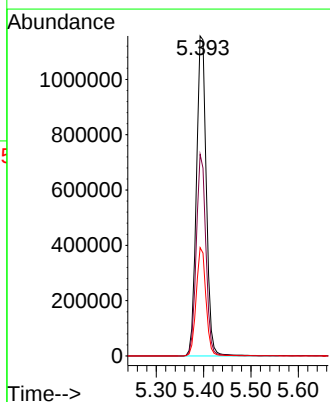
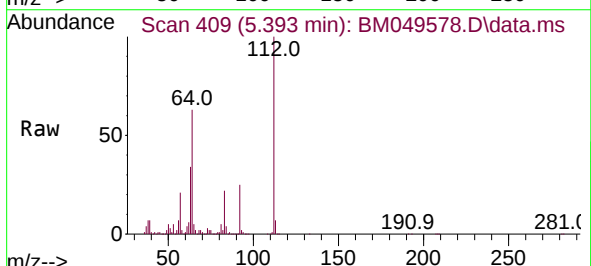
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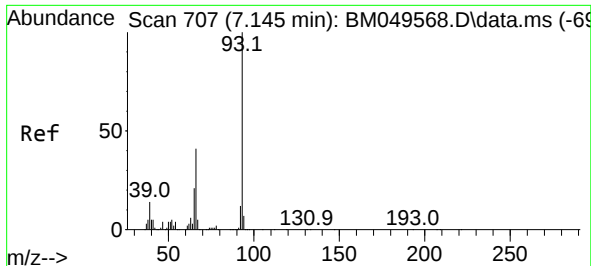
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#5
2-Fluorophenol
Concen: 147.709 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:112 Resp: 1680163
Ion Ratio Lower Upper
112 100
64 63.0 47.8 71.8
63 33.8 26.2 39.4





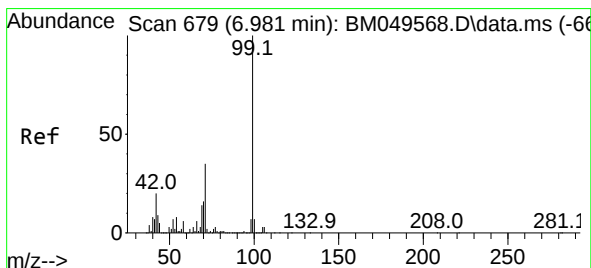
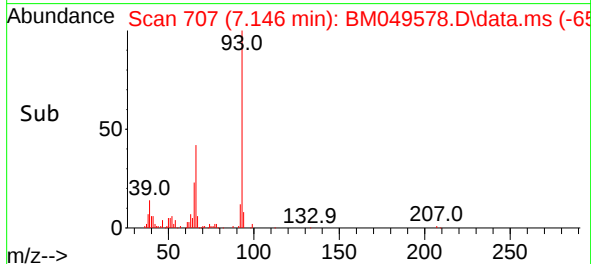
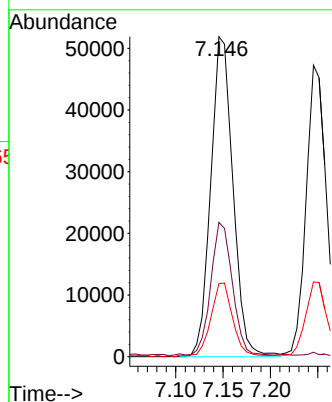
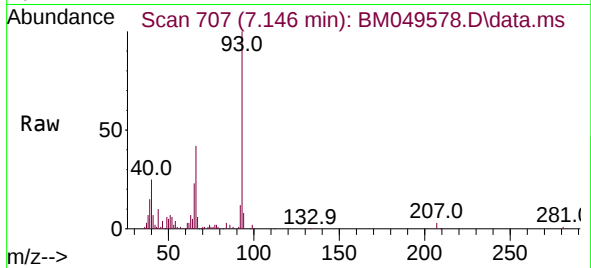
#6
Aniline
Concen: 6.005 ng
RT: 7.146 min Scan# 707
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

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

Tgt Ion: 93 Resp: 84810
Ion Ratio Lower Upper
93 100
66 41.9 33.3 49.9
65 22.9 16.8 25.2

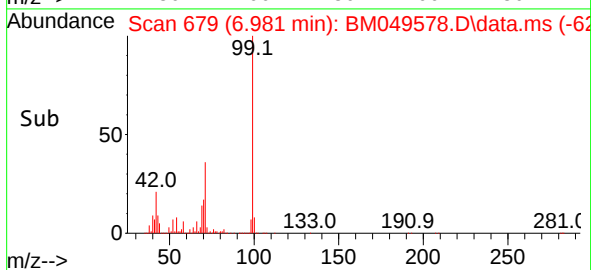
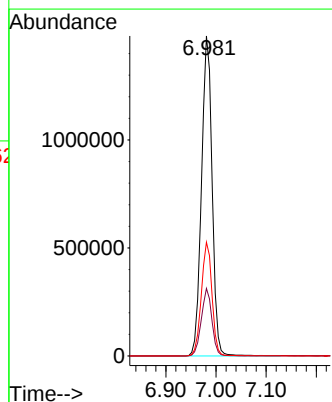
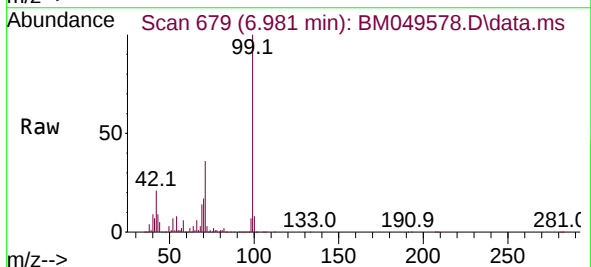
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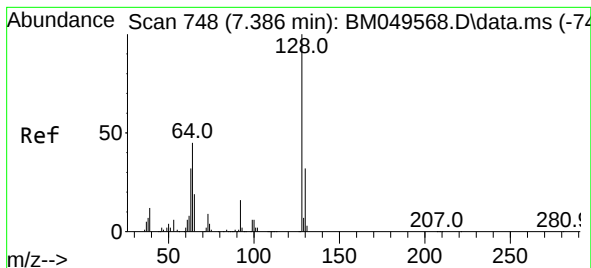
Reviewed By :Jagrut Upadhyay 02/07/2025
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#7
Phenol-d6
Concen: 146.313 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion: 99 Resp: 2180417
Ion Ratio Lower Upper
99 100
42 21.1 16.0 24.0
71 35.6 27.8 41.6





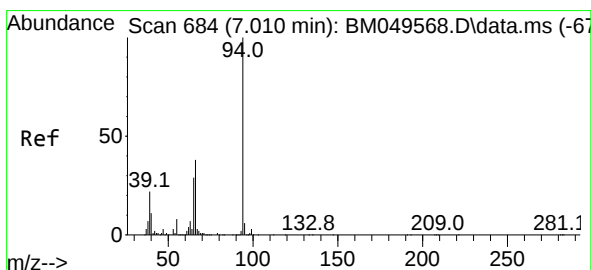
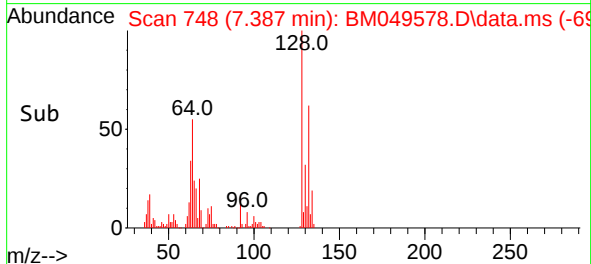
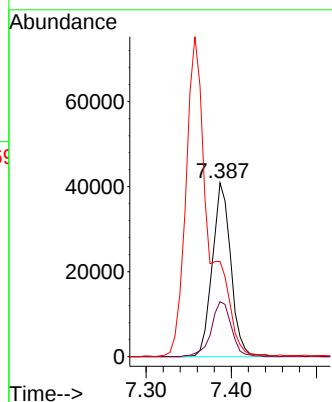
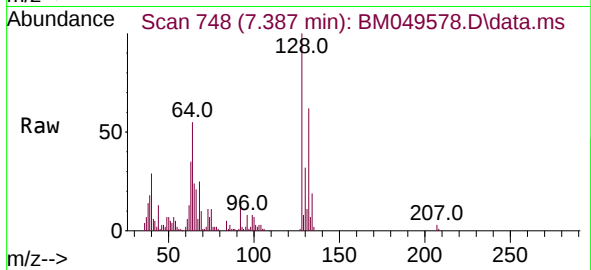
#8
2-Chlorophenol
Concen: 5.441 ng
RT: 7.387 min Scan# 748
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Instrument :
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Tgt Ion:128 Resp: 61798
Ion Ratio Lower Upper
128 100
130 31.7 12.4 52.4
64 54.8 28.7 68.7

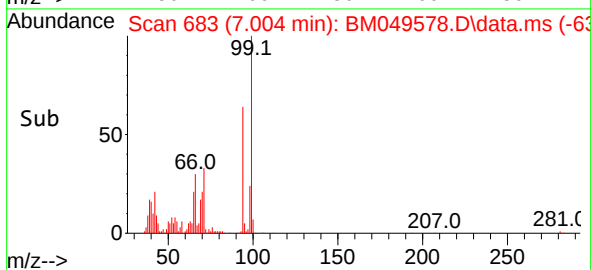
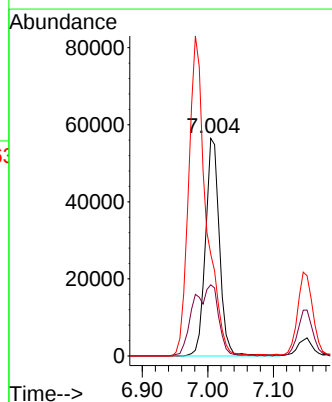
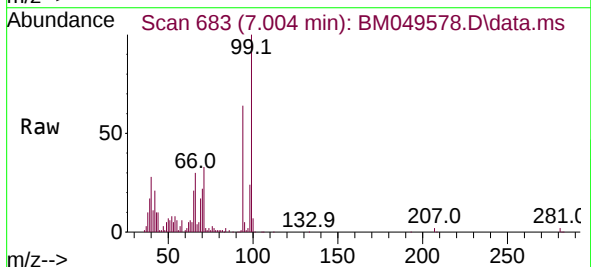
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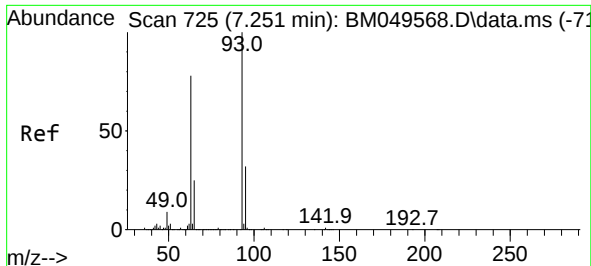
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#10
Phenol
Concen: 5.724 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

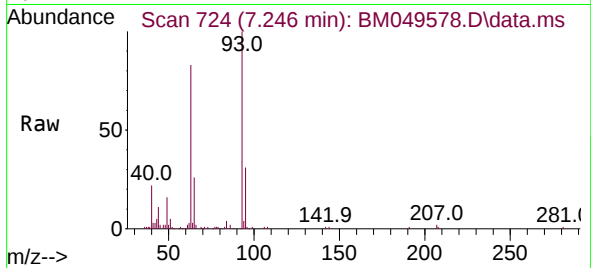
Tgt Ion: 94 Resp: 84013
Ion Ratio Lower Upper
94 100
65 32.7 9.3 49.3
66 46.7 17.7 57.7





#11
bis(2-Chloroethyl)ether
Concen: 5.782 ng
RT: 7.246 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM049578.D
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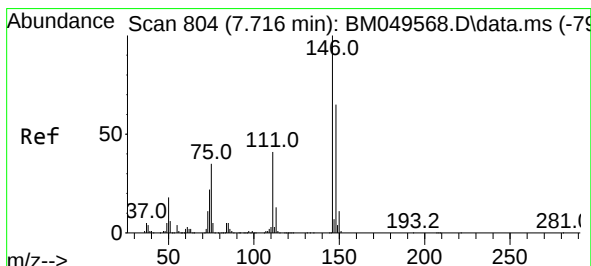
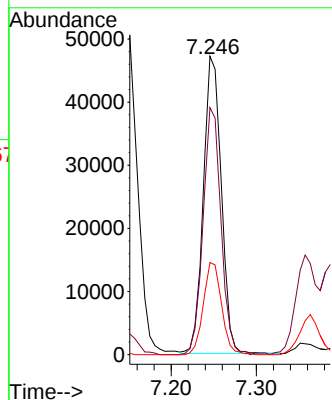
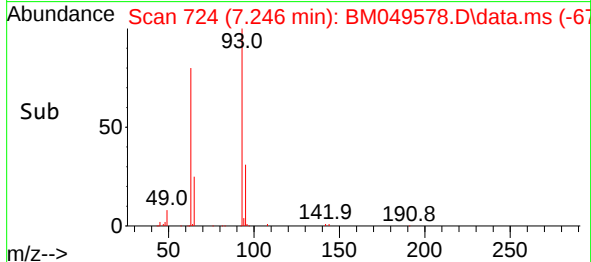
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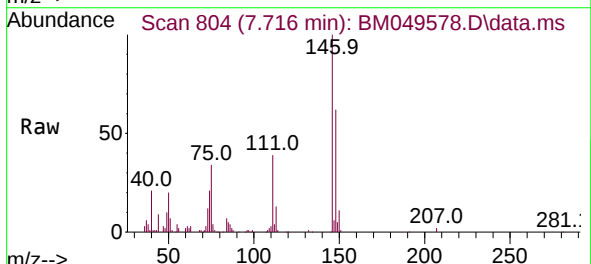
Tgt Ion: 93 Resp: 68662
Ion Ratio Lower Upper
93 100
63 82.8 57.3 97.3
95 30.9 12.1 52.1

Manual Integrations
APPROVED

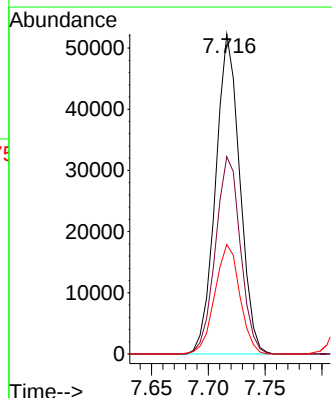
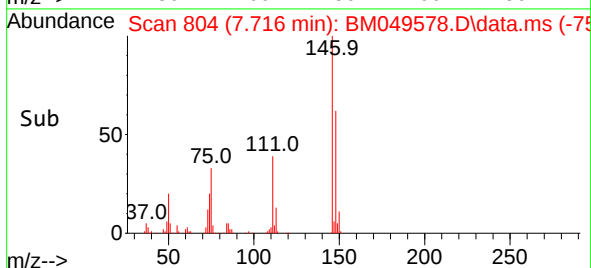
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

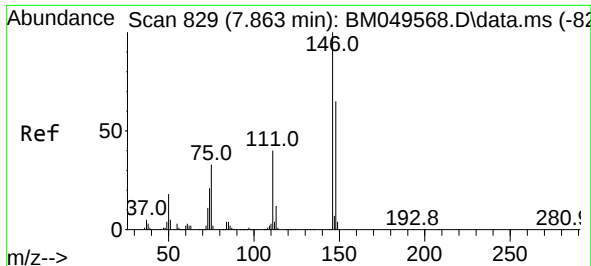


#12
1,3-Dichlorobenzene
Concen: 5.879 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01



Tgt Ion:146 Resp: 77501
Ion Ratio Lower Upper
146 100
148 61.7 52.2 78.2
75 34.2 28.3 42.5





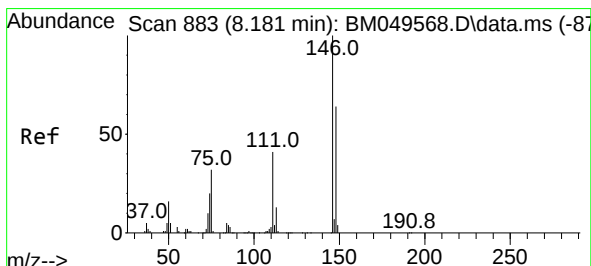
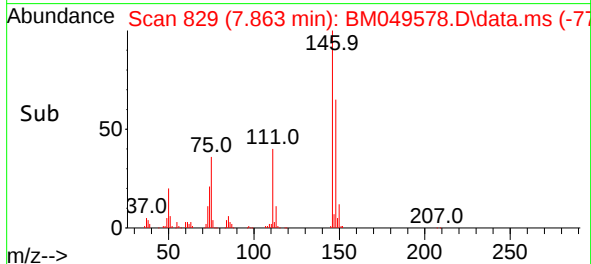
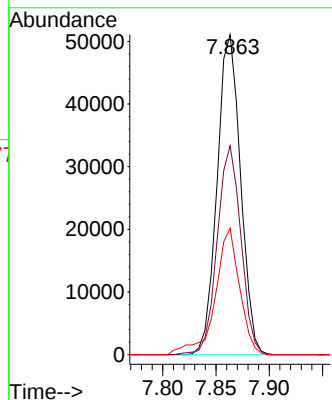
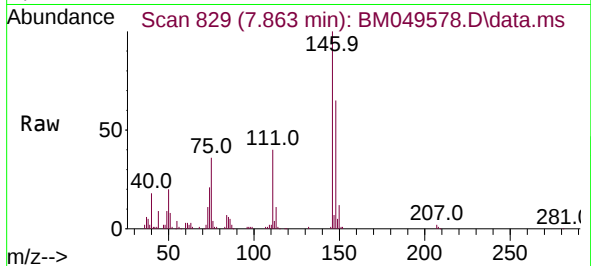
#13
1,4-Dichlorobenzene
Concen: 5.856 ng
RT: 7.863 min Scan# 829
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

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

Tgt Ion:146 Resp: 7809
Ion Ratio Lower Upper
146 100
148 65.3 52.1 78.1
111 39.5 31.7 47.5

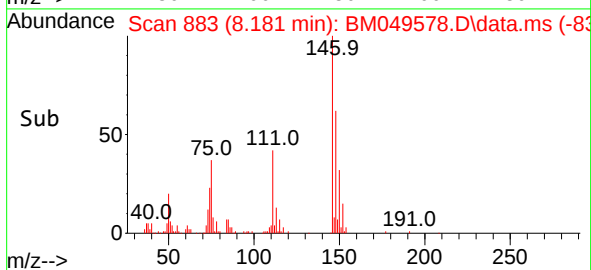
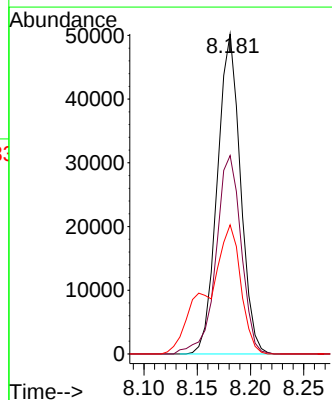
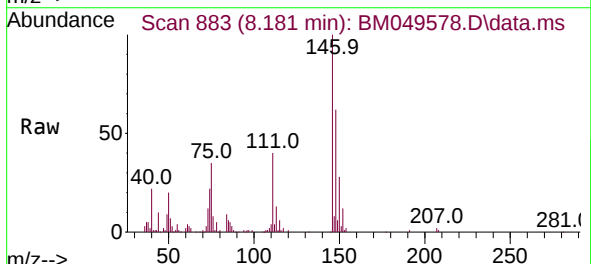
Manual Integrations
APPROVED

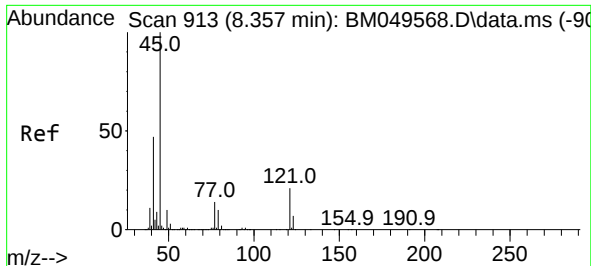
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#14
1,2-Dichlorobenzene
Concen: 5.863 ng
RT: 8.181 min Scan# 883
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:146 Resp: 75486
Ion Ratio Lower Upper
146 100
148 62.0 51.5 77.3
111 40.3 33.4 50.0





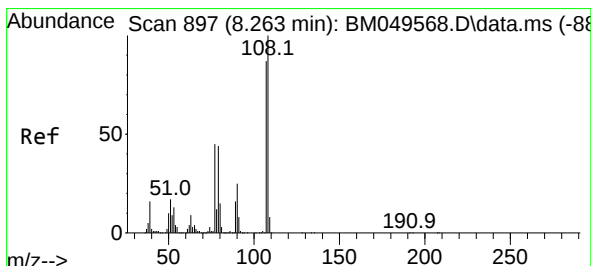
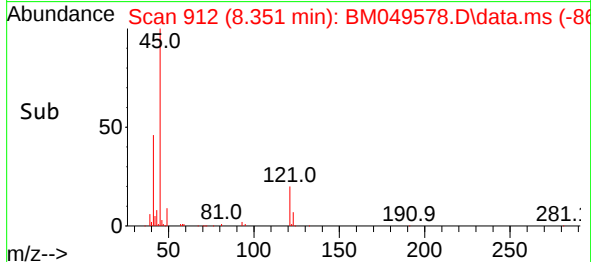
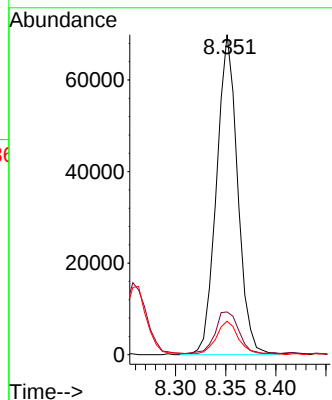
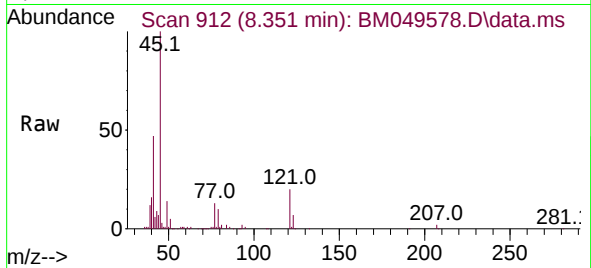
#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.398 ng
RT: 8.351 min Scan# 913
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

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

Tgt Ion: 45 Resp: 10228
Ion Ratio Lower Upper
45 100
77 13.3 0.0 34.0
79 10.5 0.0 30.8

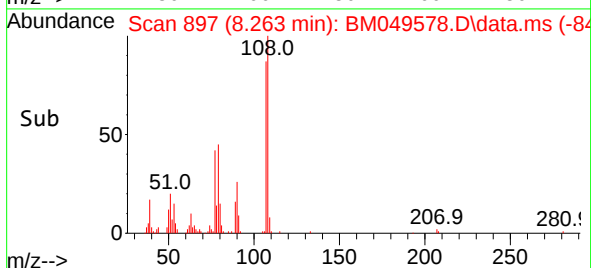
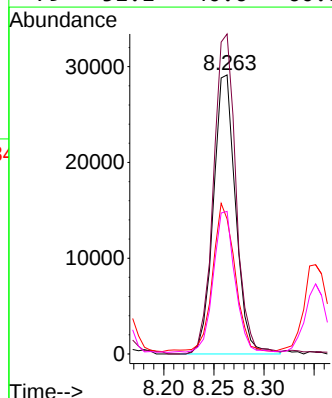
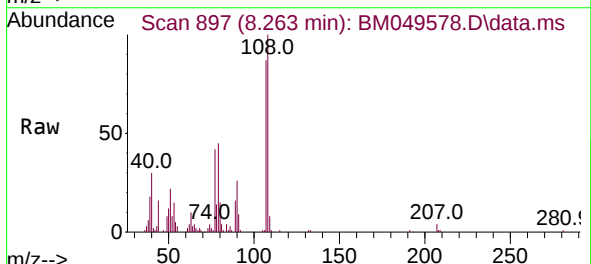
Manual Integrations
APPROVED

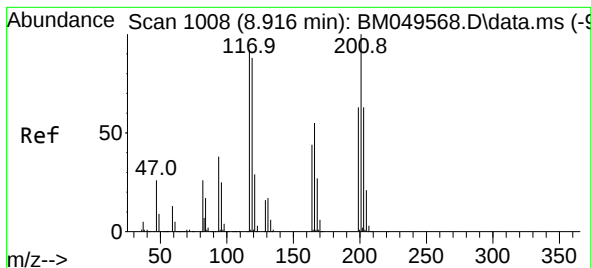
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#17
2-Methylphenol
Concen: 5.022 ng
RT: 8.263 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:107 Resp: 45076
Ion Ratio Lower Upper
107 100
108 114.7 92.2 138.4
77 48.4 41.3 61.9
79 51.1 40.6 60.8





#18

Hexachloroethane

Concen: 5.532 ng

RT: 8.916 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BM049578.D

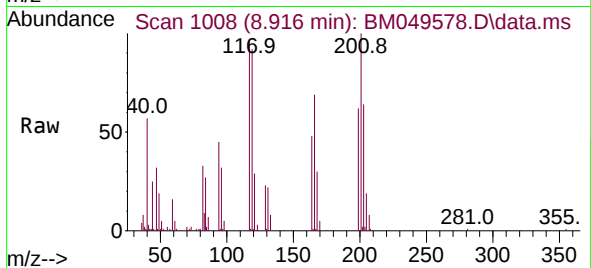
Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

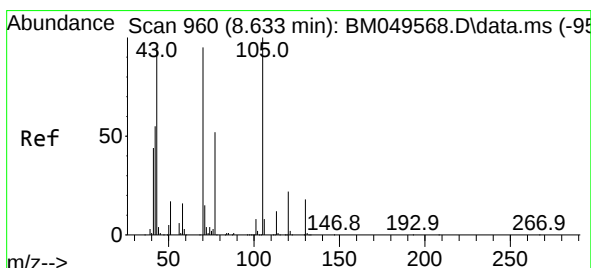
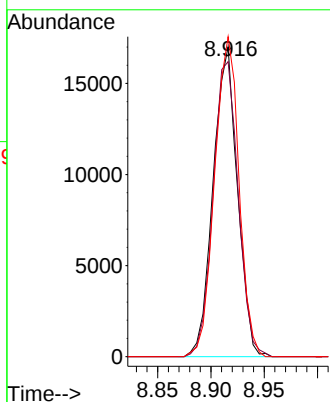
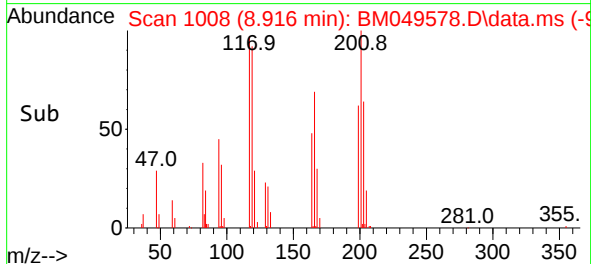
LOQ-WATER-02-QT1-2025



Tgt Ion:	117	Resp:	2694
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.8	115.2
201	103.2	87.0	130.6

Manual Integrations
APPROVED

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



#19

n-Nitroso-di-n-propylamine

Concen: 5.338 ng

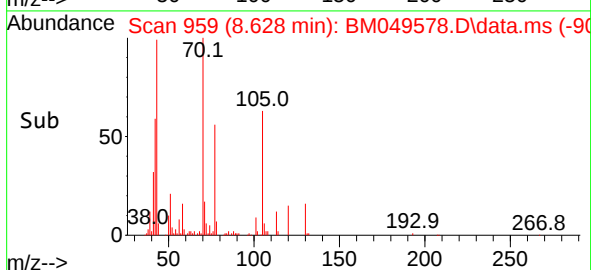
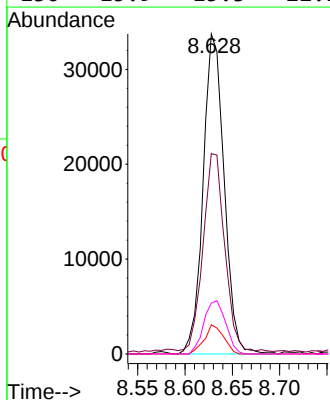
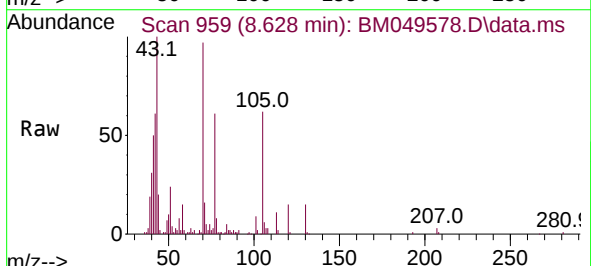
RT: 8.628 min Scan# 959

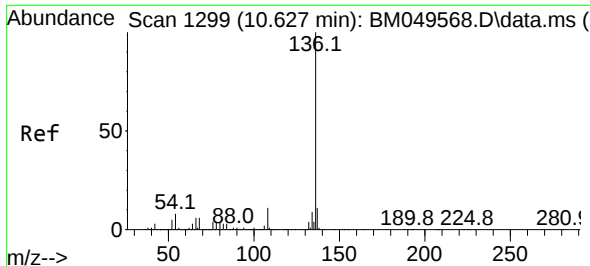
Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

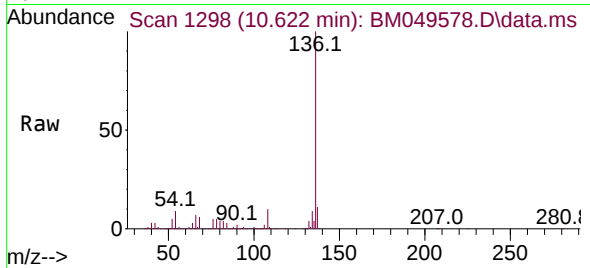
Tgt Ion:	70	Resp:	52092
Ion Ratio	Lower	Upper	
70	100		
42	62.6	47.4	71.2
101	9.1	7.1	10.7
130	15.9	15.3	22.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

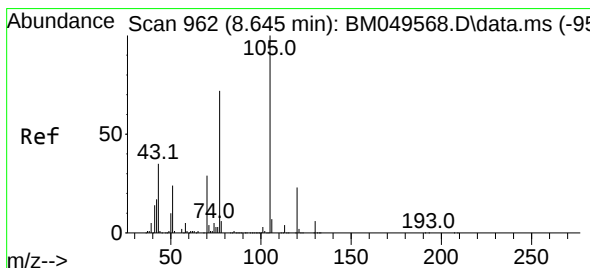
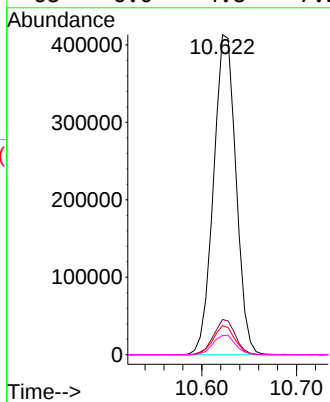
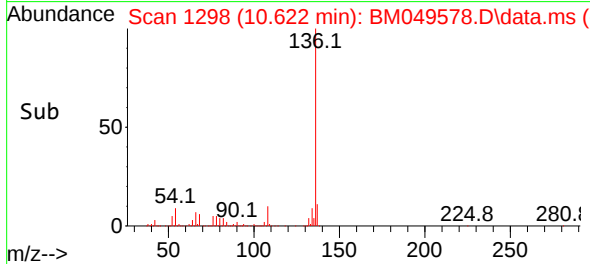
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:136 Resp: 681074
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 6.6 10.0
68 6.0 4.8 7.2

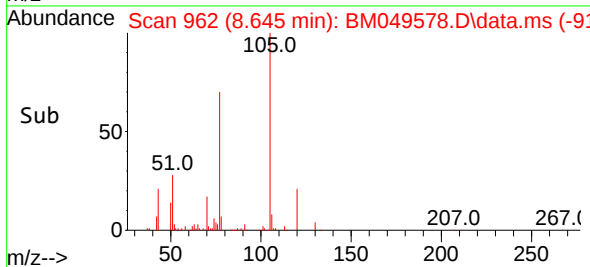
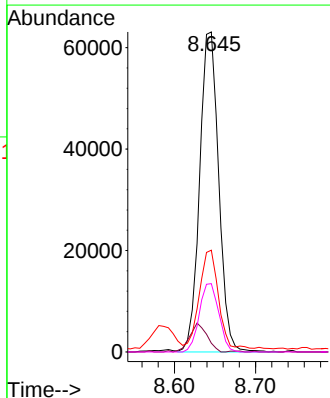
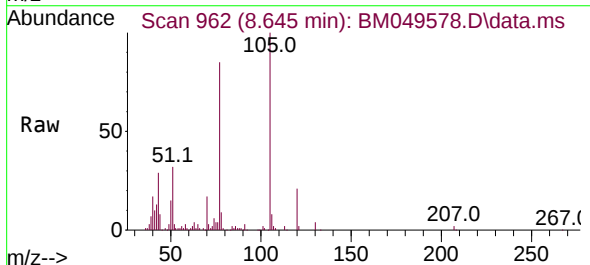
Manual Integrations
APPROVED

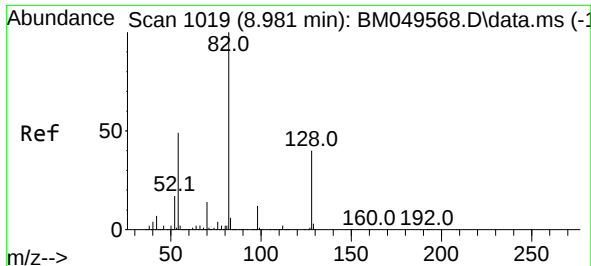
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#22
Acetophenone
Concen: 5.610 ng
RT: 8.645 min Scan# 962
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:105 Resp: 102903
Ion Ratio Lower Upper
105 100
71 2.7 3.5 5.3#
51 31.8 21.7 32.5
120 21.4 18.1 27.1





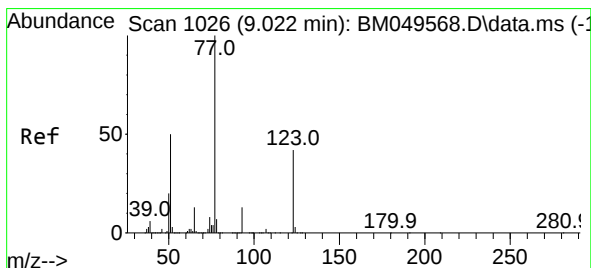
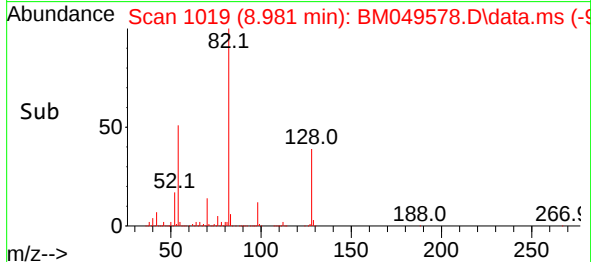
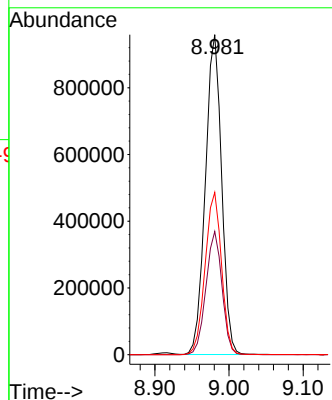
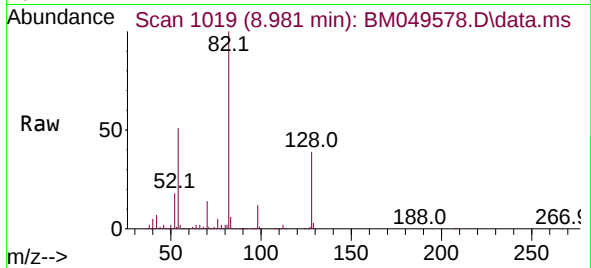
#23
Nitrobenzene-d5
Concen: 110.181 ng
RT: 8.981 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

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

Tgt Ion: 82 Resp: 145889
Ion Ratio Lower Upper
82 100
128 38.5 31.6 47.4
54 50.7 39.4 59.0

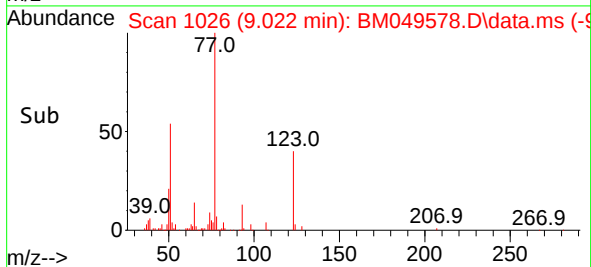
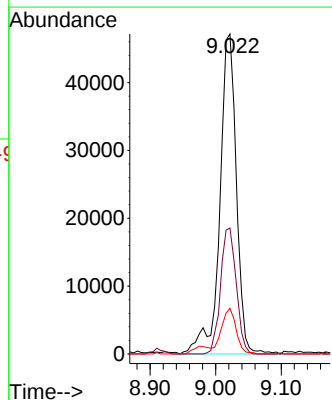
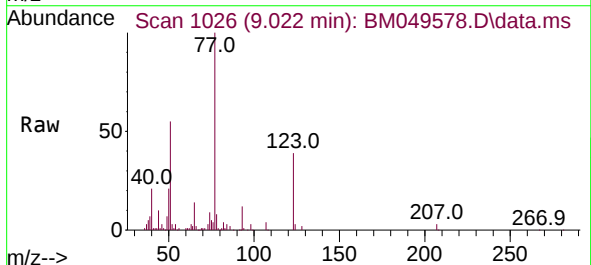
Manual Integrations
APPROVED

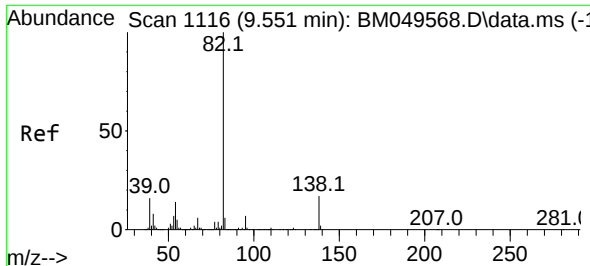
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#24
Nitrobenzene
Concen: 6.434 ng
RT: 9.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

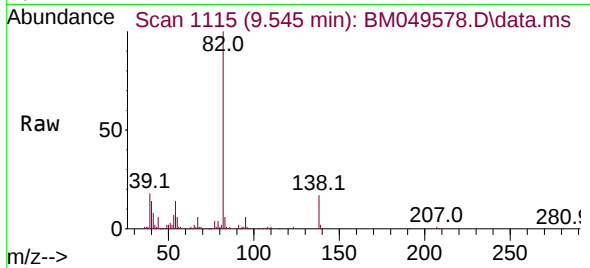
Tgt Ion: 77 Resp: 82773
Ion Ratio Lower Upper
77 100
123 39.4 33.4 50.2
65 14.2 10.5 15.7





#25
Isophorone
Concen: 5.641 ng
RT: 9.545 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

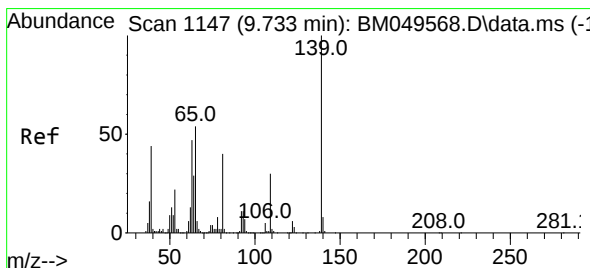
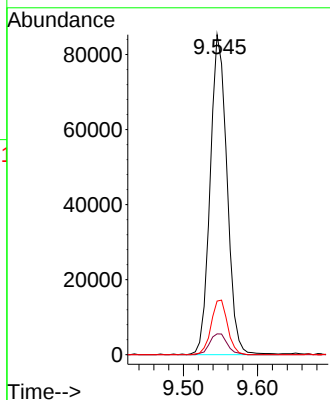
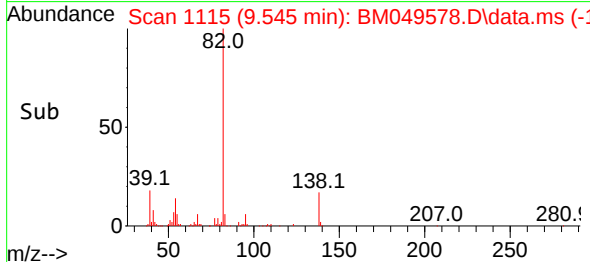
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 82 Resp: 134709
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 16.8 13.6 20.4

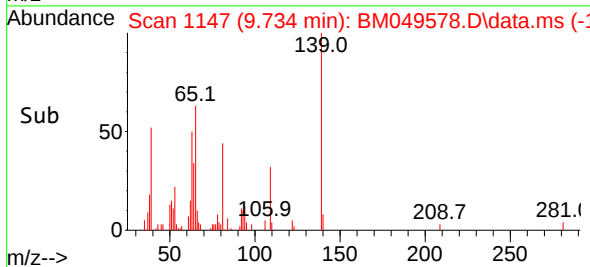
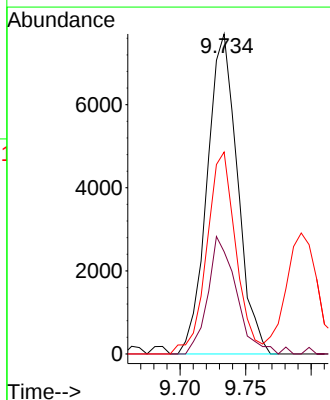
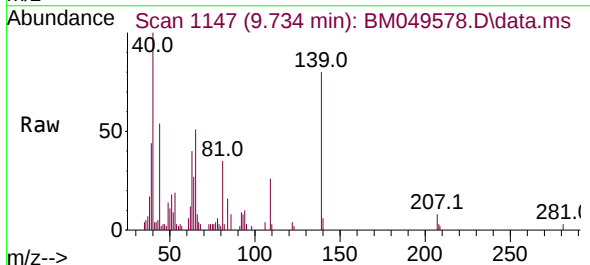
Manual Integrations
APPROVED

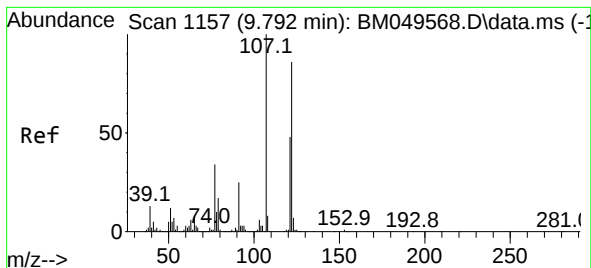
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#26
2-Nitrophenol
Concen: 5.300 ng
RT: 9.734 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

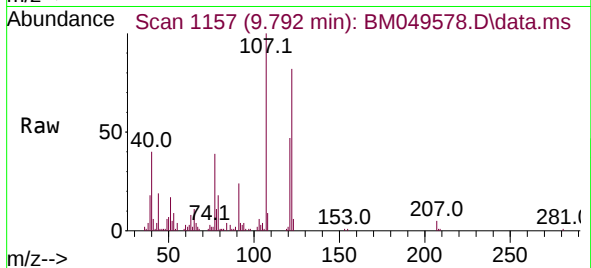
Tgt Ion:139 Resp: 12415
Ion Ratio Lower Upper
139 100
109 31.9 24.2 36.2
65 63.1 43.4 65.2





#27
2,4-Dimethylphenol
Concen: 4.831 ng m
RT: 9.792 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

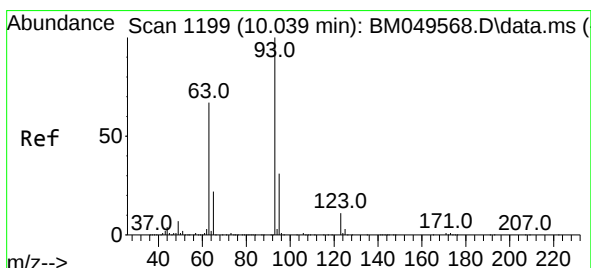
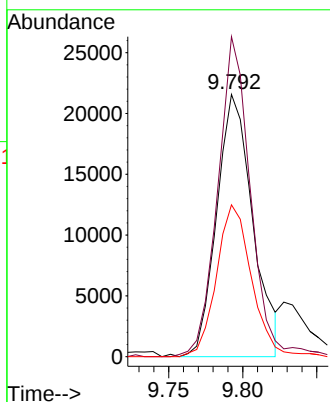
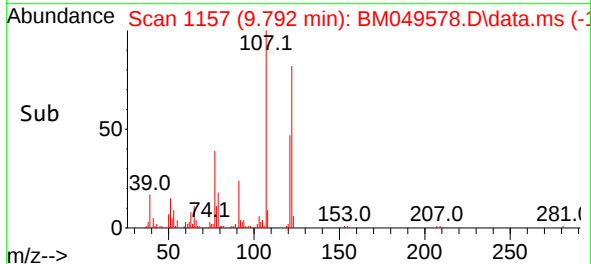
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:122 Resp: 36479
Ion Ratio Lower Upper
122 100
107 122.0 93.2 139.8
121 57.9 44.4 66.6

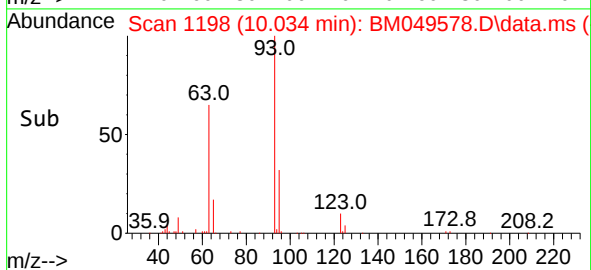
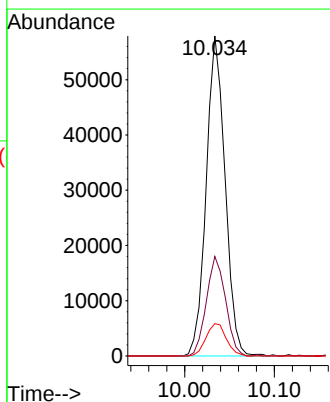
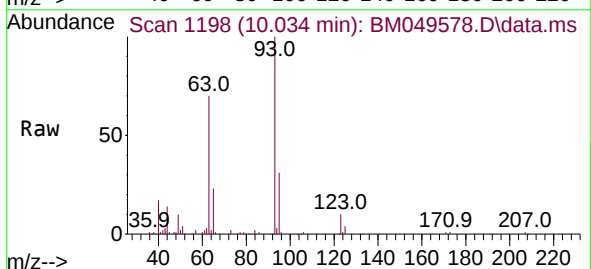
Manual Integrations
APPROVED

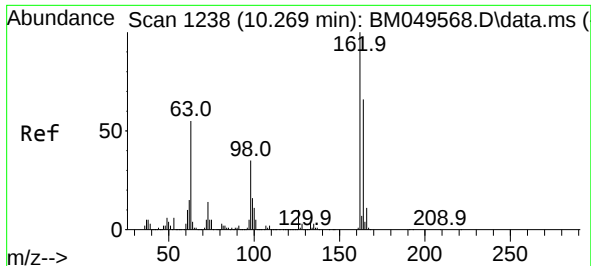
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 5.502 ng
RT: 10.034 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion: 93 Resp: 84626
Ion Ratio Lower Upper
93 100
95 31.1 25.2 37.8
123 10.1 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 4.137 ng

RT: 10.263 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BM049578.D

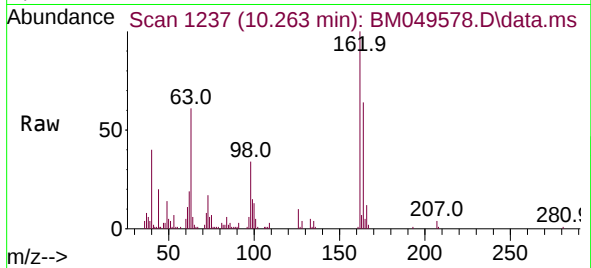
Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025



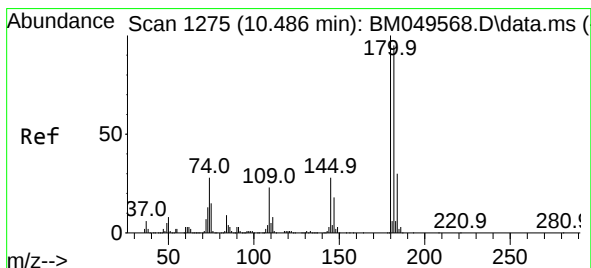
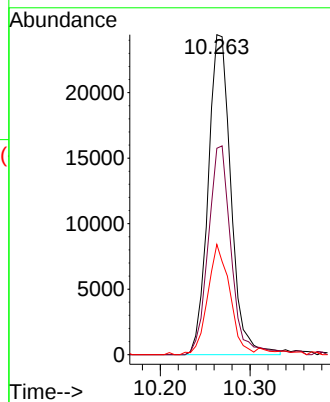
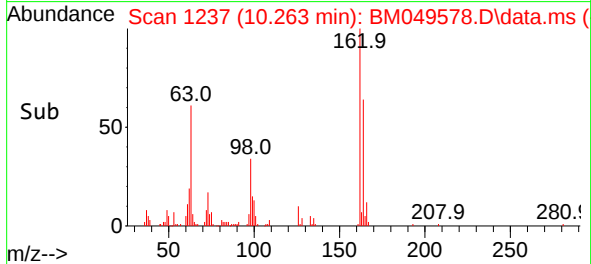
Tgt Ion:162 Resp: 4302

Ion	Ratio	Lower	Upper
162	100		
164	64.5	46.0	86.0
98	34.4	14.7	54.7

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 5.502 ng

RT: 10.486 min Scan# 1275

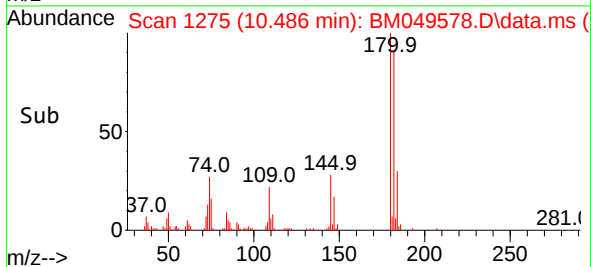
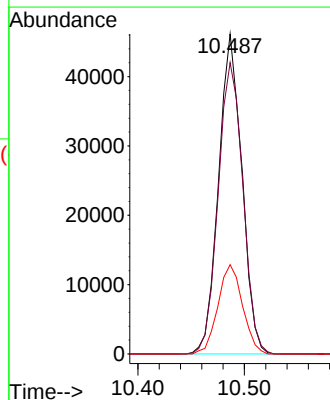
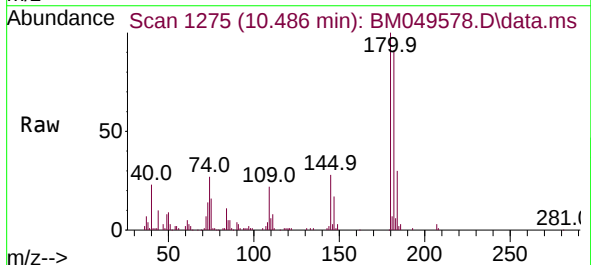
Delta R.T. 0.000 min

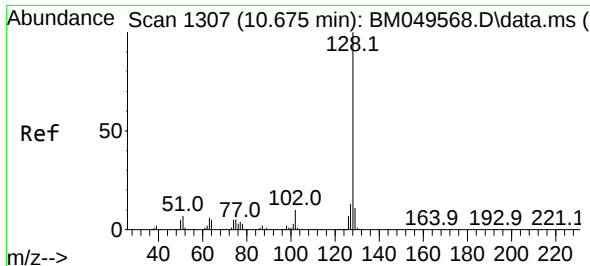
Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Tgt Ion:180 Resp: 70090

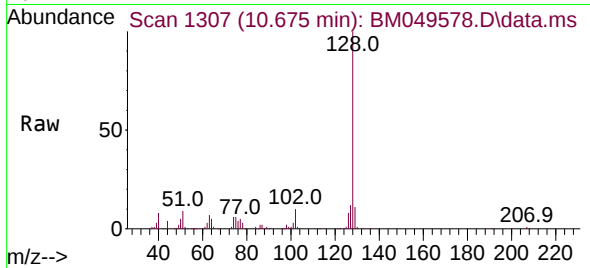
Ion	Ratio	Lower	Upper
180	100		
182	91.1	76.4	114.6
145	27.9	22.5	33.7





#31
Naphthalene
Concen: 5.358 ng
RT: 10.675 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

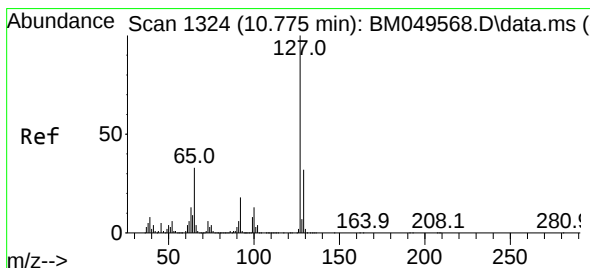
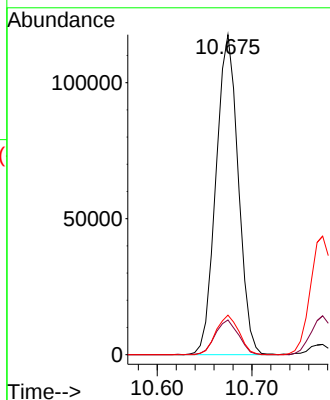
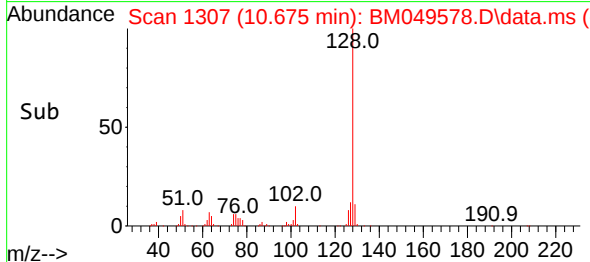
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



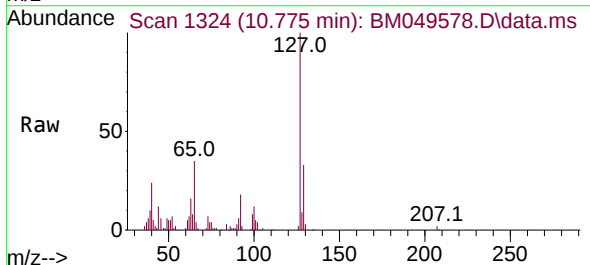
Tgt Ion:128 Resp: 19245
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.4 10.6 15.8

Manual Integrations
APPROVED

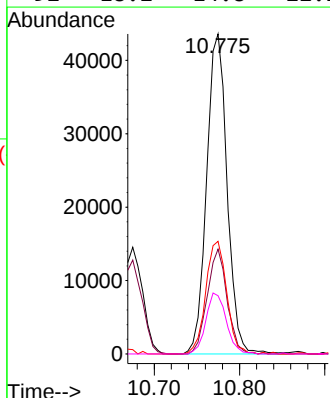
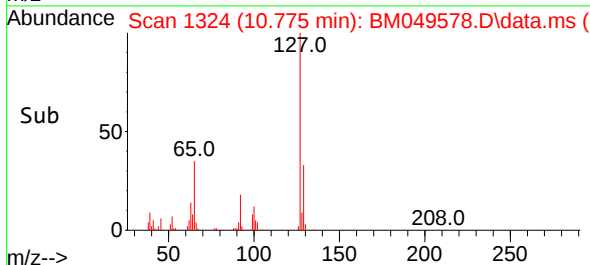
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

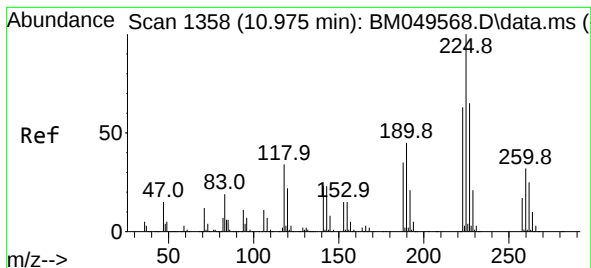


#33
4-Chloroaniline
Concen: 5.414 ng
RT: 10.775 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01



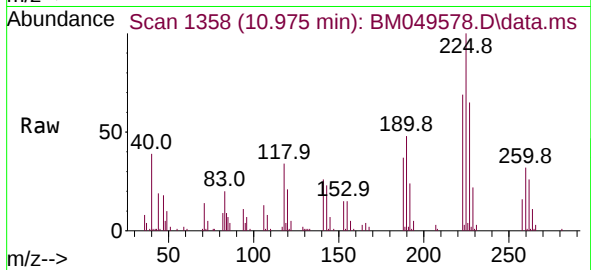
Tgt Ion:127 Resp: 72797
Ion Ratio Lower Upper
127 100
129 32.8 25.8 38.8
65 35.2 26.4 39.6
92 18.2 14.8 22.2





#34
Hexachlorobutadiene
Concen: 5.385 ng
RT: 10.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

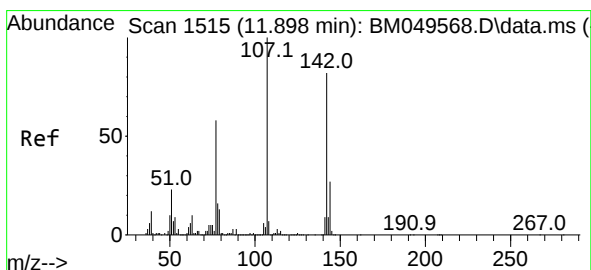
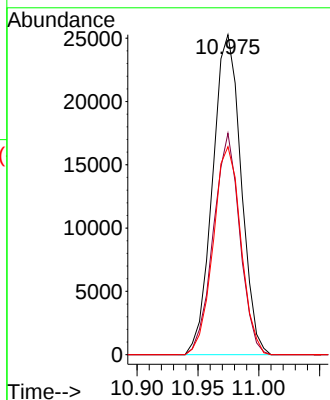
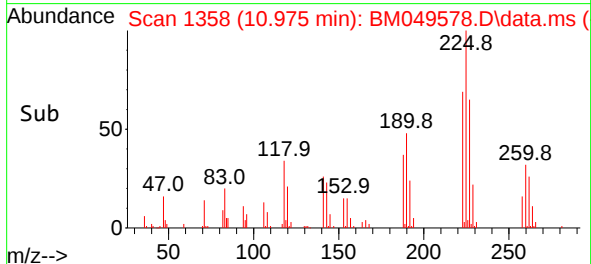
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



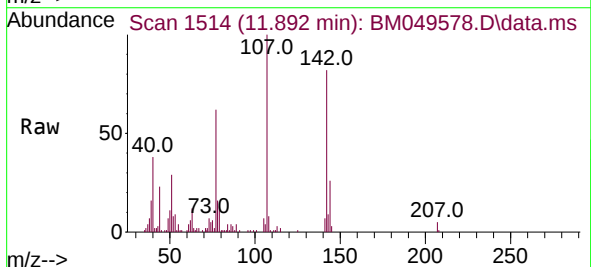
Tgt Ion:225 Resp: 41079
Ion Ratio Lower Upper
225 100
223 72.1 50.6 75.8
227 65.0 51.8 77.6

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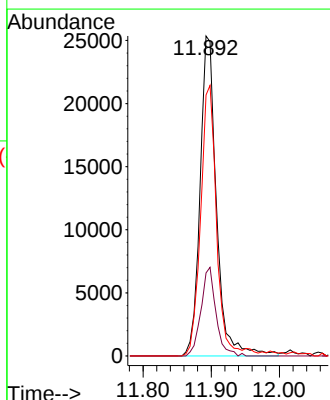
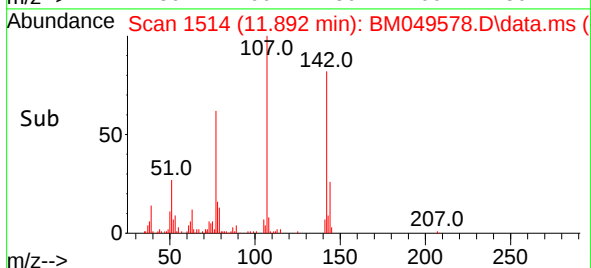
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

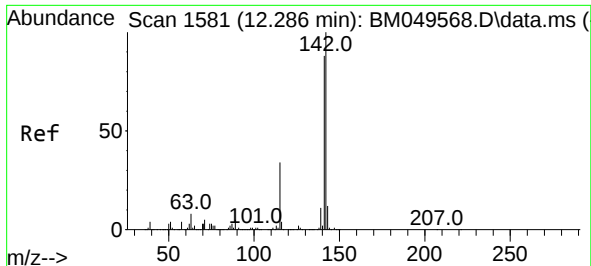


#36
4-Chloro-3-methylphenol
Concen: 4.100 ng
RT: 11.892 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01



Tgt Ion:107 Resp: 42513
Ion Ratio Lower Upper
107 100
144 25.9 21.2 31.8
142 81.5 65.4 98.2





#37

2-Methylnaphthalene

Concen: 5.088 ng

RT: 12.286 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

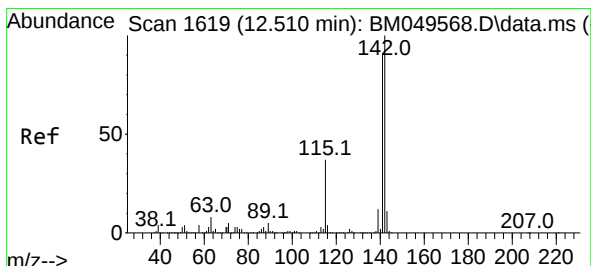
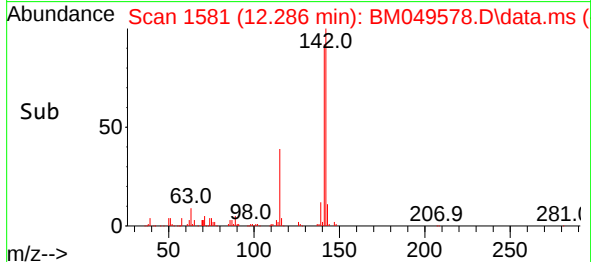
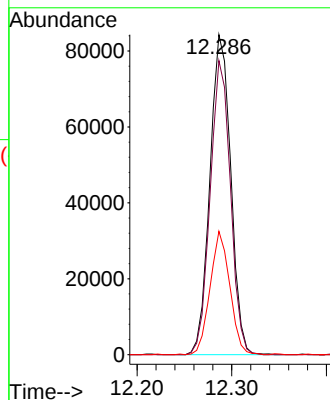
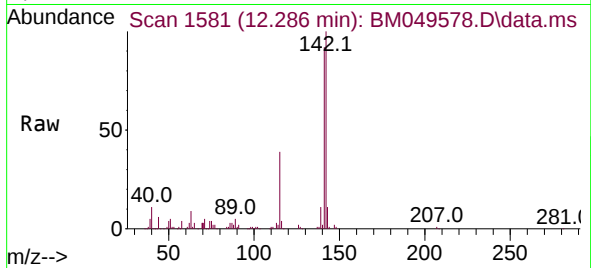
Tgt Ion:142 Resp: 128669

Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.2	105.4
115	38.6	27.5	41.3

Manual Integrations

APPROVED

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



#38

1-Methylnaphthalene

Concen: 4.933 ng

RT: 12.510 min Scan# 1619

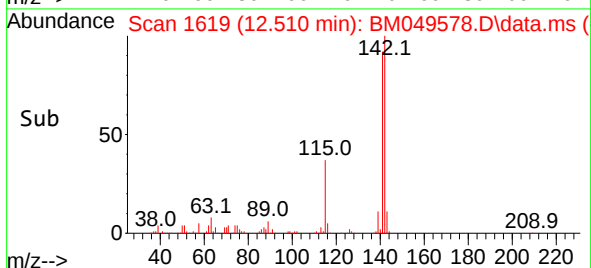
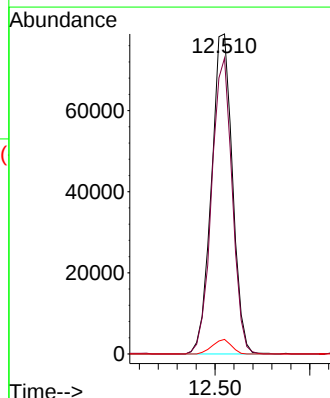
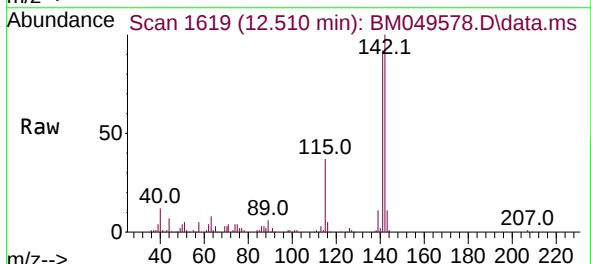
Delta R.T. 0.000 min

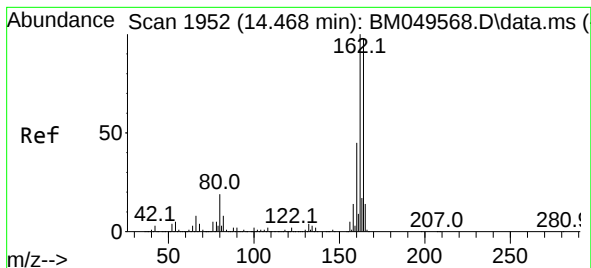
Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Tgt Ion:142 Resp: 121390

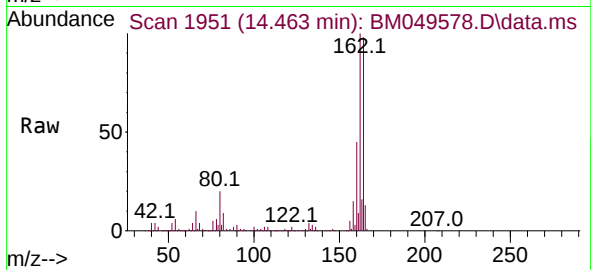
Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.1	109.7
116	4.5	3.1	4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

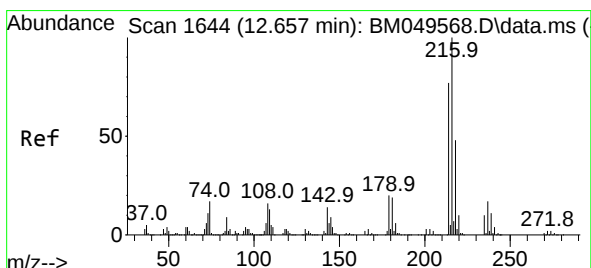
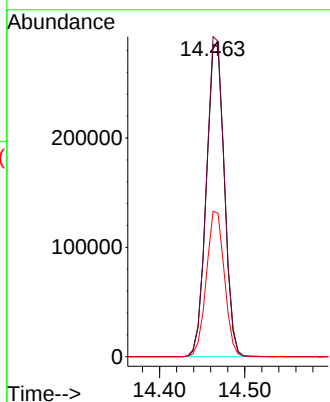
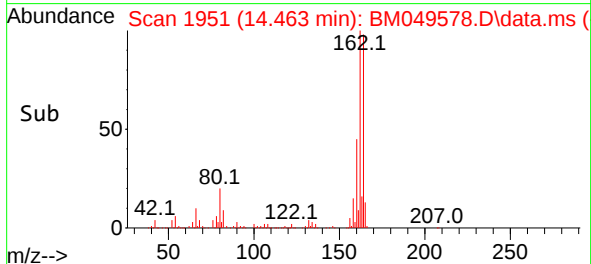
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:164 Resp: 41866
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 46.6 36.2 54.4

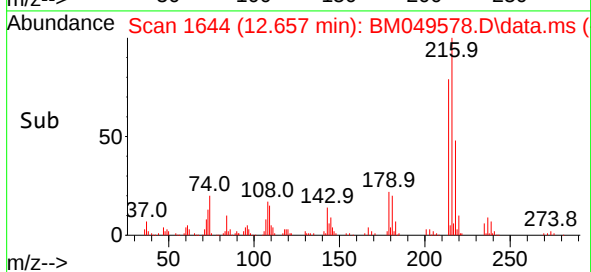
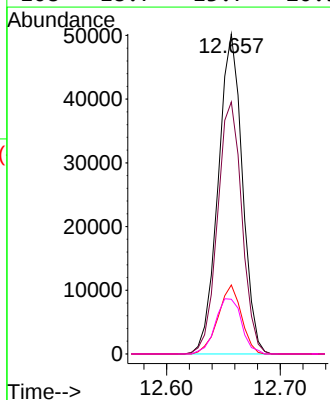
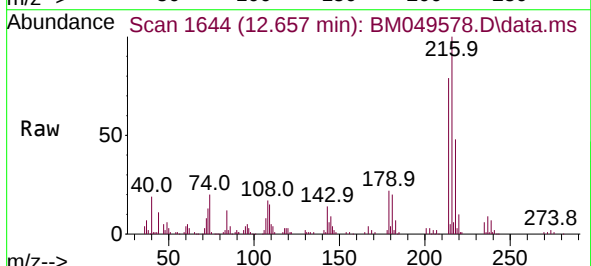
Manual Integrations
APPROVED

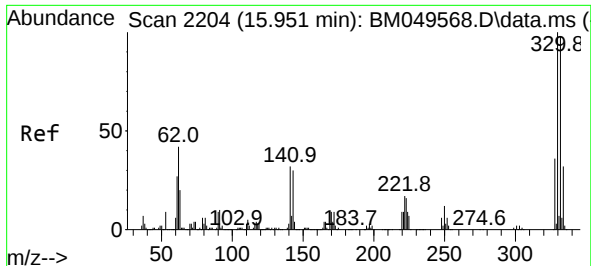
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.398 ng
RT: 12.657 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

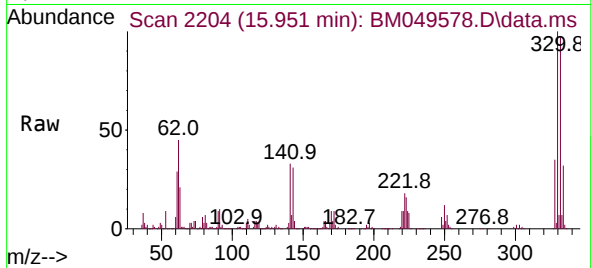
Tgt Ion:216 Resp: 74310
Ion Ratio Lower Upper
216 100
214 79.2 62.4 93.6
179 20.8 16.3 24.5
108 18.7 13.7 20.5





#42
2,4,6-Tribromophenol
Concen: 147.950 ng
RT: 15.951 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

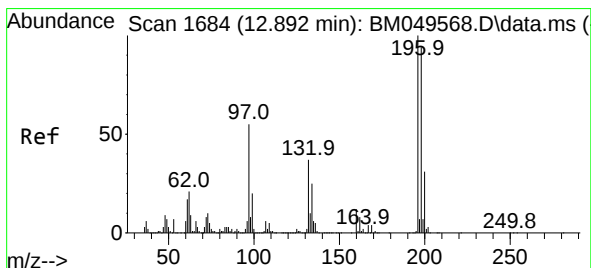
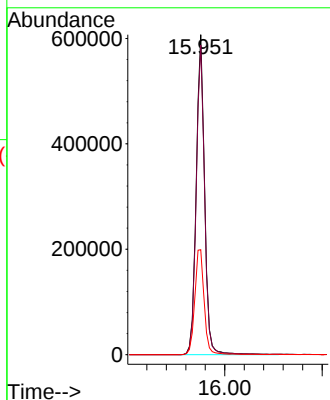
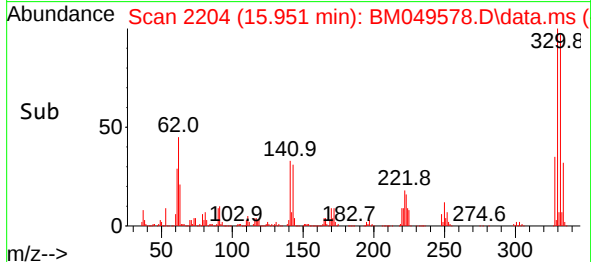
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



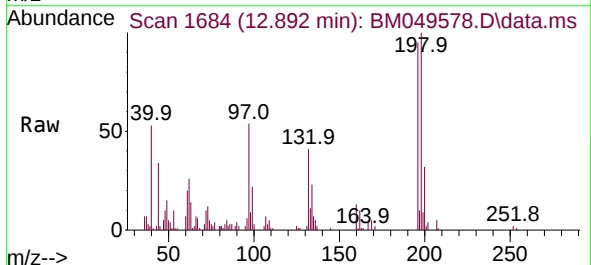
Tgt Ion:330 Resp: 733950
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 36.6 28.2 42.2

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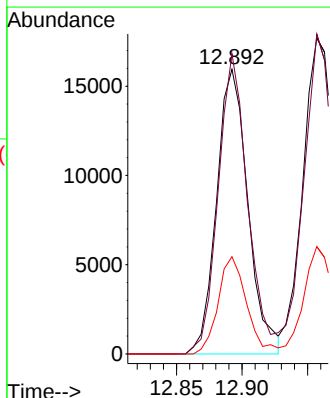
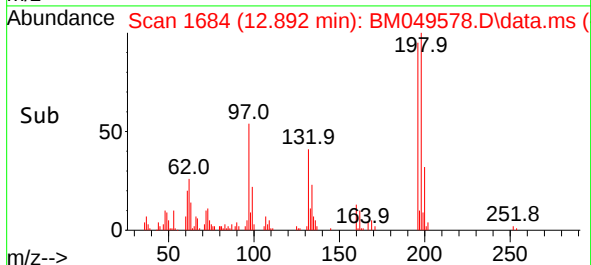
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

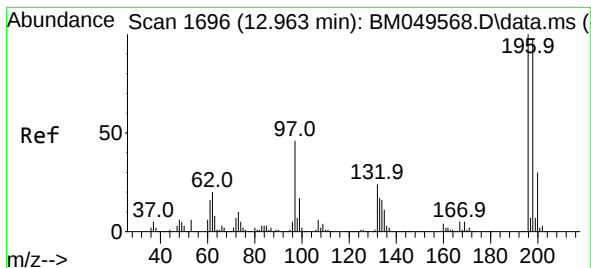


#43
2,4,6-Trichlorophenol
Concen: 3.535 ng
RT: 12.892 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01



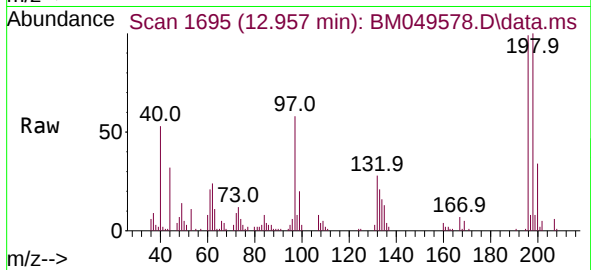
Tgt Ion:196 Resp: 26556
Ion Ratio Lower Upper
196 100
198 105.4 75.4 113.0
200 34.2 25.1 37.7





#44
2,4,5-Trichlorophenol
Concen: 4.081 ng
RT: 12.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

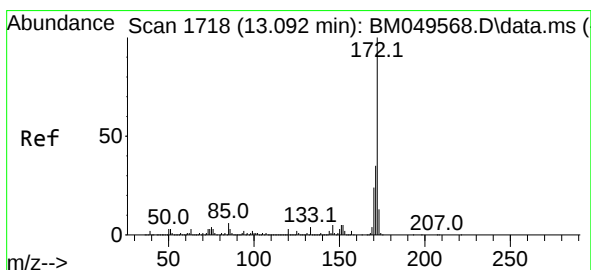
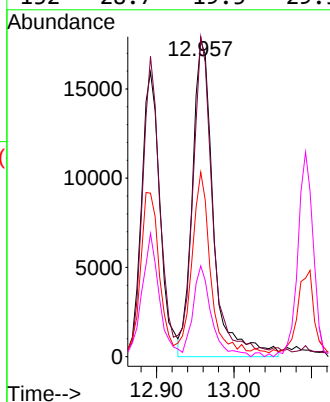
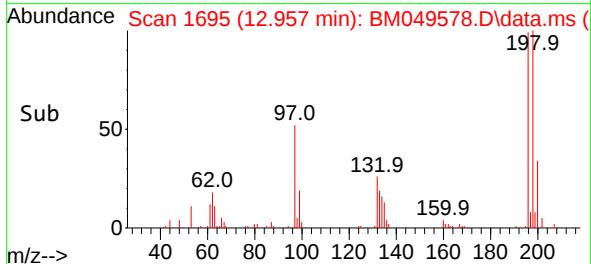
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:196 Resp: 3368
Ion Ratio Lower Upper
196 100
198 101.3 78.4 117.6
97 58.4 37.4 56.0
132 28.7 19.5 29.3

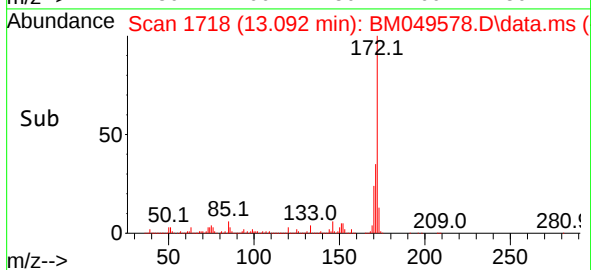
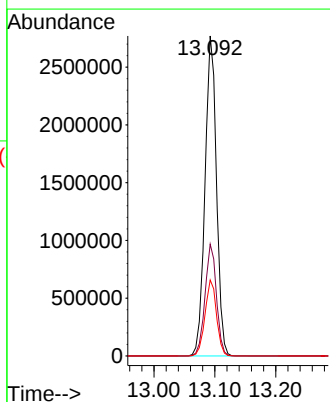
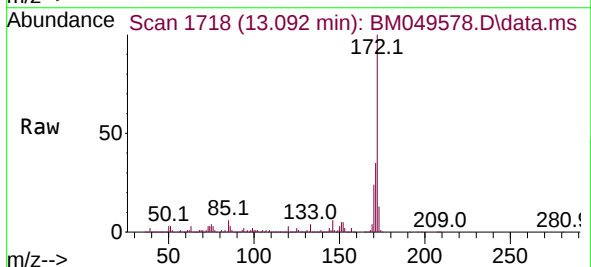
Manual Integrations
APPROVED

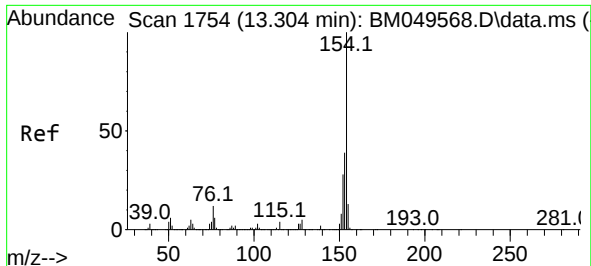
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#45
2-Fluorobiphenyl
Concen: 112.118 ng
RT: 13.092 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

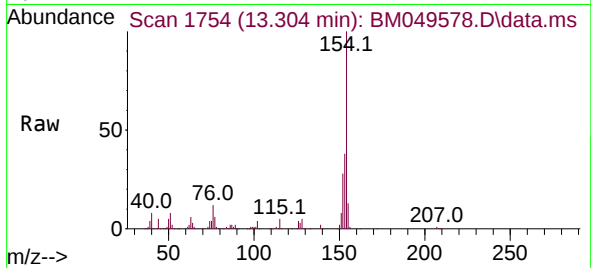
Tgt Ion:172 Resp: 3623418
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.7 19.0 28.4





#46
1,1'-Biphenyl
Concen: 5.635 ng
RT: 13.304 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

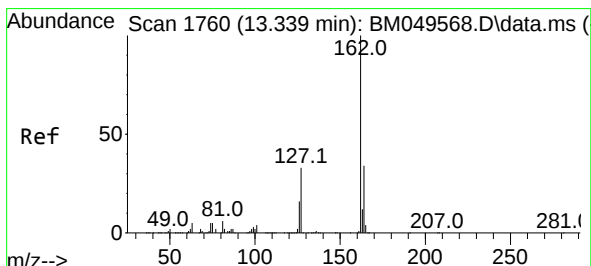
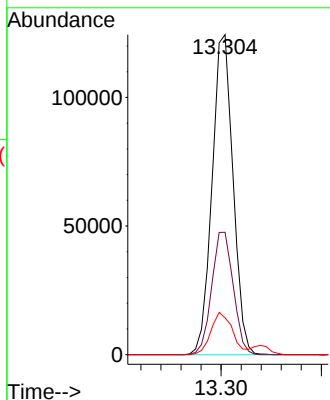
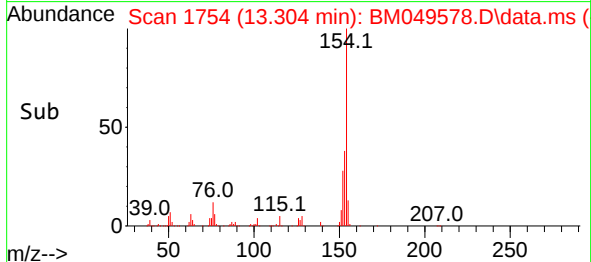
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



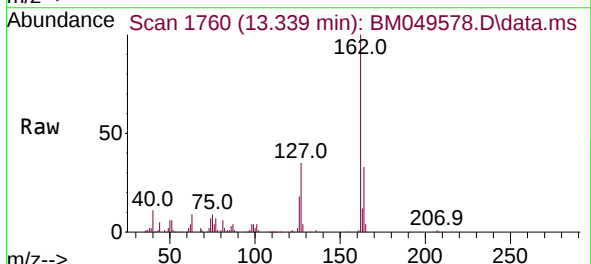
Tgt Ion:154 Resp: 17995
Ion Ratio Lower Upper
154 100
153 38.3 19.5 59.5
76 11.5 0.0 32.1

Manual Integrations
APPROVED

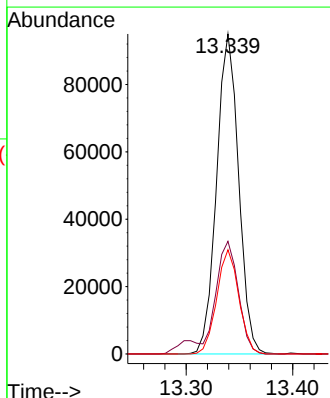
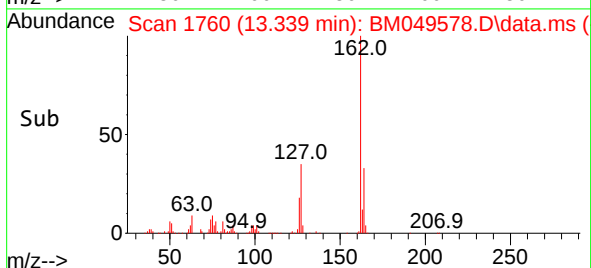
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

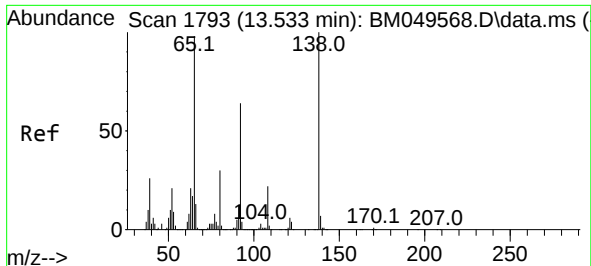


#47
2-Chloronaphthalene
Concen: 5.509 ng
RT: 13.339 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01



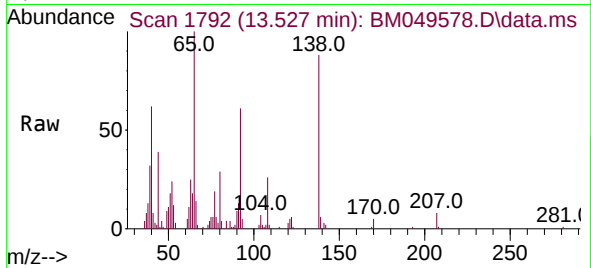
Tgt Ion:162 Resp: 136131
Ion Ratio Lower Upper
162 100
127 35.2 27.9 41.9
164 32.5 26.8 40.2





#48
2-Nitroaniline
Concen: 4.225 ng
RT: 13.527 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

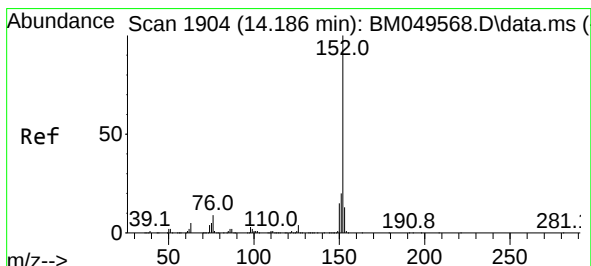
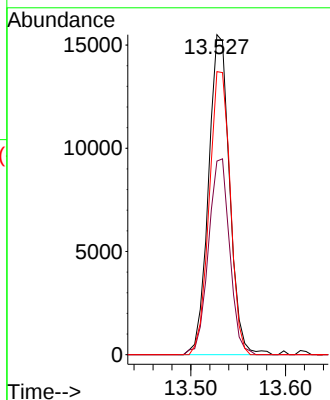
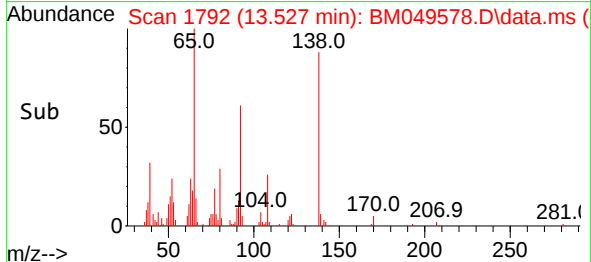
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 65 Resp: 2395
Ion Ratio Lower Upper
65 100
92 60.5 52.0 78.0
138 88.4 81.6 122.4

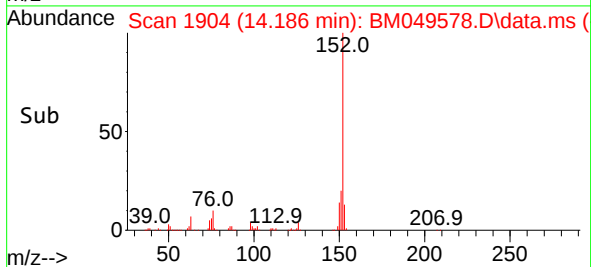
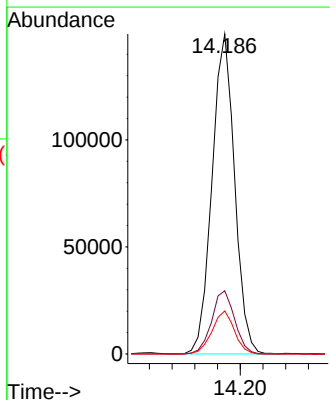
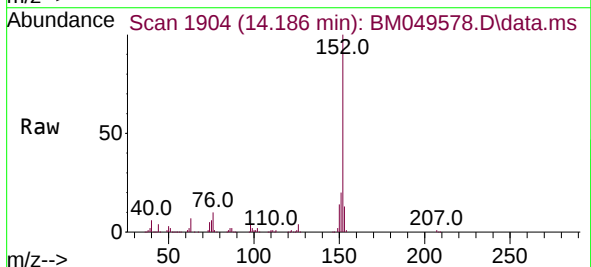
Manual Integrations
APPROVED

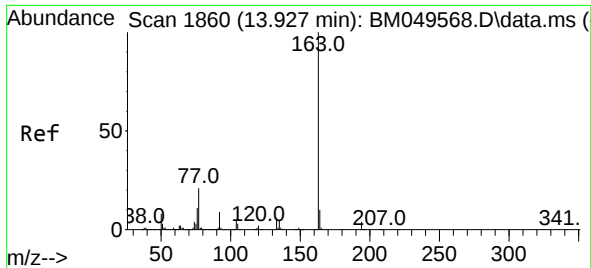
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#49
Acenaphthylene
Concen: 5.664 ng
RT: 14.186 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

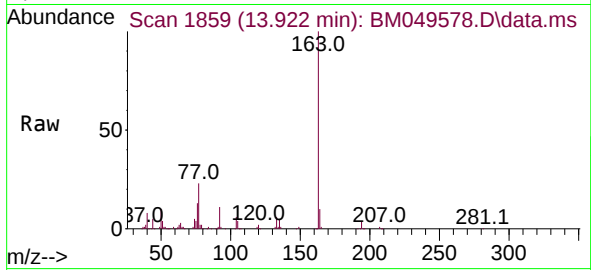
Tgt Ion:152 Resp: 206393
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.5 10.6 16.0





#50
Dimethylphthalate
Concen: 4.976 ng
RT: 13.922 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

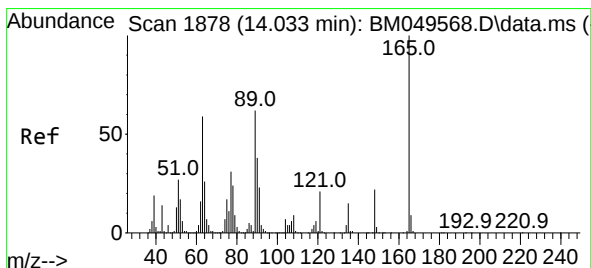
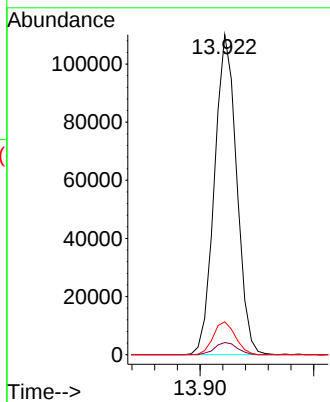
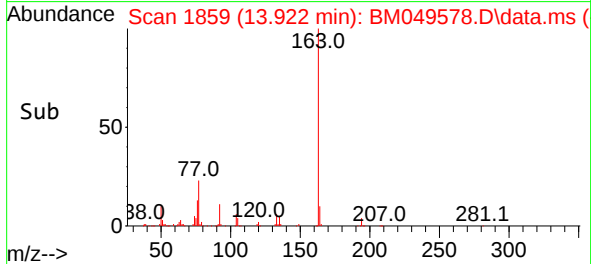
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:163 Resp: 149608
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.3 8.1 12.1

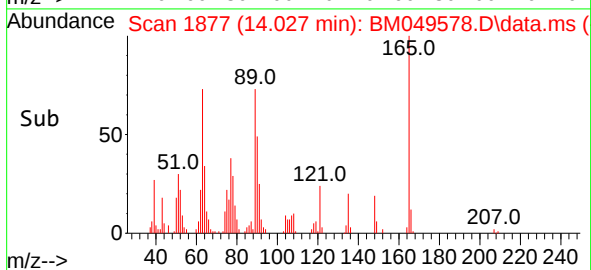
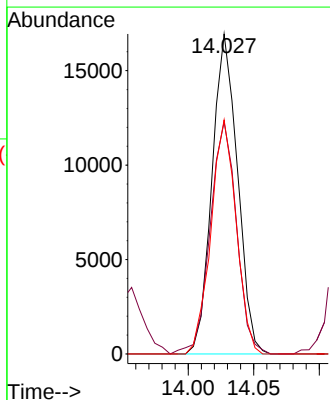
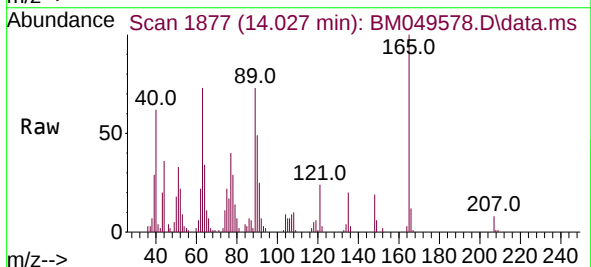
Manual Integrations
APPROVED

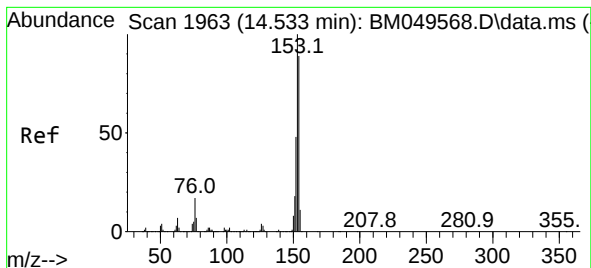
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#51
2,6-Dinitrotoluene
Concen: 4.397 ng
RT: 14.027 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

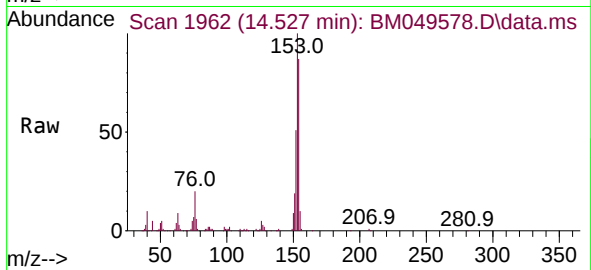
Tgt Ion:165 Resp: 22878
Ion Ratio Lower Upper
165 100
63 72.5 47.8 71.6#
89 73.2 49.2 73.8





#52
Acenaphthene
Concen: 4.984 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

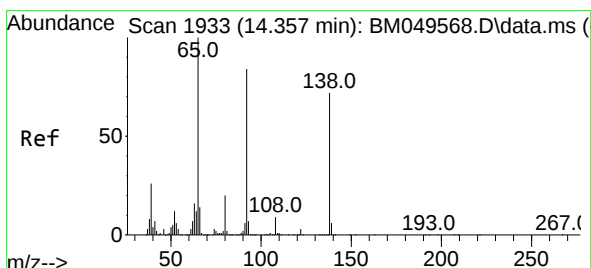
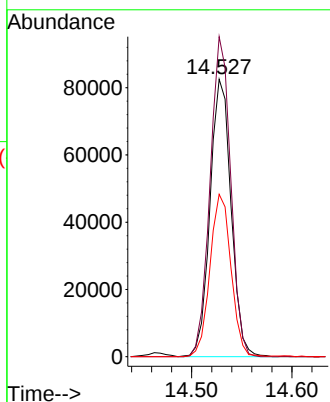
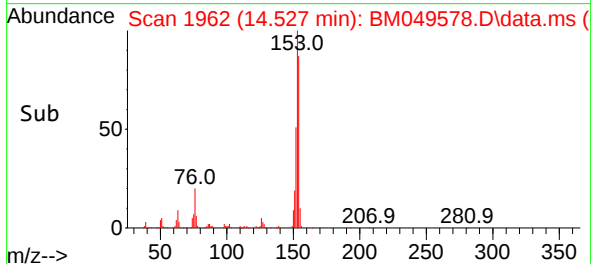
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



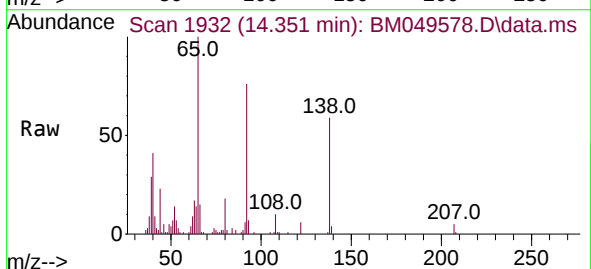
Tgt Ion:154 Resp: 120540
Ion Ratio Lower Upper
154 100
153 115.3 90.0 135.0
152 58.5 43.0 64.4

Manual Integrations
APPROVED

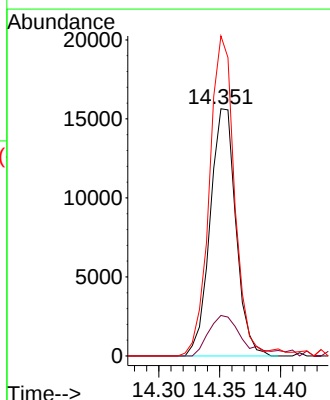
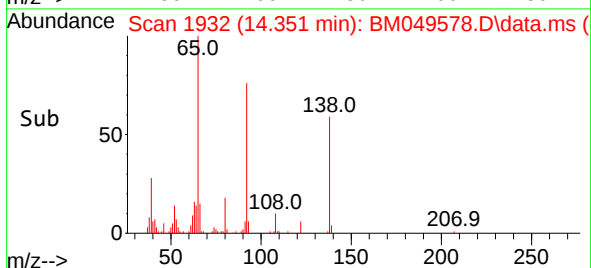
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

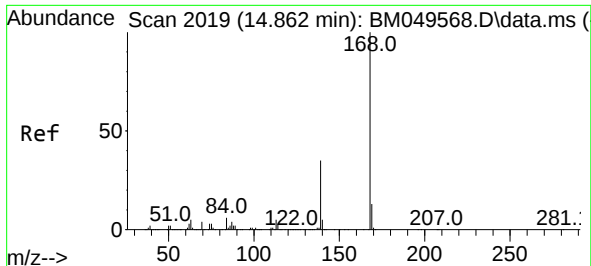


#53
3-Nitroaniline
Concen: 4.357 ng
RT: 14.351 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01



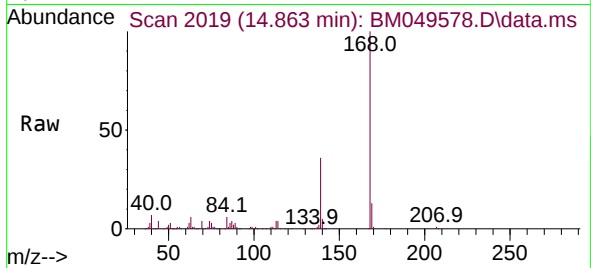
Tgt Ion:138 Resp: 23077
Ion Ratio Lower Upper
138 100
108 16.4 10.3 15.5#
92 129.5 93.6 140.4





#55
Dibenzenofuran
Concen: 5.234 ng
RT: 14.863 min Scan# 20156
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

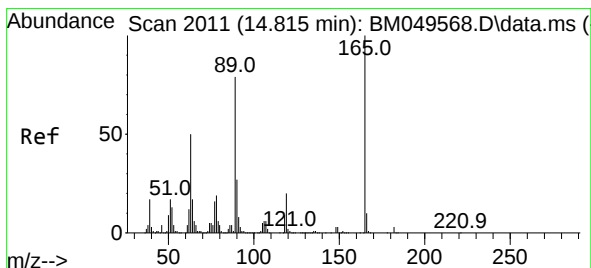
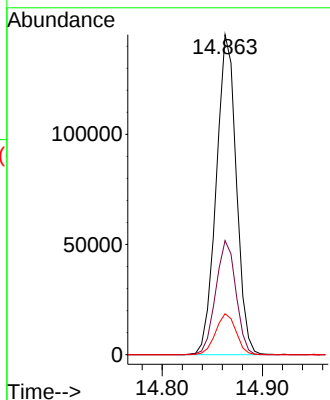
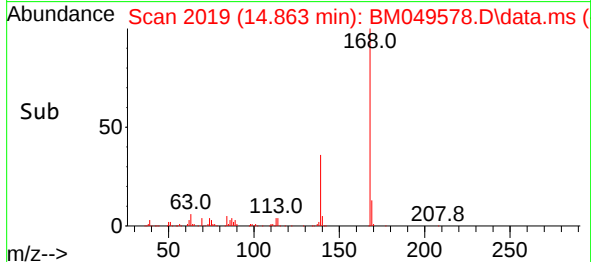
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:168 Resp: 20156
Ion Ratio Lower Upper
168 100
139 35.7 28.4 42.6
169 12.8 10.8 16.2

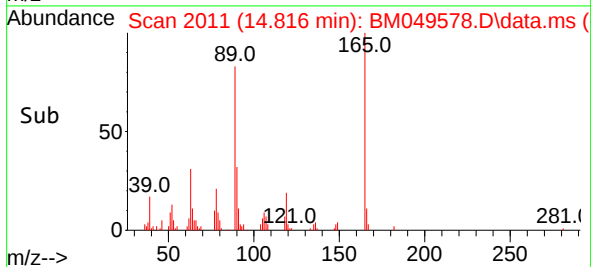
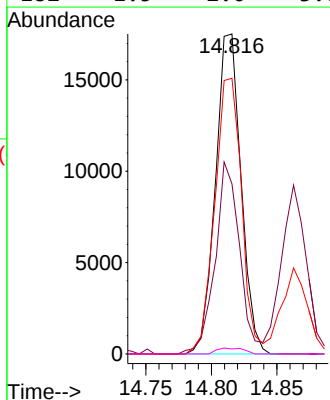
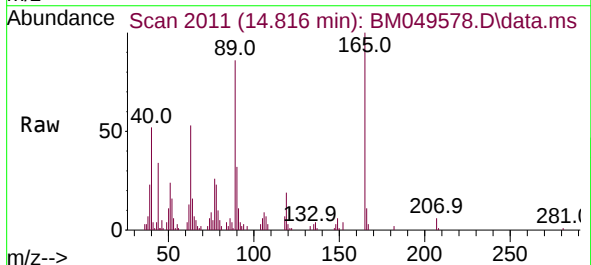
Manual Integrations
APPROVED

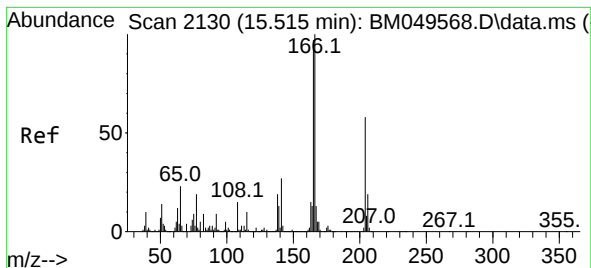
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#57
2,4-Dinitrotoluene
Concen: 6.299 ng
RT: 14.816 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:165 Resp: 23764
Ion Ratio Lower Upper
165 100
63 53.2 39.8 59.6
89 86.2 63.5 95.3
182 1.5 2.0 3.0#





#58

Fluorene

Concen: 4.823 ng

RT: 15.510 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:166 Resp: 15889

Ion Ratio Lower Upper

166 100

165 100.2 77.7 116.5

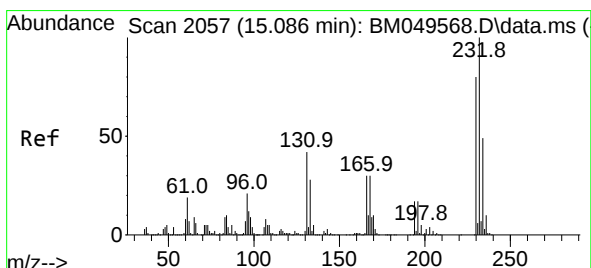
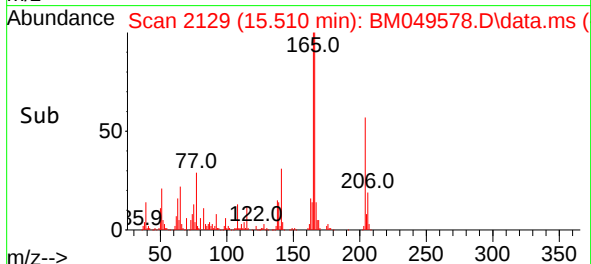
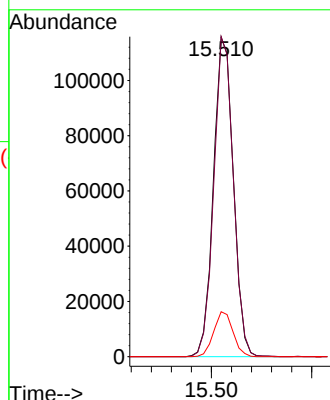
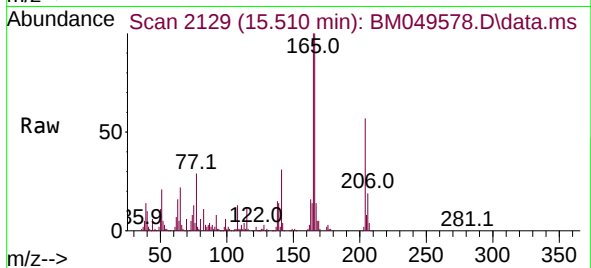
167 14.1 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.756 ng m

RT: 15.086 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Tgt Ion:232 Resp: 26194

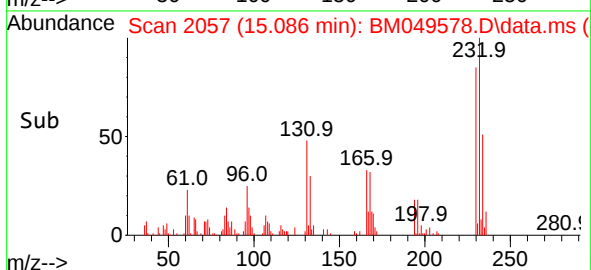
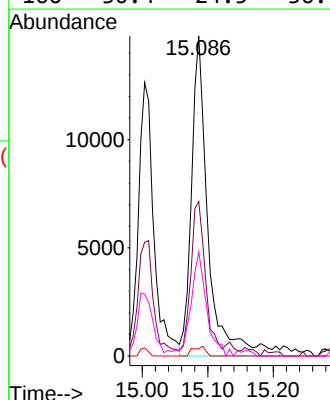
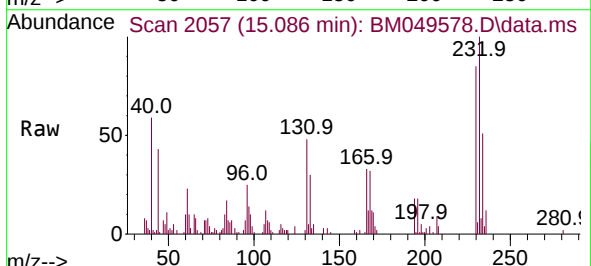
Ion Ratio Lower Upper

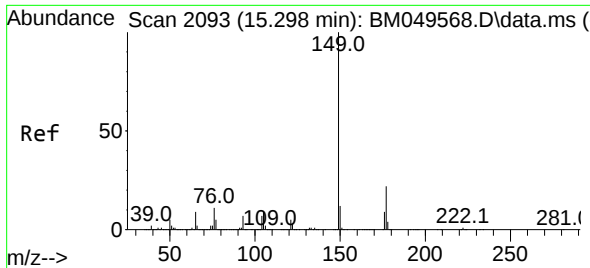
232 100

131 39.6 34.5 51.7

130 2.2 1.9 2.9

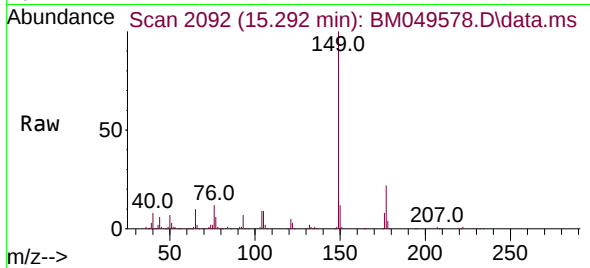
166 30.4 24.5 36.7





#60
Diethylphthalate
Concen: 4.715 ng
RT: 15.292 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

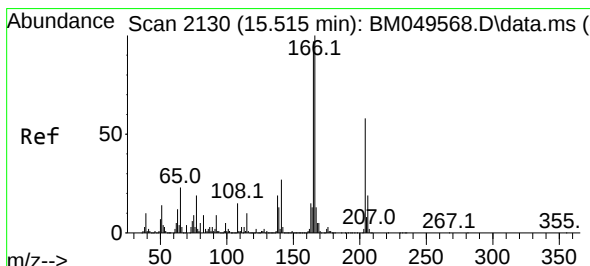
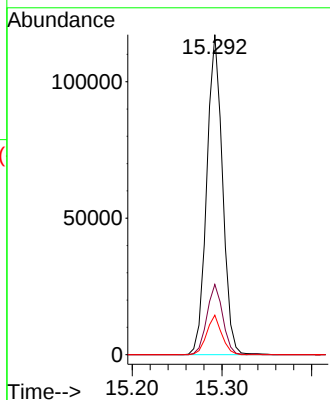
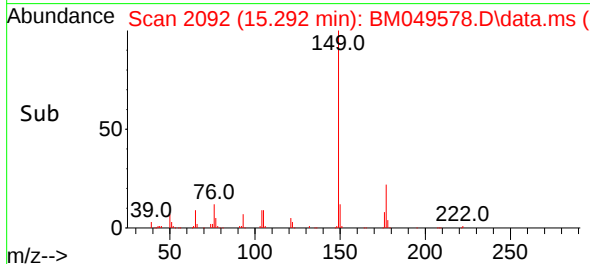
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:149 Resp: 142470
Ion Ratio Lower Upper
149 100
177 22.0 18.0 27.0
150 12.4 9.7 14.5

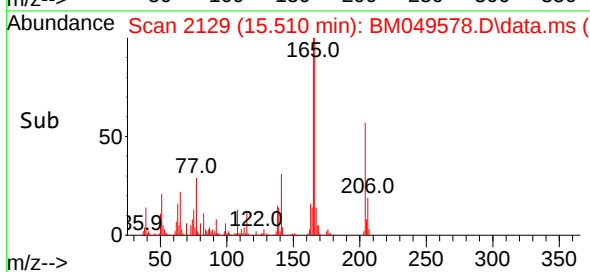
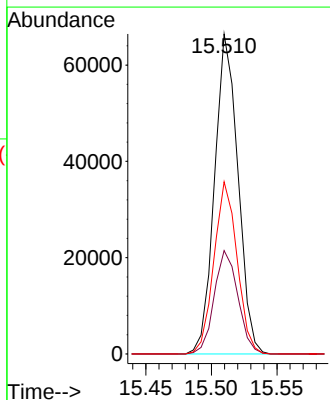
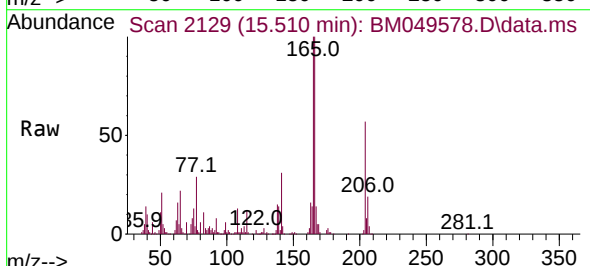
Manual Integrations
APPROVED

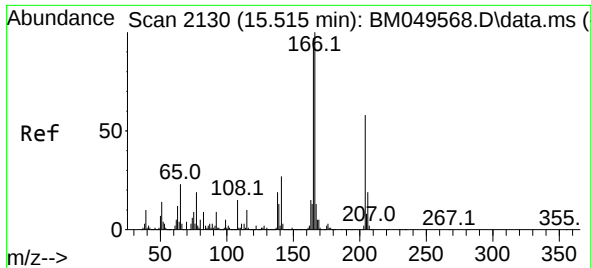
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#61
4-Chlorophenyl-phenylether
Concen: 4.696 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

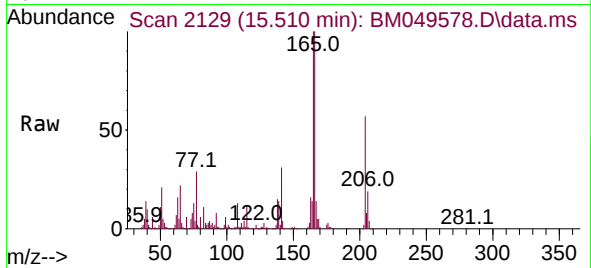
Tgt Ion:204 Resp: 82339
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 53.8 37.1 55.7





#62
4-Nitroaniline
Concen: 3.763 ng
RT: 15.510 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

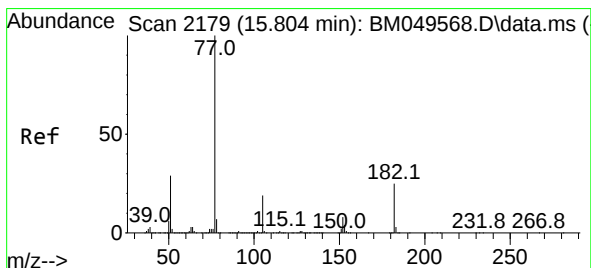
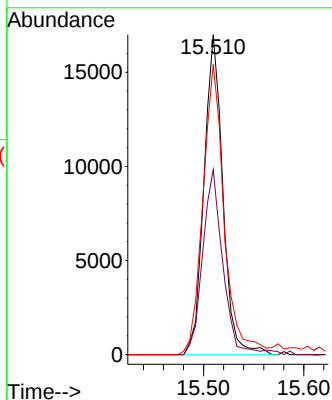
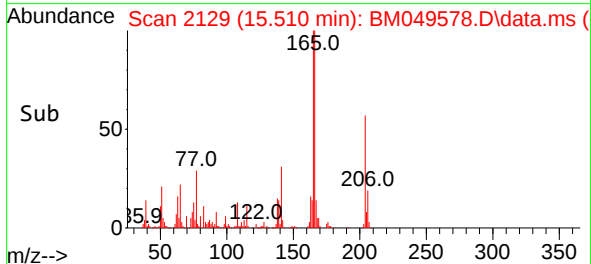
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion:138 Resp: 2232
Ion Ratio Lower Upper
138 100
92 57.8 29.3 69.3
108 90.7 60.1 100.1

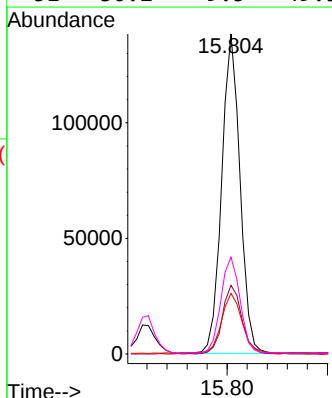
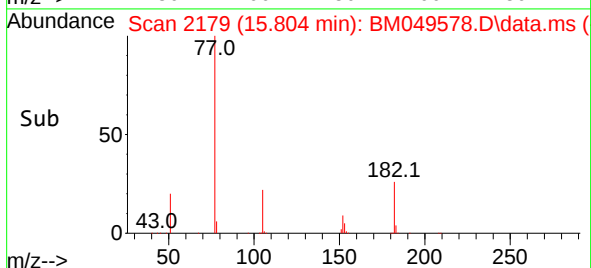
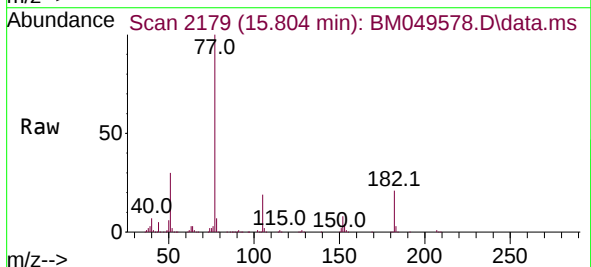
Manual Integrations
APPROVED

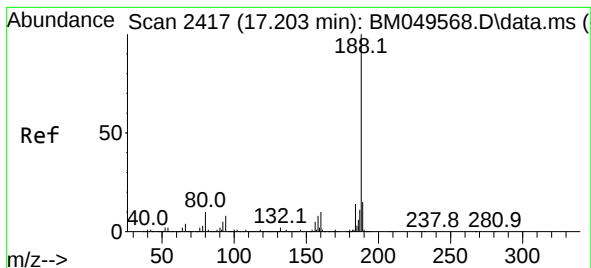
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#63
Azobenzene
Concen: 5.558 ng
RT: 15.804 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion: 77 Resp: 175284
Ion Ratio Lower Upper
77 100
182 21.4 4.7 44.7
105 18.9 0.0 39.3
51 30.2 9.5 49.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

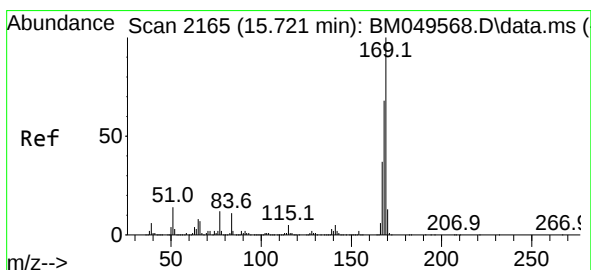
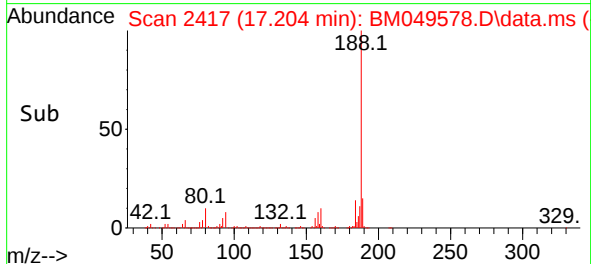
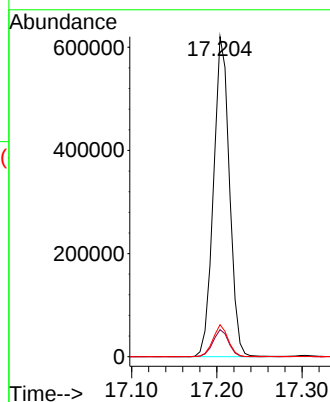
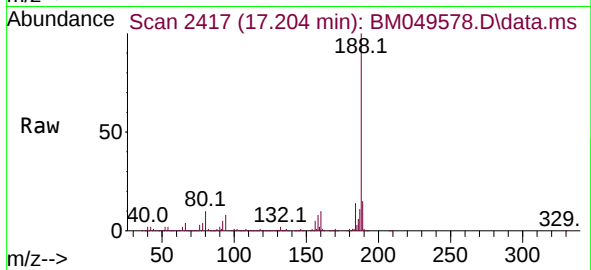
LOQ-WATER-02-QT1-2025

Tgt Ion:188 Resp: 806030

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	10.0	7.7	11.5

Manual Integrations
APPROVED

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



#66

n-Nitrosodiphenylamine

Concen: 4.923 ng

RT: 15.721 min Scan# 2165

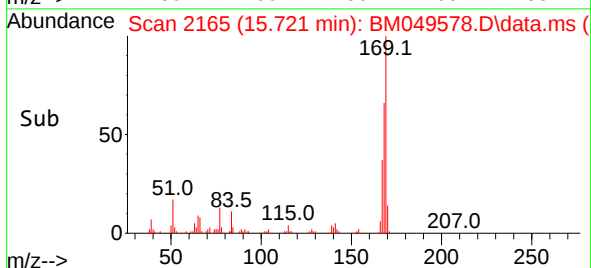
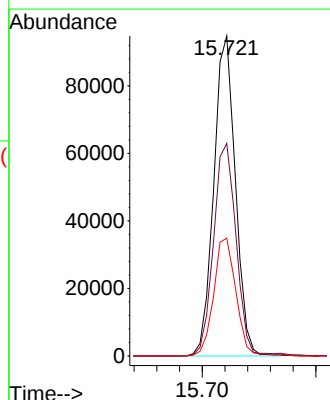
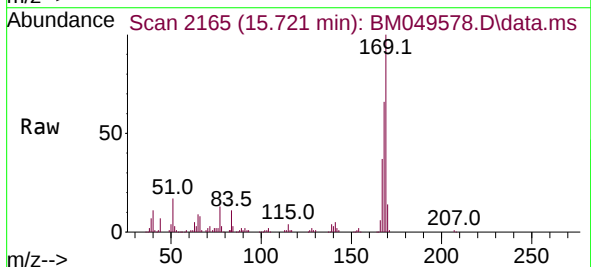
Delta R.T. 0.000 min

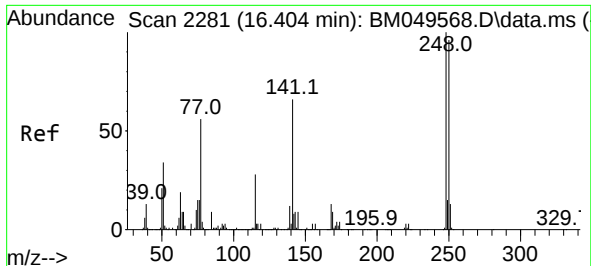
Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Tgt Ion:169 Resp: 125147

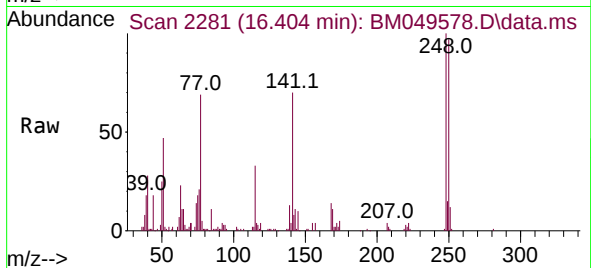
Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.2	81.4
167	36.8	29.5	44.3





#67
4-Bromophenyl-phenylether
Concen: 4.857 ng
RT: 16.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

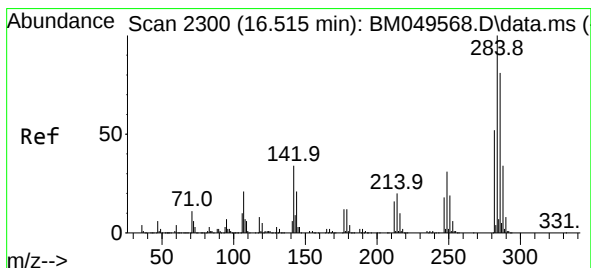
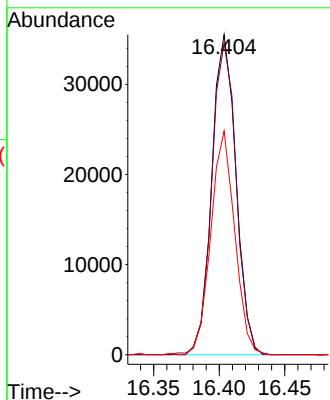
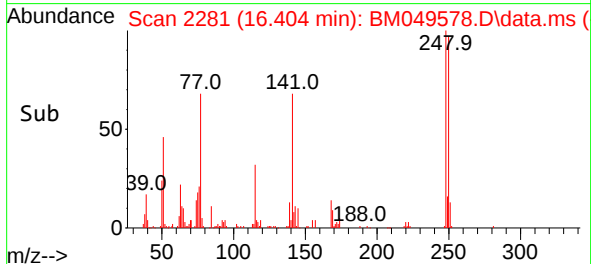
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



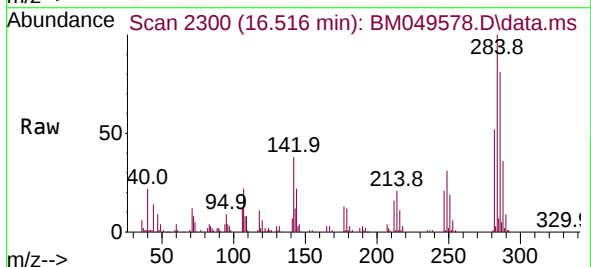
Tgt Ion:248 Resp: 4547
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.4
141 69.9 53.0 79.4

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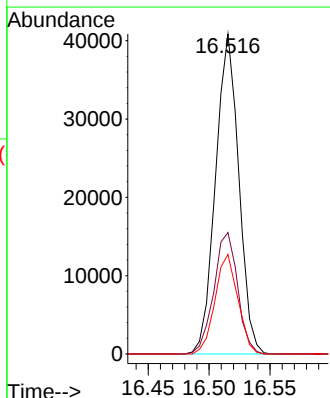
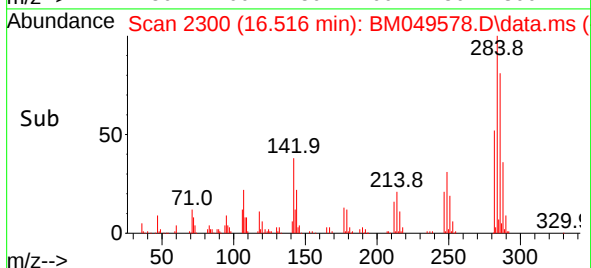
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

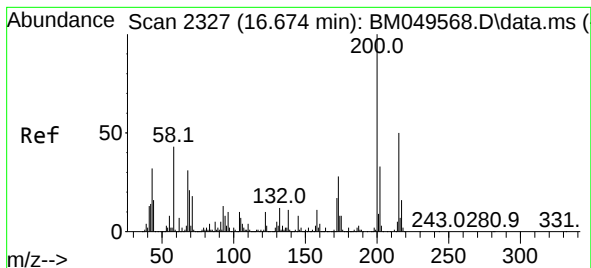


#68
Hexachlorobenzene
Concen: 5.046 ng
RT: 16.516 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01



Tgt Ion:284 Resp: 54229
Ion Ratio Lower Upper
284 100
142 38.0 27.1 40.7
249 31.1 24.6 36.8





#69

Atrazine

Concen: 4.547 ng

RT: 16.674 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

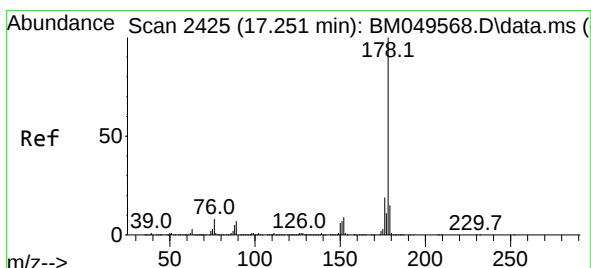
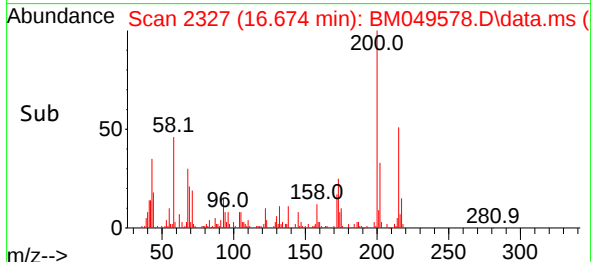
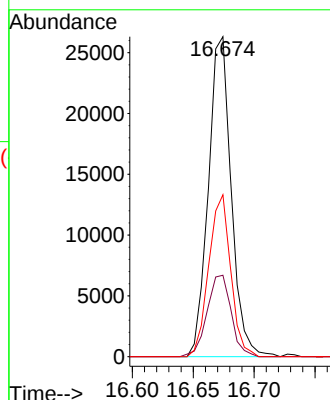
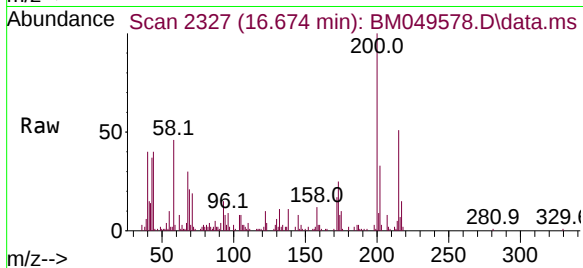
LOQ-WATER-02-QT1-2025

Tgt Ion:200 Resp: 34358
 Ion Ratio Lower Upper
 200 100
 173 25.5 7.6 47.6
 215 50.6 30.2 70.2

Manual Integrations

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



#71

Phenanthrene

Concen: 5.211 ng

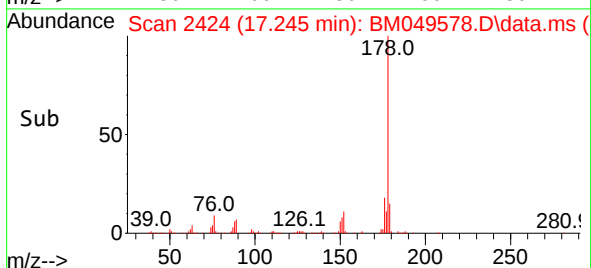
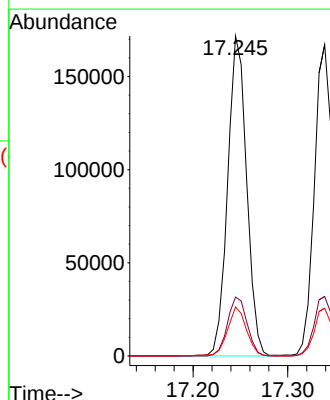
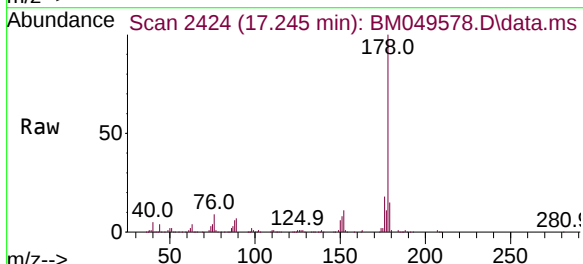
RT: 17.245 min Scan# 2424

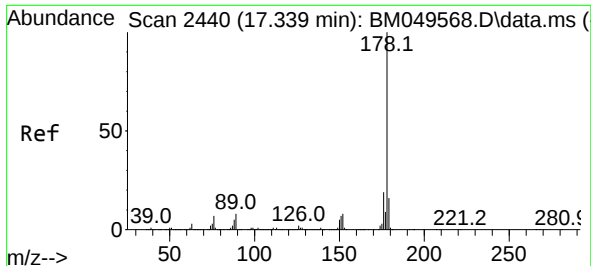
Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

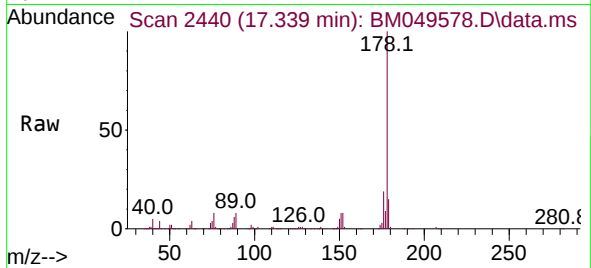
Tgt Ion:178 Resp: 239303
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.5 23.3
 179 15.3 12.2 18.2





#72
 Anthracene
 Concen: 5.035 ng
 RT: 17.339 min Scan# 2440
 Delta R.T. 0.000 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01

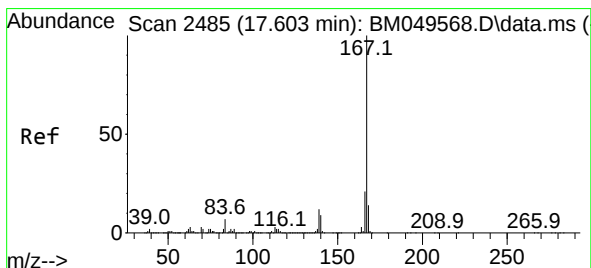
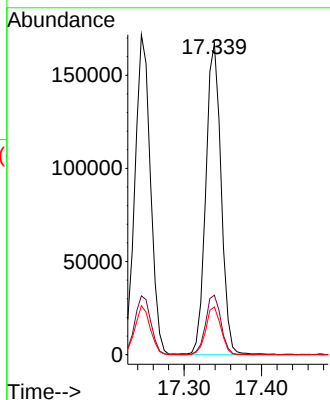
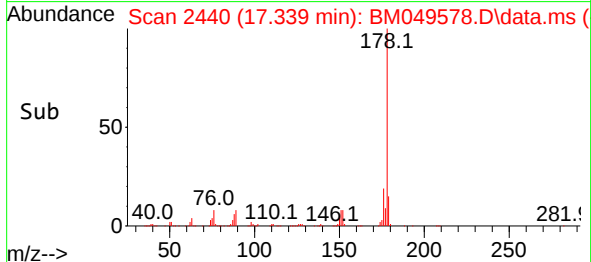
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



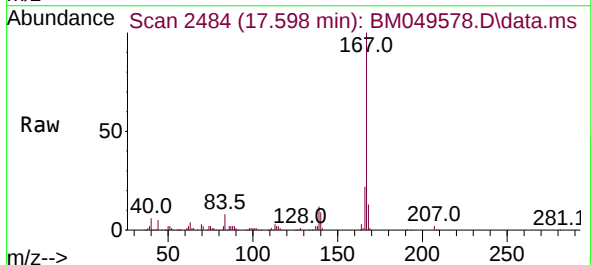
Tgt Ion:178 Resp: 228925
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.3 12.4 18.6

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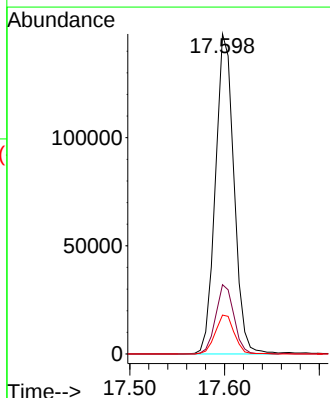
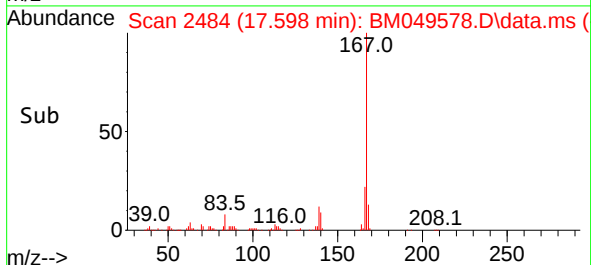
Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

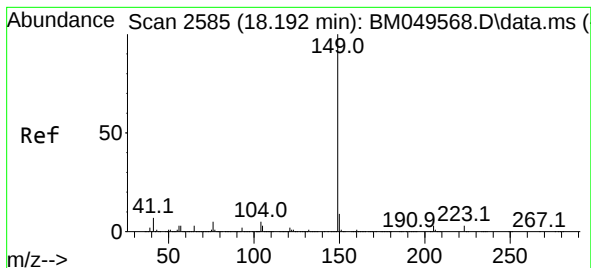


#73
 Carbazole
 Concen: 5.046 ng
 RT: 17.598 min Scan# 2484
 Delta R.T. -0.006 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01



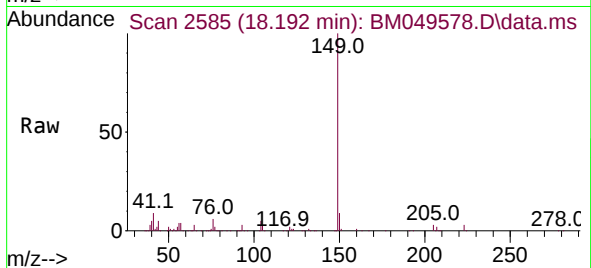
Tgt Ion:167 Resp: 201364
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.1 9.6 14.4





#74
Di-n-butylphthalate
Concen: 3.791 ng
RT: 18.192 min Scan# 2585
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

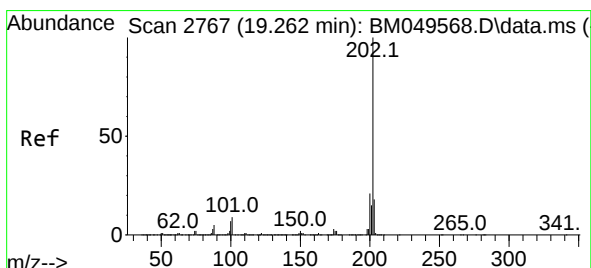
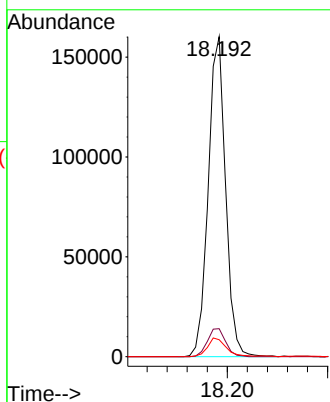
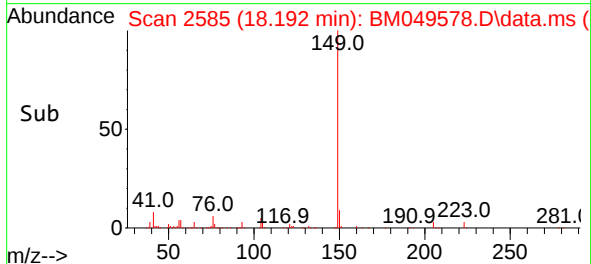
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



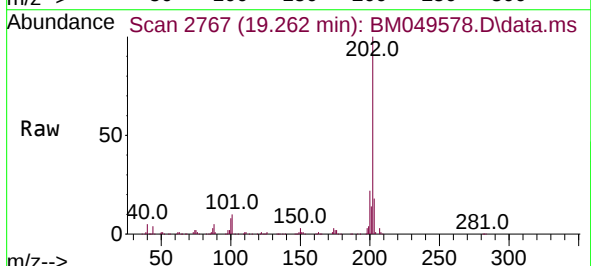
Tgt Ion:149 Resp: 19196
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.0
104 5.3 4.1 6.1

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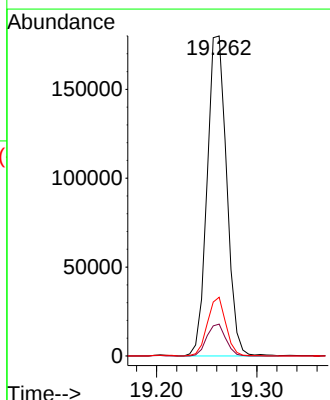
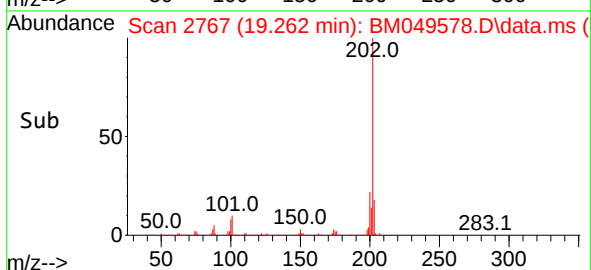
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

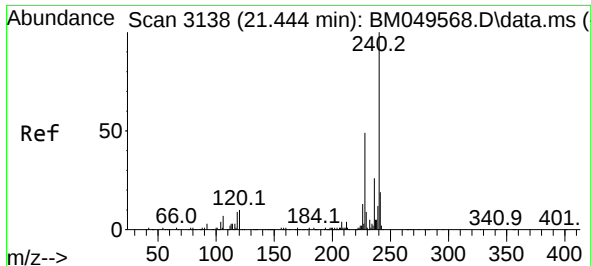


#75
Fluoranthene
Concen: 4.524 ng
RT: 19.262 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01



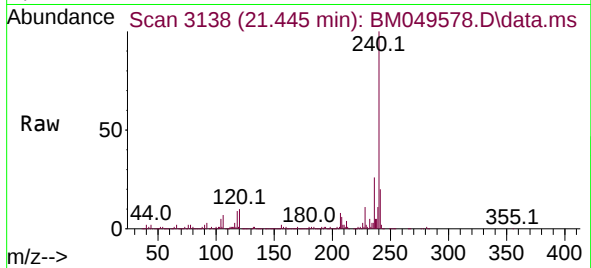
Tgt Ion:202 Resp: 243190
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.1
203 18.3 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

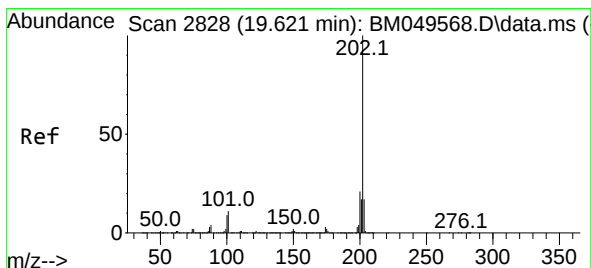
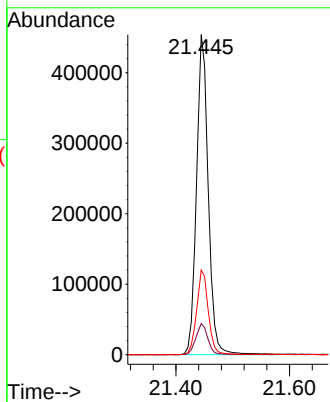
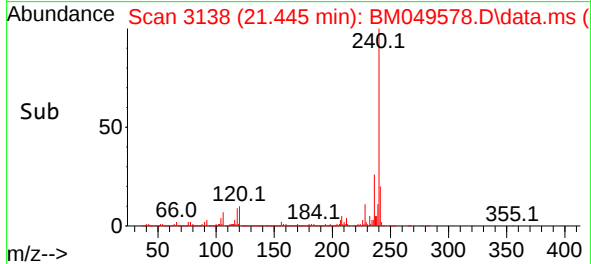
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:240 Resp: 65433
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.8
236 26.5 20.6 31.0

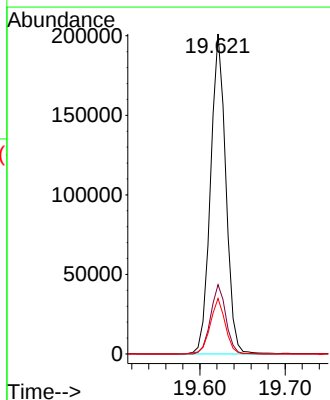
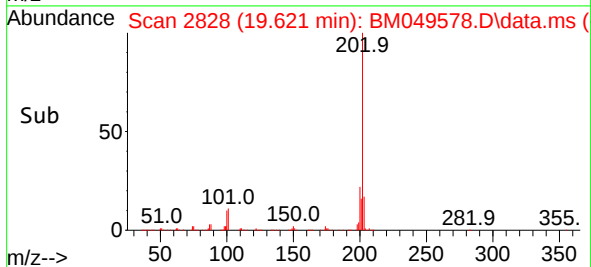
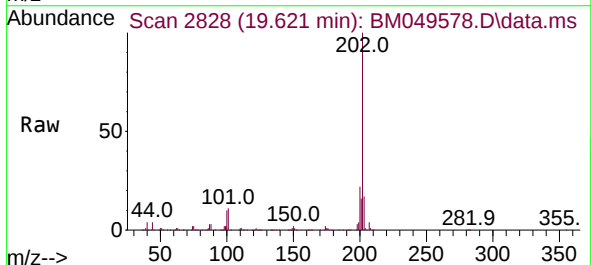
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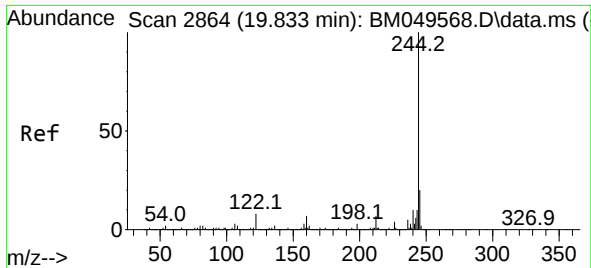
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#78
Pyrene
Concen: 5.116 ng
RT: 19.621 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

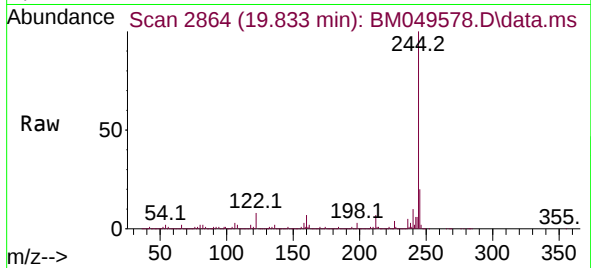
Tgt Ion:202 Resp: 250663
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 17.3 13.8 20.8





#79
 Terphenyl-d14
 Concen: 139.846 ng
 RT: 19.833 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01

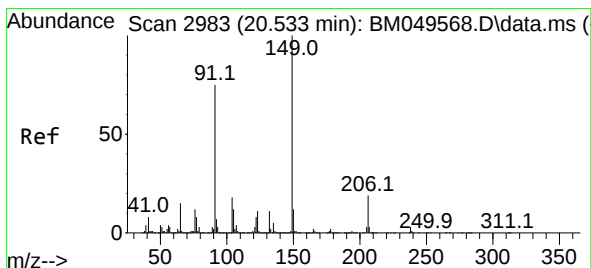
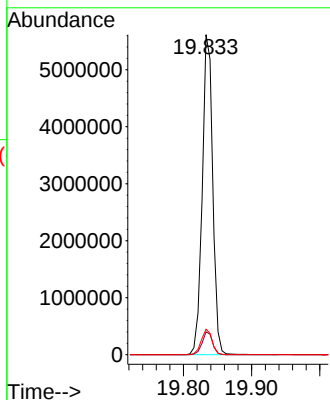
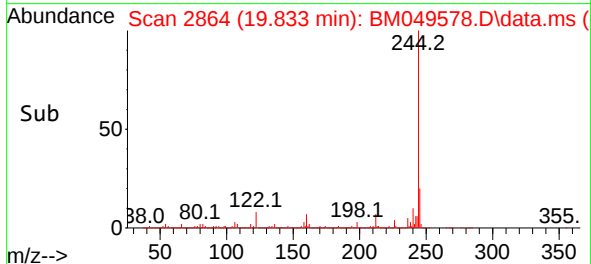
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



Tgt Ion:244 Resp: 5992420
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.0 6.2 9.2

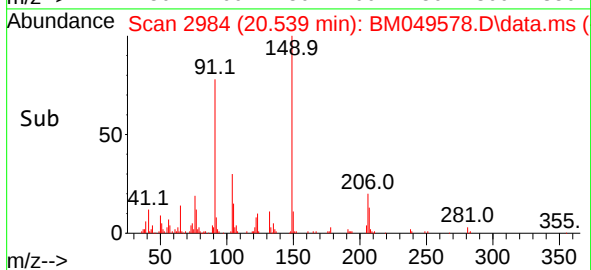
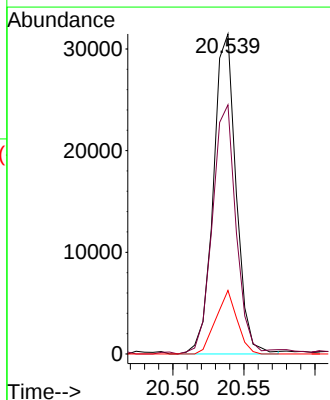
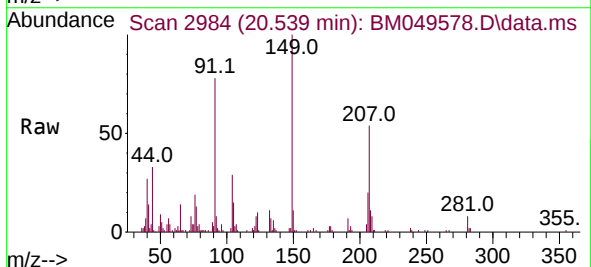
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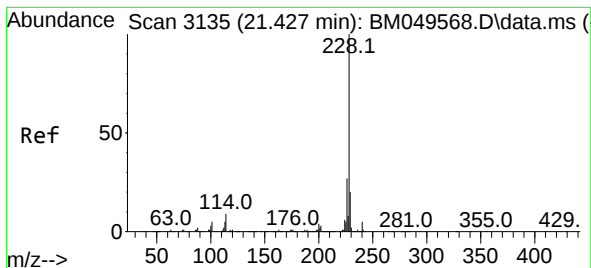
Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025



#80
 Butylbenzylphthalate
 Concen: 2.300 ng
 RT: 20.539 min Scan# 2984
 Delta R.T. 0.006 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01

Tgt Ion:149 Resp: 35062
 Ion Ratio Lower Upper
 149 100
 91 77.9 60.2 90.2
 206 19.8 15.4 23.0





#81

Benzo(a)anthracene

Concen: 5.140 ng

RT: 21.427 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BM049578.D

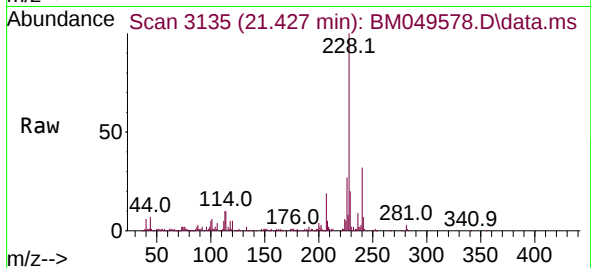
Acq: 06 Feb 2025 12:01

Instrument :

BNM

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion:228 Resp: 227930

Ion Ratio Lower Upper

228 100

226 26.5 22.0 33.0

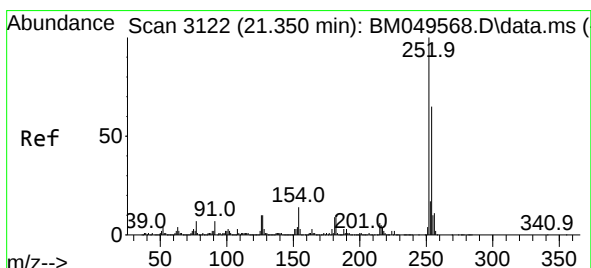
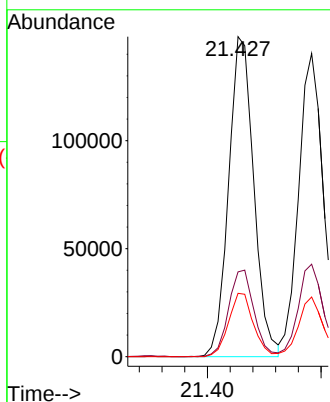
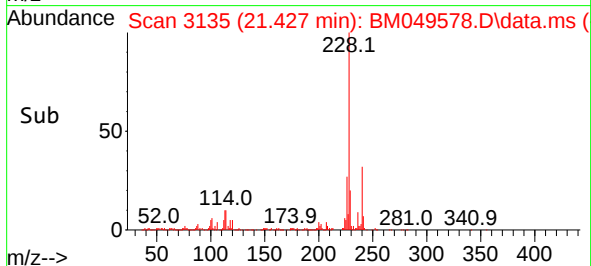
229 19.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#82

3,3'-Dichlorobenzidine

Concen: 3.406 ng

RT: 21.351 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

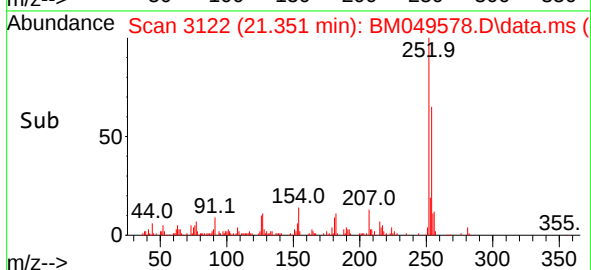
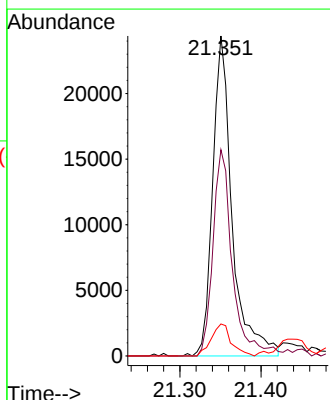
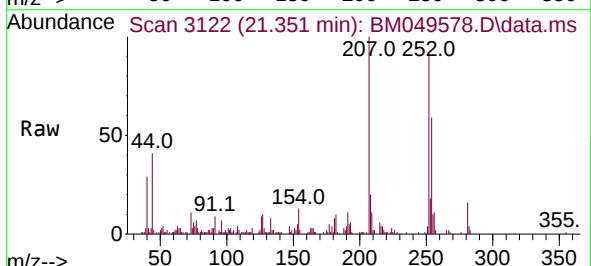
Tgt Ion:252 Resp: 40640

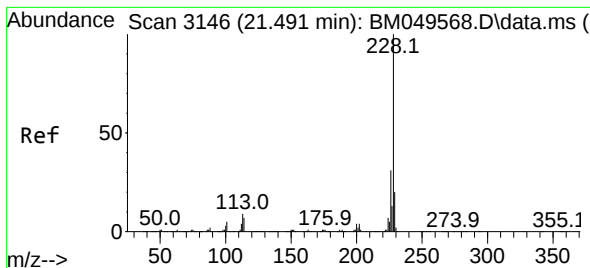
Ion Ratio Lower Upper

252 100

254 64.4 52.1 78.1

126 10.0 7.8 11.6





#83

Chrysene

Concen: 5.132 ng

RT: 21.492 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

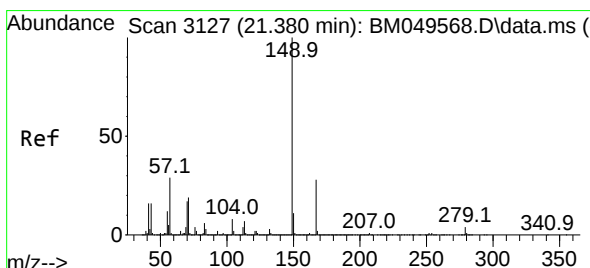
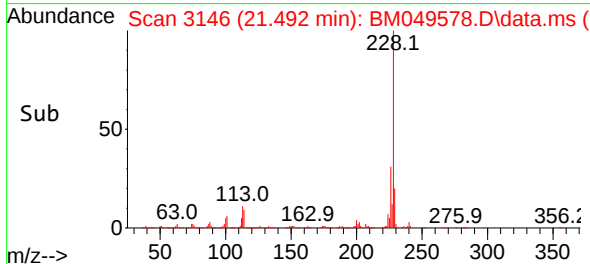
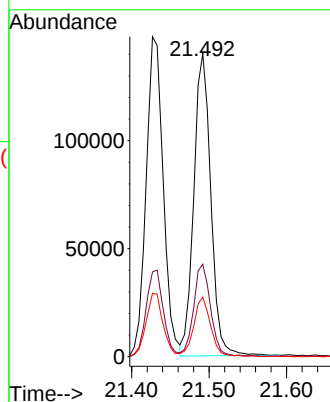
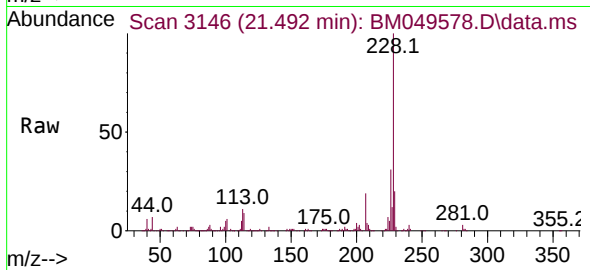
Tgt Ion:228 Resp: 21323

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	19.7	15.7	23.5

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.795 ng

RT: 21.386 min Scan# 3128

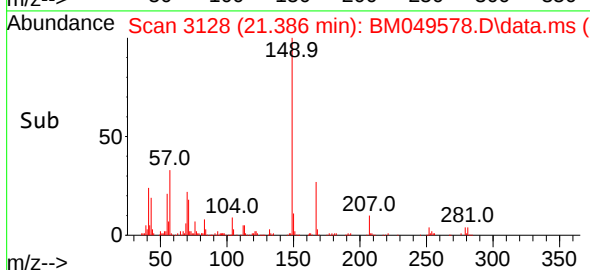
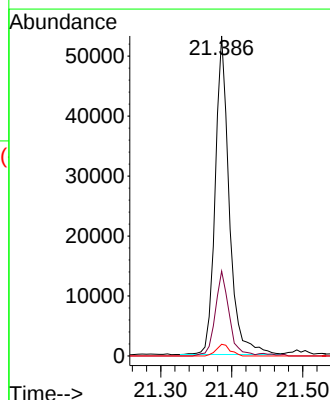
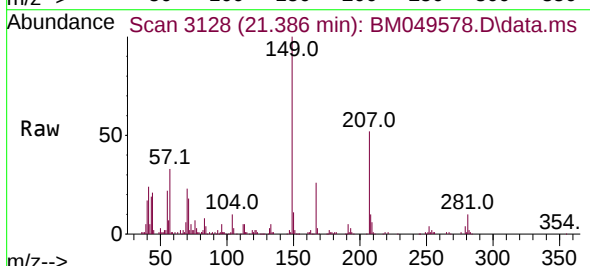
Delta R.T. 0.006 min

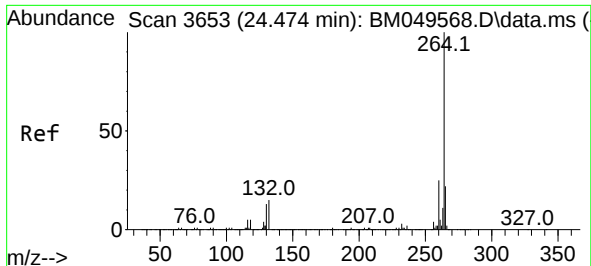
Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Tgt Ion:149 Resp: 73039

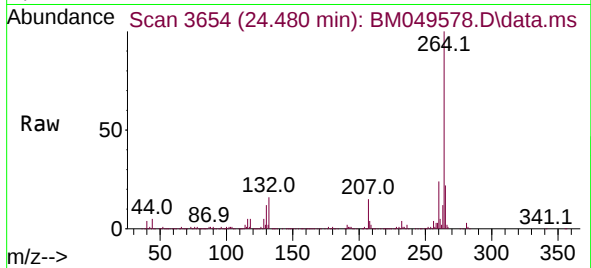
Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.1	33.1
279	3.7	3.0	4.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.480 min Scan# 3653
 Delta R.T. 0.006 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01

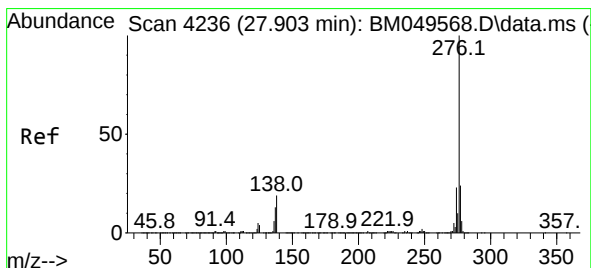
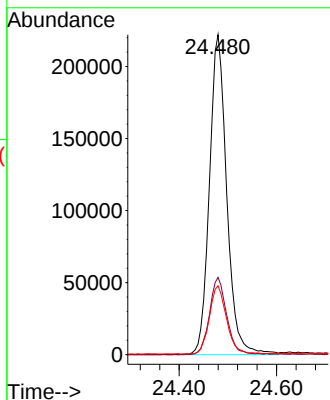
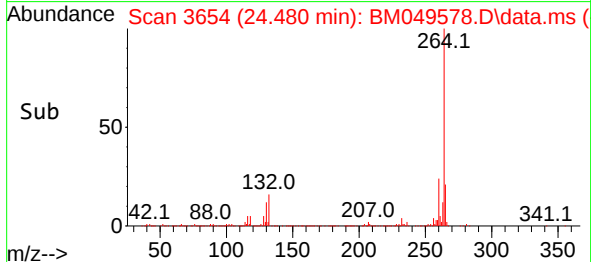
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



Tgt Ion:264 Resp: 547728
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.5 17.5 26.3

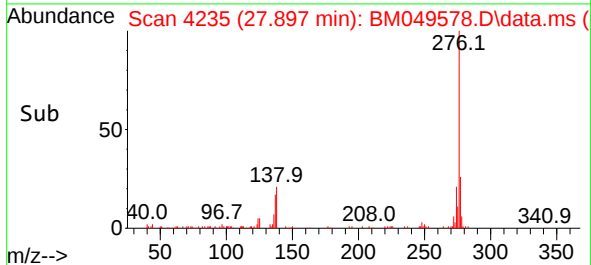
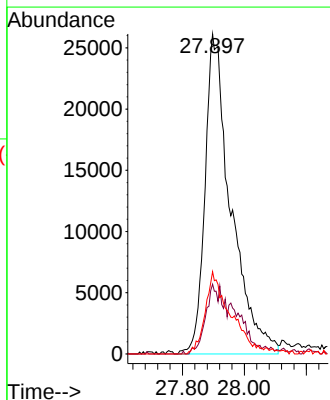
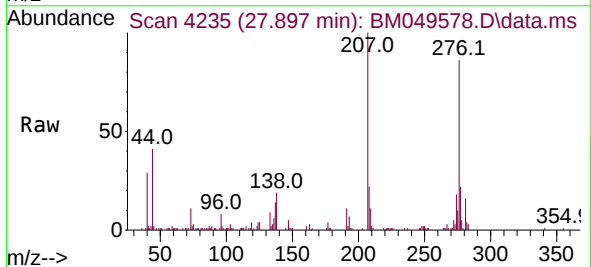
Manual Integrations
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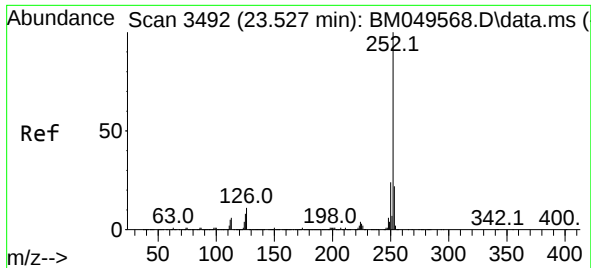
Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.078 ng
 RT: 27.897 min Scan# 4235
 Delta R.T. -0.006 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01

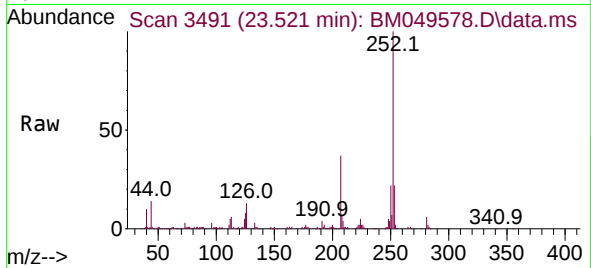
Tgt Ion:276 Resp: 151905
 Ion Ratio Lower Upper
 276 100
 138 14.9 13.1 19.7
 277 24.7 19.9 29.9





#88
Benzo(b)fluoranthene
Concen: 4.677 ng
RT: 23.521 min Scan# 3492
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

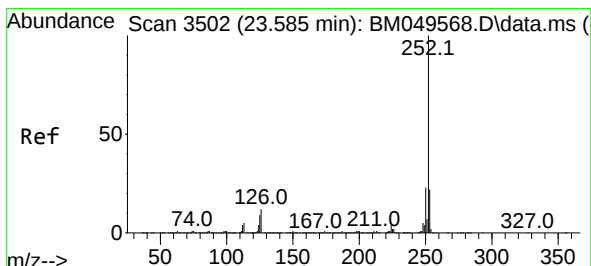
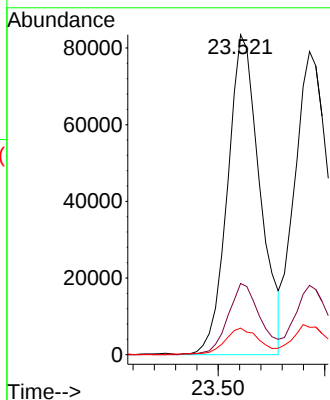
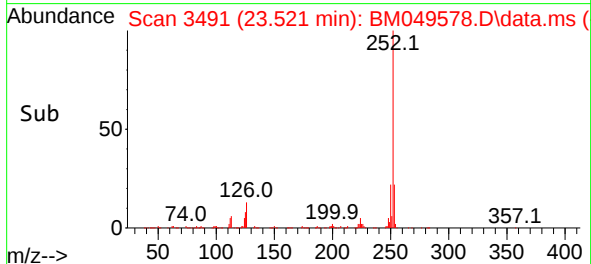
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:252 Resp: 176230
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 8.3 6.6 10.0

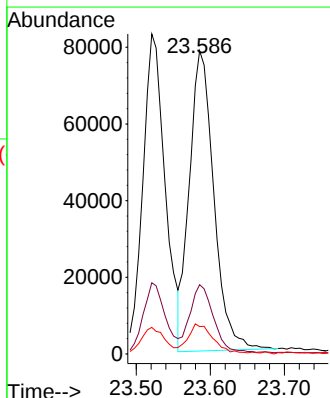
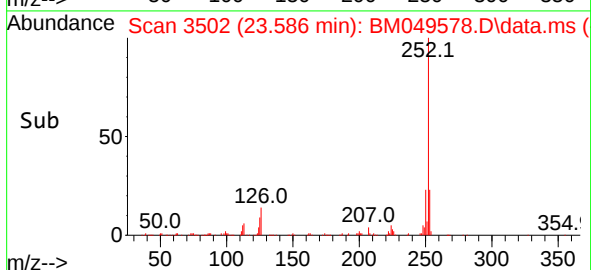
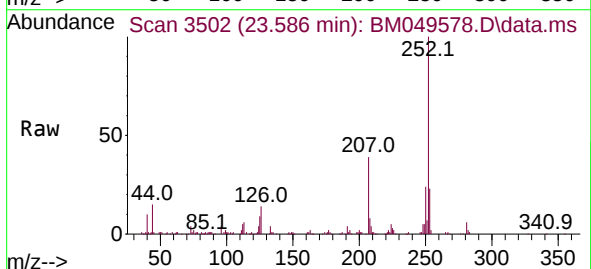
Manual Integrations
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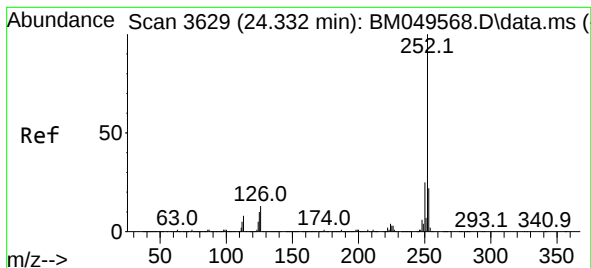
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#89
Benzo(k)fluoranthene
Concen: 4.918 ng
RT: 23.586 min Scan# 3502
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:252 Resp: 179980
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 9.0 7.0 10.6





#90

Benzo(a)pyrene

Concen: 4.846 ng

RT: 24.333 min Scan# 3629

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

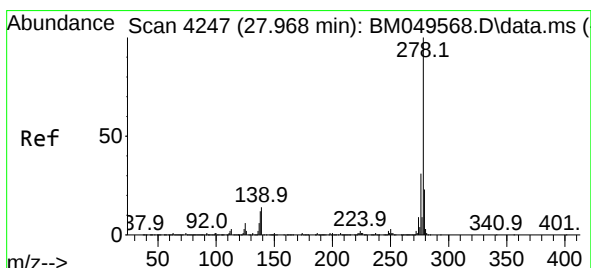
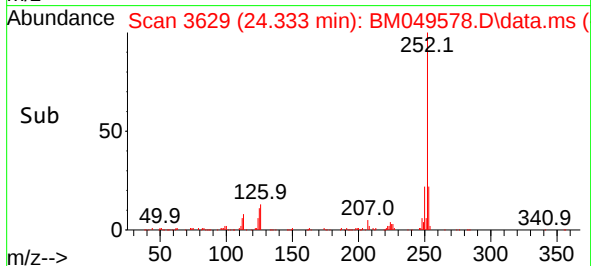
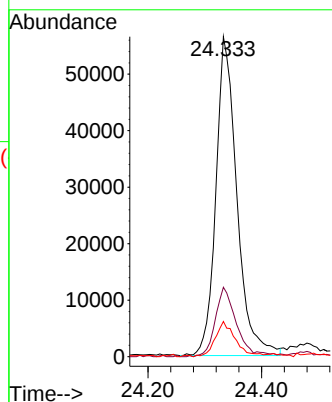
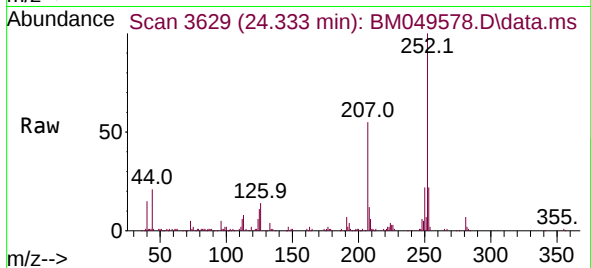
Tgt Ion:252 Resp: 144710

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	11.0	8.2	12.2

Manual Integrations

APPROVED

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



#91

Dibenzo(a,h)anthracene

Concen: 4.643 ng

RT: 27.974 min Scan# 4248

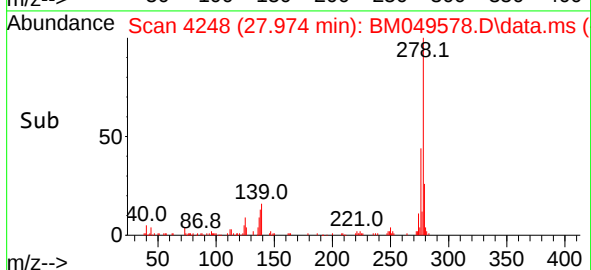
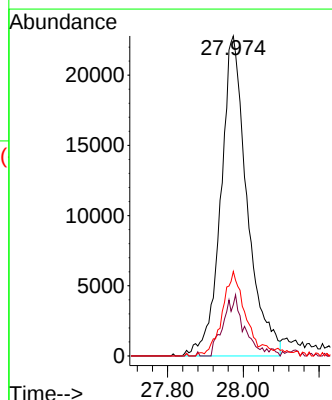
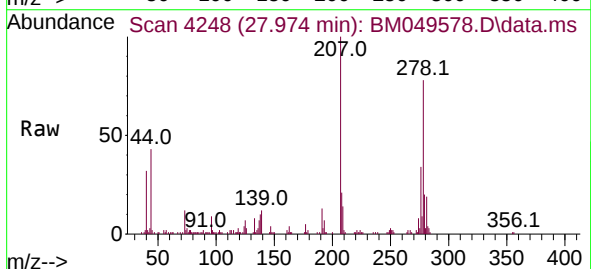
Delta R.T. 0.006 min

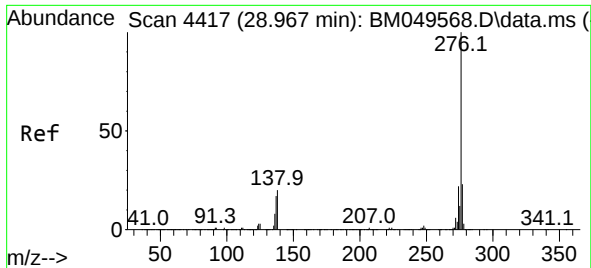
Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Tgt Ion:278 Resp: 109769

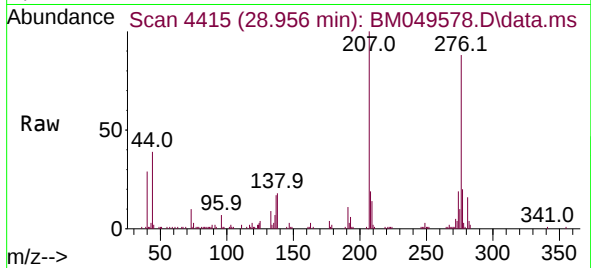
Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.5	17.3
279	26.4	18.2	27.2





#92
Benzo(g,h,i)perylene
Concen: 4.743 ng
RT: 28.956 min Scan# 4415
Delta R.T. -0.012 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

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



Tgt Ion:276 Resp: 125260
Ion Ratio Lower Upper
276 100
277 22.4 18.7 28.1
138 20.3 16.0 24.0

Manual Integrations
APPROVED

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

