

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112125\
 Data File : BP026185.D
 Acq On : 21 Nov 2025 15:32
 Operator : RC/JU
 Sample : Q3530-09
 Misc : MDL-WATER-4NG
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT4-2025

Quant Time: Nov 21 15:53:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
 Supervised By :mohammad ahmed 11/26/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	435868	20.000	ng	0.00
21) Naphthalene-d8	10.431	136	1678632	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	983051	20.000	ng	-0.02
64) Phenanthrene-d10	17.124	188	1821155	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1795657	20.000	ng	0.01
86) Perylene-d12	24.906	264	1916059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2966789	109.252	ng	0.00
7) Phenol-d6	6.848	99	3620760	104.734	ng	0.00
23) Nitrobenzene-d5	8.807	82	2375993	80.400	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1296408	101.659	ng	0.00
45) 2-Fluorobiphenyl	12.907	172	5385743	80.294	ng	-0.02
79) Terphenyl-d14	19.871	244	7290486	82.787	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.249	88	44743	4.062	ng	95
3) Pyridine	3.643	79	105270	3.307	ng	# 92
4) n-Nitrosodimethylamine	3.554	42	38567	3.242	ng	# 93
6) Aniline	7.001	93	159273	3.489	ng	98
8) 2-Chlorophenol	7.237	128	110659	3.580	ng	96
9) Benzaldehyde	6.819	77	90166	4.977	ng	99
10) Phenol	6.872	94	128879	3.461	ng	94
11) bis(2-Chloroethyl)ether	7.101	93	102201	3.505	ng	99
12) 1,3-Dichlorobenzene	7.560	146	127388	3.825	ng	97
13) 1,4-Dichlorobenzene	7.701	146	128333	3.824	ng	98
14) 1,2-Dichlorobenzene	8.013	146	125258	3.887	ng	99
15) Benzyl Alcohol	7.901	79	81194	3.206	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.184	45	146569	3.579	ng	97
17) 2-Methylphenol	8.101	107	81773	3.225	ng	98
18) Hexachloroethane	8.737	117	45158	3.699	ng	96
19) n-Nitroso-di-n-propyla...	8.460	70	63666	2.964	ng	98
20) 3+4-Methylphenols	8.419	107	107267	3.053	ng	97
22) Acetophenone	8.472	105	155777	3.651	ng	# 99
24) Nitrobenzene	8.842	77	114448	3.829	ng	99
25) Isophorone	9.366	82	190147	3.246	ng	100
26) 2-Nitrophenol	9.548	139	42602	2.816	ng	97
27) 2,4-Dimethylphenol	9.607	122	85153	3.122	ng	97
28) bis(2-Chloroethoxy)met...	9.842	93	127855	3.485	ng	99
29) 2,4-Dichlorophenol	10.078	162	87190	3.198	ng	97
30) 1,2,4-Trichlorobenzene	10.295	180	107612	3.876	ng	99
31) Naphthalene	10.478	128	329561	3.633	ng	99
32) Benzoic acid	9.666	122	30508	1.328	ng	95
33) 4-Chloroaniline	10.584	127	126270	3.273	ng	97
34) Hexachlorobutadiene	10.778	225	66756	3.697	ng	99
35) Caprolactam	11.336	113	22191	2.273	ng	94
36) 4-Chloro-3-methylphenol	11.719	107	82200	2.837	ng	98
37) 2-Methylnaphthalene	12.101	142	199058	3.095	ng	98
38) 1-Methylnaphthalene	12.319	142	212224	3.376	ng	99
40) 1,2,4,5-Tetrachloroben...	12.472	216	117163	3.942	ng	99
41) Hexachlorocyclopentadiene	12.460	237	56686	2.914	ng	98
43) 2,4,6-Trichlorophenol	12.713	196	65031	3.191	ng	97

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 MDL-WATER-03-QT4-2025

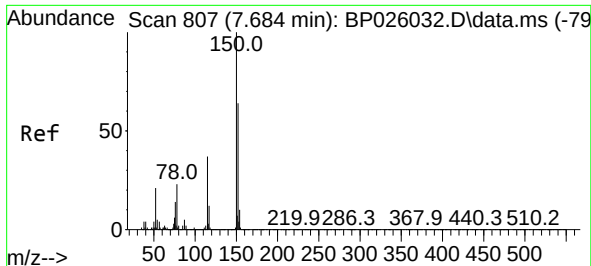
Quant Time: Nov 21 15:53:17 2025
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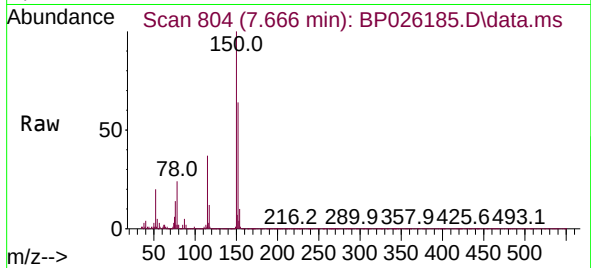
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.789	196	71859	3.159	ng	99
46) 1,1'-Biphenyl	13.125	154	281231	3.799	ng	99
47) 2-Chloronaphthalene	13.160	162	217621	3.739	ng	99
48) 2-Nitroaniline	13.366	65	44383	2.742	ng	93
49) Acenaphthylene	14.024	152	329043	3.427	ng	100
50) Dimethylphthalate	13.760	163	253294	3.450	ng	100
51) 2,6-Dinitrotoluene	13.866	165	44957	3.090	ng	96
52) Acenaphthene	14.366	154	202511	3.599	ng	96
53) 3-Nitroaniline	14.201	138	42695	2.492	ng	# 94
54) 2,4-Dinitrophenol	14.413	184	12363	1.408	ng	93
55) Dibenzofuran	14.713	168	325148	3.731	ng	98
56) 4-Nitrophenol	14.530	139	29116m	1.879	ng	
57) 2,4-Dinitrotoluene	14.672	165	54622	2.514	ng	94
58) Fluorene	15.377	166	251608	3.653	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.942	232	62995	3.264	ng	97
60) Diethylphthalate	15.154	149	244826	3.310	ng	98
61) 4-Chlorophenyl-phenyle...	15.377	204	125490	3.661	ng	98
62) 4-Nitroaniline	15.383	138	40586	2.282	ng	97
63) Azobenzene	15.671	77	207423	3.326	ng	97
65) 4,6-Dinitro-2-methylph...	15.454	198	23034	1.991	ng	98
66) n-Nitrosodiphenylamine	15.595	169	207522	3.684	ng	99
67) 4-Bromophenyl-phenylether	16.289	248	73093	3.624	ng	95
68) Hexachlorobenzene	16.407	284	86769	3.708	ng	99
69) Atrazine	16.577	200	67741	3.189	ng	96
70) Pentachlorophenol	16.766	266	43440	2.653	ng	98
71) Phenanthrene	17.171	178	382741	3.731	ng	99
72) Anthracene	17.260	178	370824	3.544	ng	99
73) Carbazole	17.542	167	325913	3.279	ng	100
74) Di-n-butylphthalate	18.148	149	371133	3.150	ng	99
75) Fluoranthene	19.265	202	421623	3.383	ng	99
77) Benzidine	19.465	184	148155	2.600	ng	99
78) Pyrene	19.648	202	437305	3.714	ng	100
80) Butylbenzylphthalate	20.607	149	151381	2.920	ng	100
81) Benzo(a)anthracene	21.565	228	439049	3.560	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	133702	2.981	ng	# 96
83) Chrysene	21.630	228	425521	3.661	ng	99
84) Bis(2-ethylhexyl)phtha...	21.524	149	236533	3.014	ng	100
85) Di-n-octyl phthalate	22.795	149	355030	2.587	ng	# 98
87) Indeno(1,2,3-cd)pyrene	28.659	276	474844m	3.304	ng	
88) Benzo(b)fluoranthene	23.842	252	400812	3.435	ng	98
89) Benzo(k)fluoranthene	23.906	252	416895	3.577	ng	98
90) Benzo(a)pyrene	24.736	252	382004	3.456	ng	99
91) Dibenzo(a,h)anthracene	28.759	278	390654	3.321	ng	99
92) Benzo(g,h,i)perylene	29.824	276	390182m	3.337	ng	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

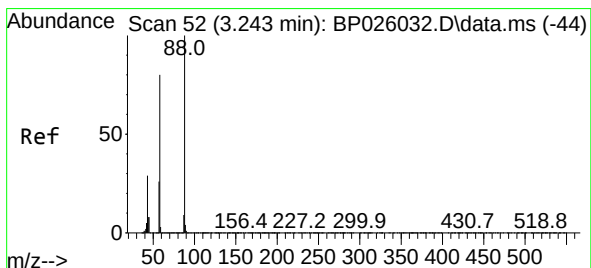
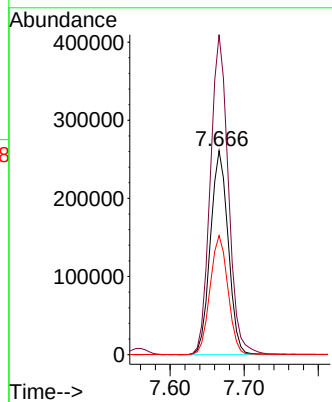
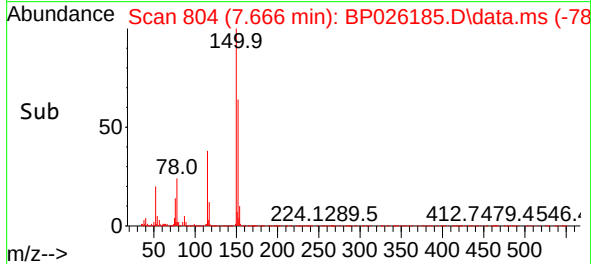
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025



Tgt Ion:152 Resp: 435868
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.6
115 58.4 46.3 69.5

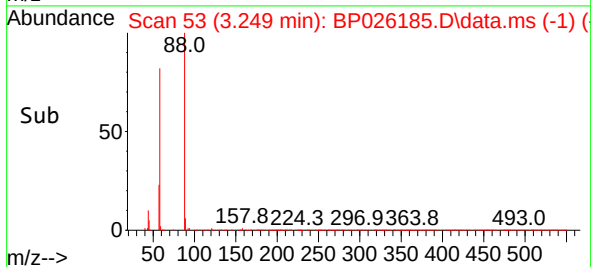
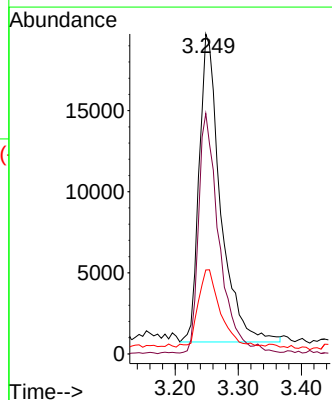
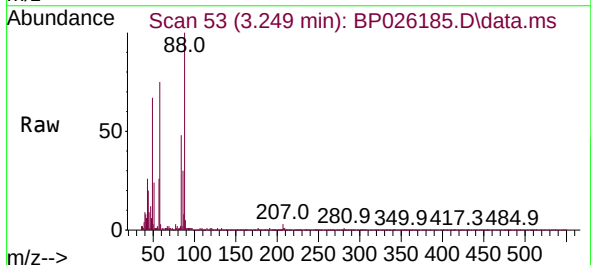
Manual Integrations
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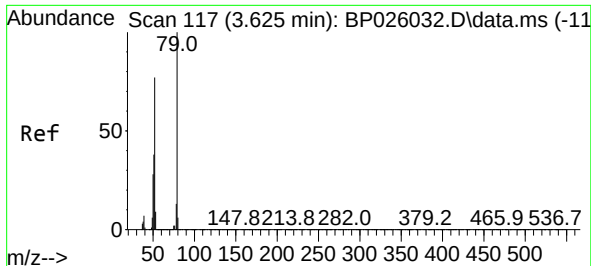
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#2
1,4-Dioxane
Concen: 4.062 ng
RT: 3.249 min Scan# 53
Delta R.T. 0.023 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

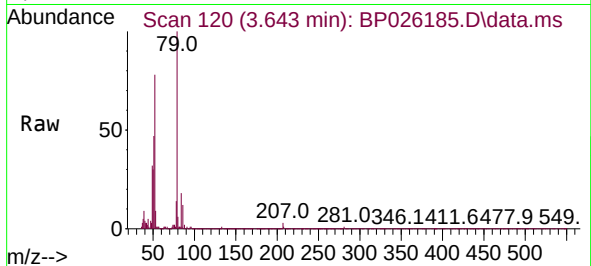
Tgt Ion: 88 Resp: 44743
Ion Ratio Lower Upper
88 100
58 74.8 64.2 96.4
43 26.4 21.5 32.3





#3
Pyridine
Concen: 3.307 ng
RT: 3.643 min Scan# 105
Delta R.T. 0.029 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

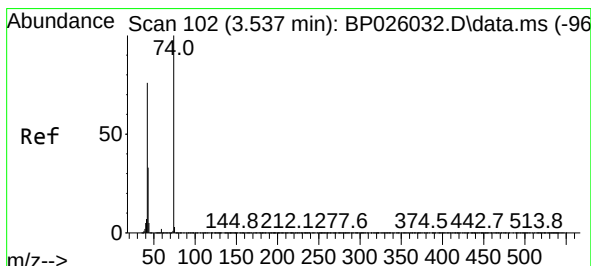
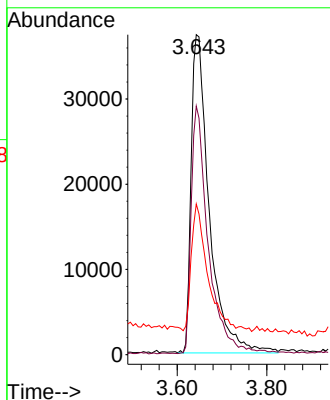
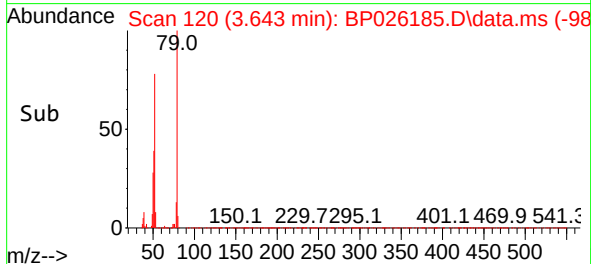
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025



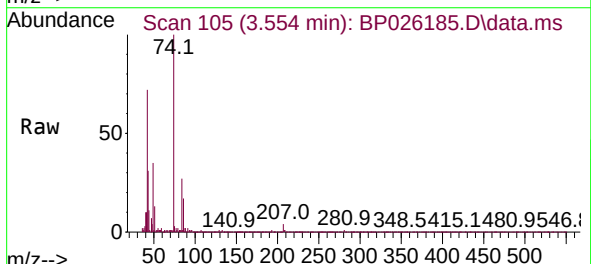
Tgt Ion: 79 Resp: 105270
Ion Ratio Lower Upper
79 100
52 77.7 60.2 90.2
51 47.1 29.5 44.3

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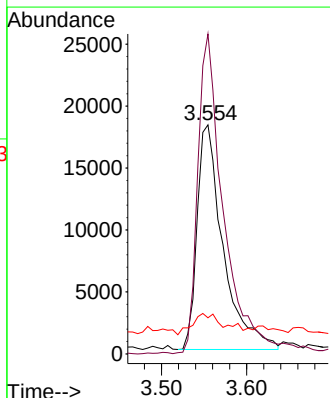
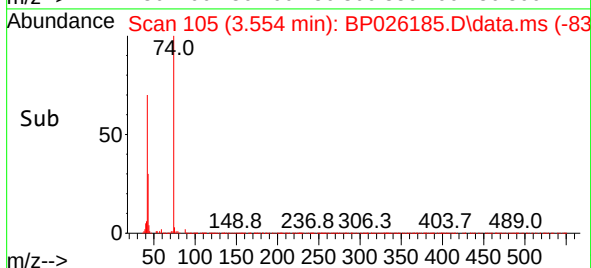
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Supervised By :mohammad ahmed 11/26/2025

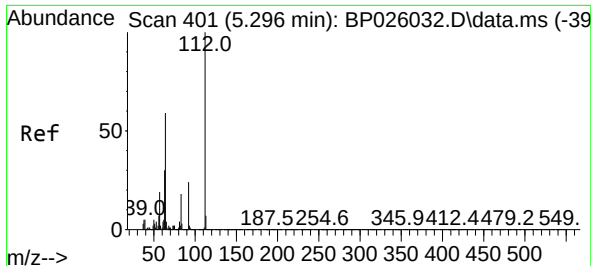


#4
n-Nitrosodimethylamine
Concen: 3.242 ng
RT: 3.554 min Scan# 105
Delta R.T. 0.029 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32



Tgt Ion: 42 Resp: 38567
Ion Ratio Lower Upper
42 100
74 139.7 118.1 177.1
44 15.8 6.2 9.4





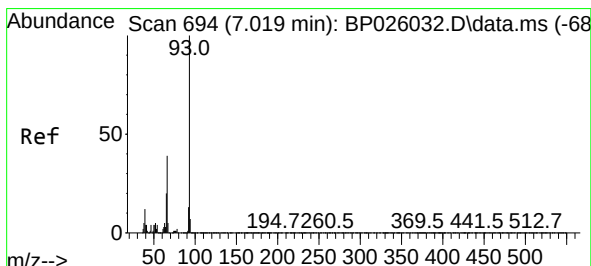
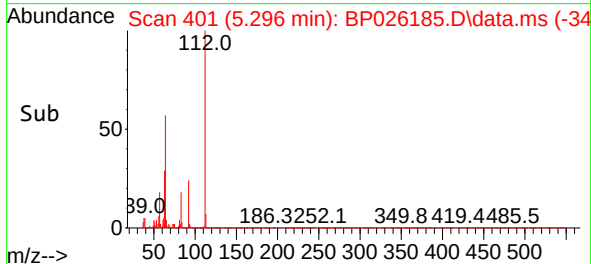
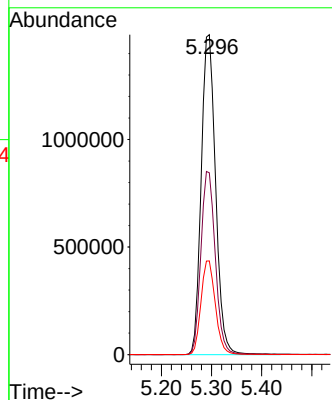
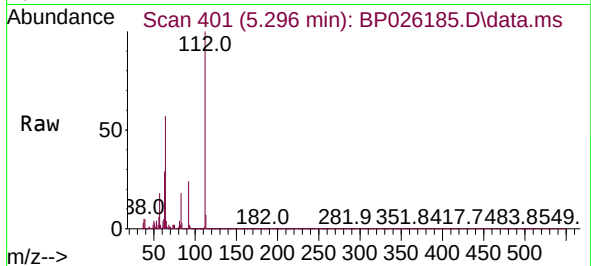
#5
2-Fluorophenol
Concen: 109.252 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion:112 Resp: 2966789
Ion Ratio Lower Upper
112 100
64 56.8 45.8 68.6
63 29.3 23.5 35.3

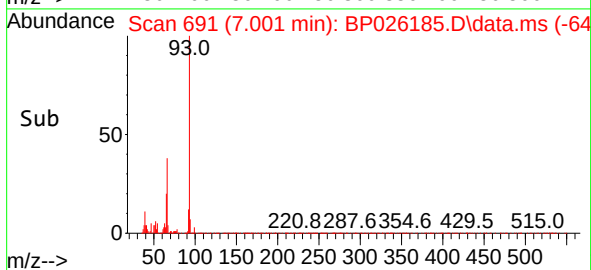
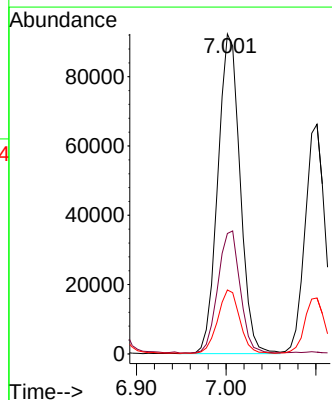
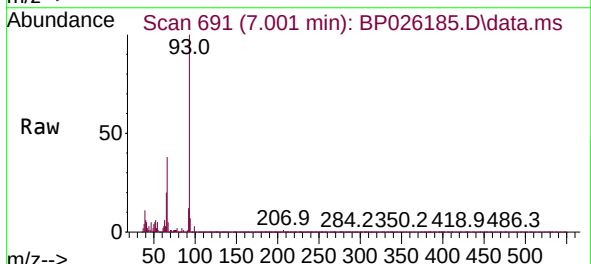
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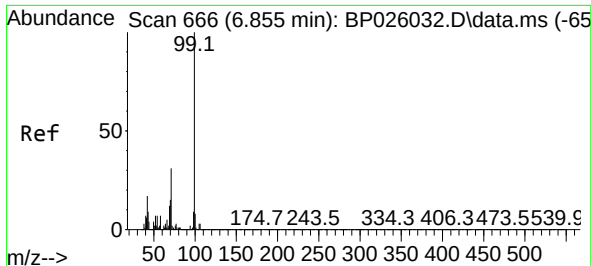
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#6
Aniline
Concen: 3.489 ng
RT: 7.001 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

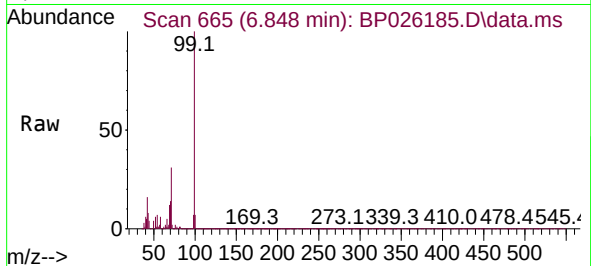
Tgt Ion: 93 Resp: 159273
Ion Ratio Lower Upper
93 100
66 37.6 31.7 47.5
65 20.0 15.8 23.6





#7
Phenol-d6
Concen: 104.734 ng
RT: 6.848 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

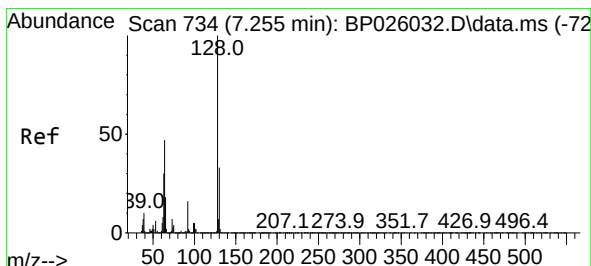
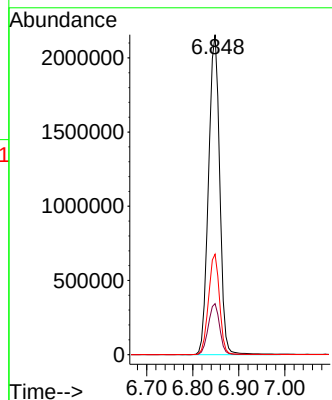
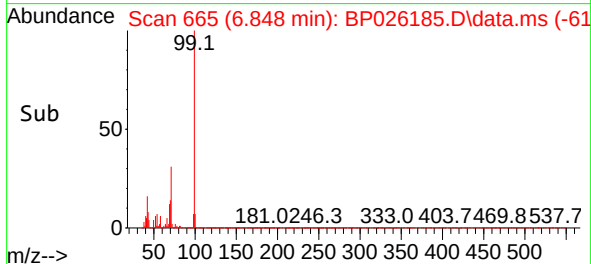
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025



Tgt Ion: 99 Resp: 3620760
Ion Ratio Lower Upper
99 100
42 16.0 12.9 19.3
71 31.4 24.8 37.2

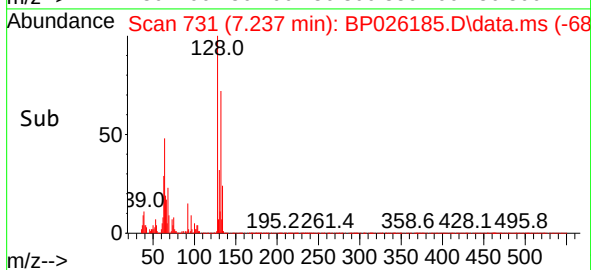
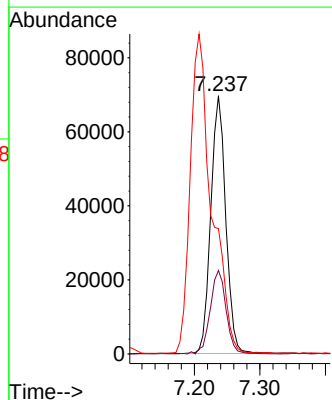
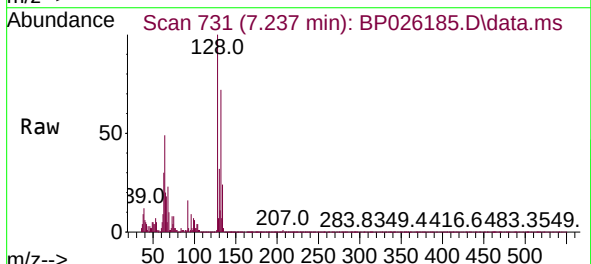
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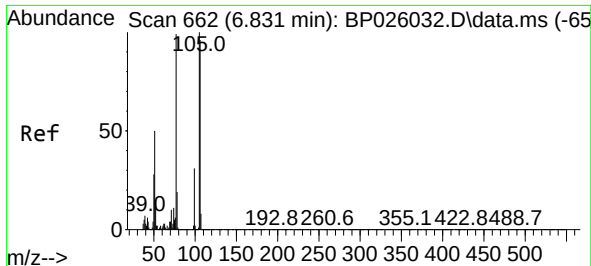
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#8
2-Chlorophenol
Concen: 3.580 ng
RT: 7.237 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:128 Resp: 110659
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 48.6 23.9 63.9





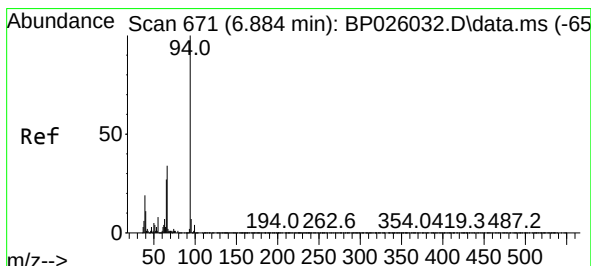
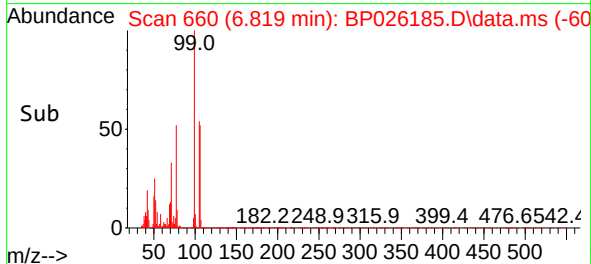
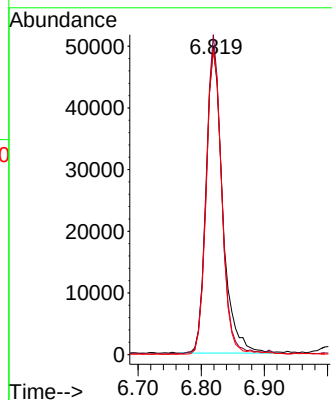
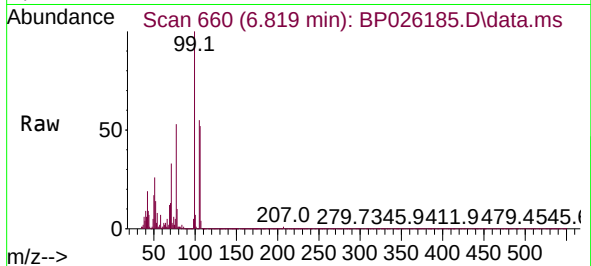
#9
Benzaldehyde
Concen: 4.977 ng
RT: 6.819 min Scan# 660
Delta R.T. -0.000 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion: 77 Resp: 90166
Ion Ratio Lower Upper
77 100
105 103.9 82.9 122.9
106 98.5 77.8 117.8

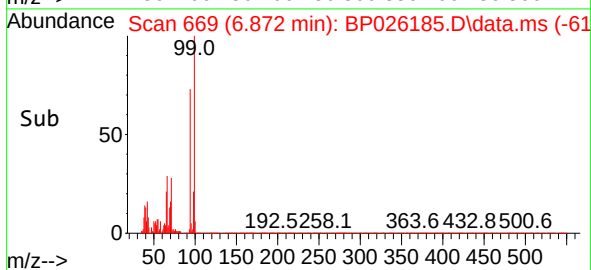
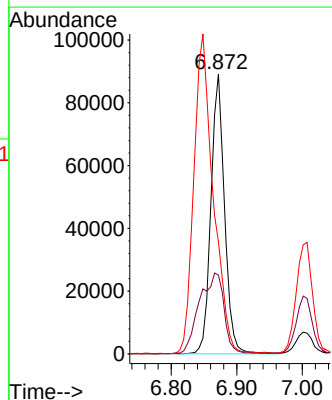
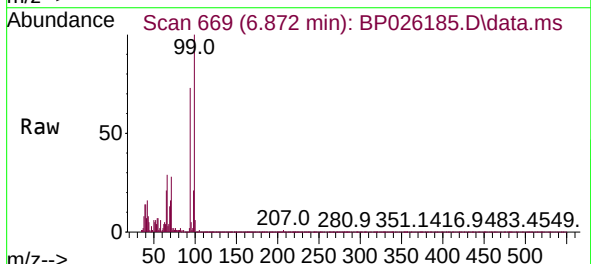
Manual Integrations
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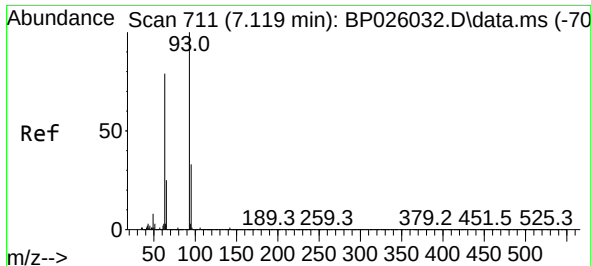
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#10
Phenol
Concen: 3.461 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

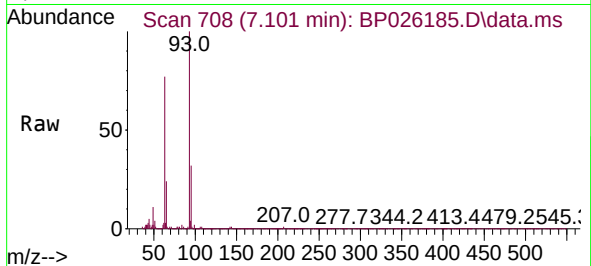
Tgt Ion: 94 Resp: 128879
Ion Ratio Lower Upper
94 100
65 28.2 7.0 47.0
66 40.1 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 3.505 ng
RT: 7.101 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

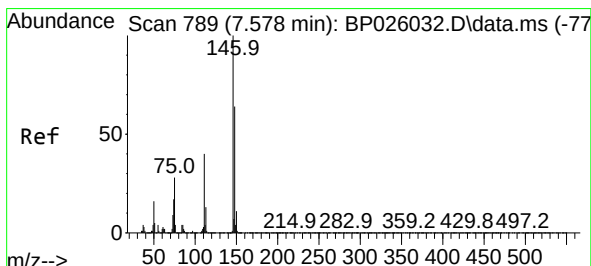
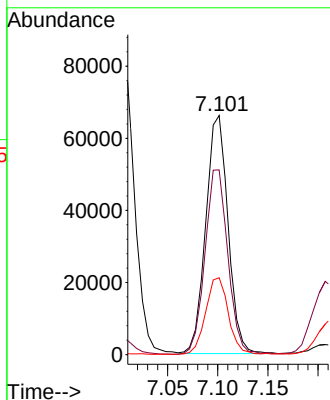
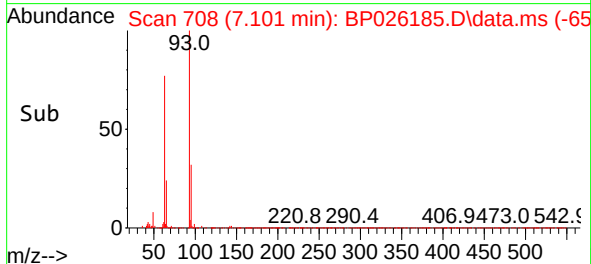
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025



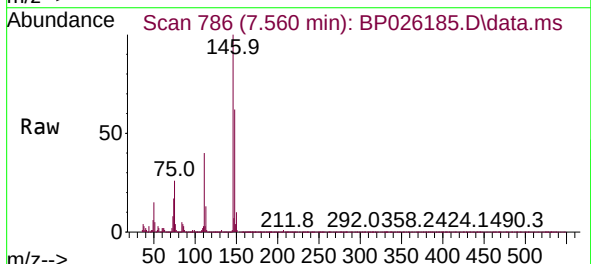
Tgt Ion: 93 Resp: 10220
Ion Ratio Lower Upper
93 100
63 77.3 58.8 98.8
95 32.2 12.1 52.1

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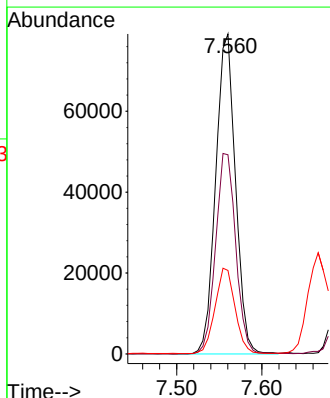
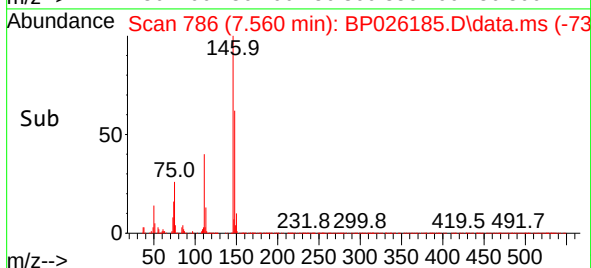
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

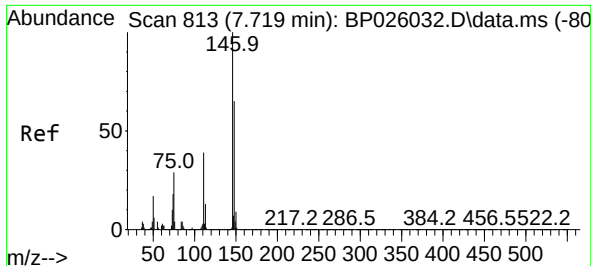


#12
1,3-Dichlorobenzene
Concen: 3.825 ng
RT: 7.560 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32



Tgt Ion:146 Resp: 127388
Ion Ratio Lower Upper
146 100
148 62.2 51.8 77.8
75 26.1 22.2 33.2





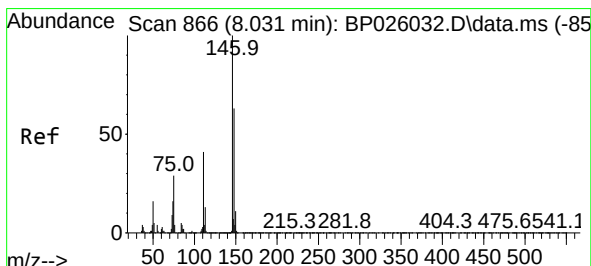
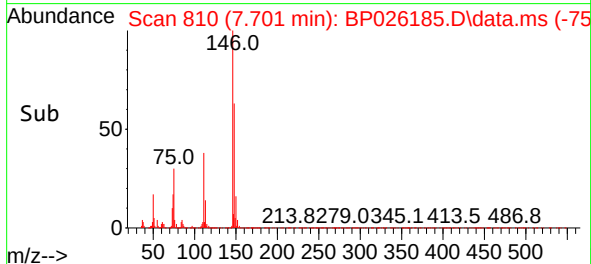
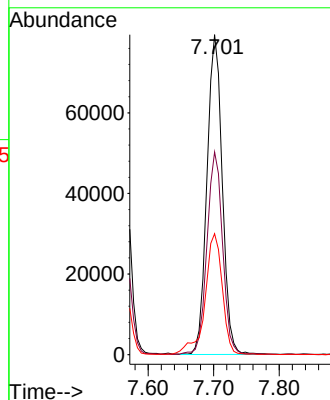
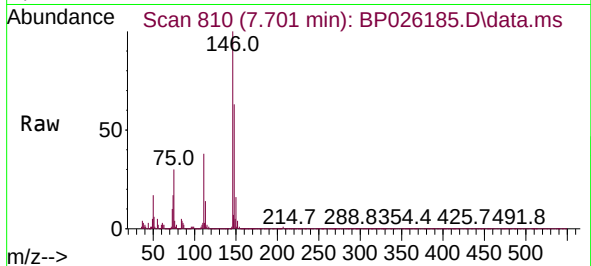
#13
1,4-Dichlorobenzene
Concen: 3.824 ng
RT: 7.701 min Scan# 813
Delta R.T. -0.000 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025

Tgt Ion:146 Resp: 128333
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 37.8 31.7 47.5

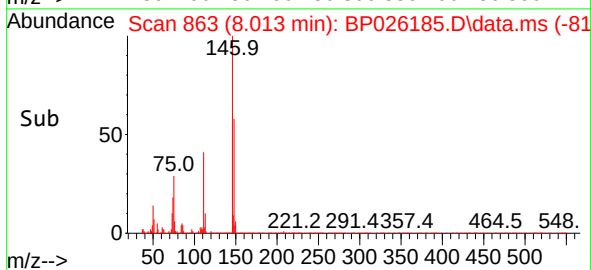
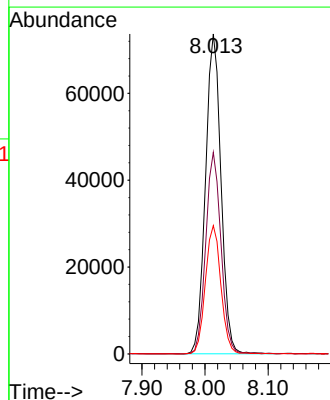
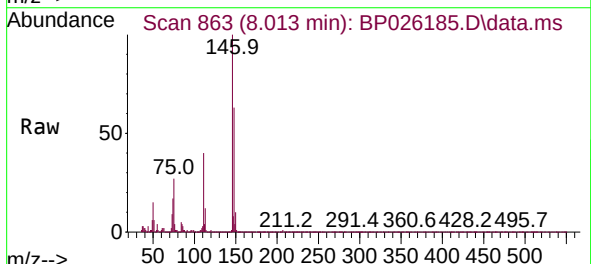
Manual Integrations
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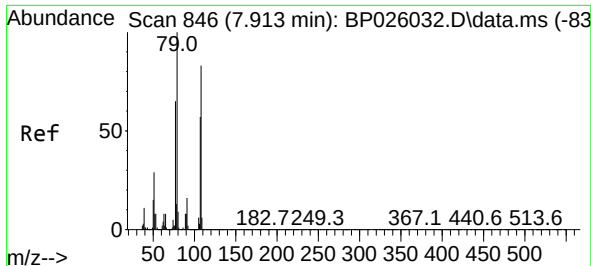
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#14
1,2-Dichlorobenzene
Concen: 3.887 ng
RT: 8.013 min Scan# 863
Delta R.T. -0.000 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

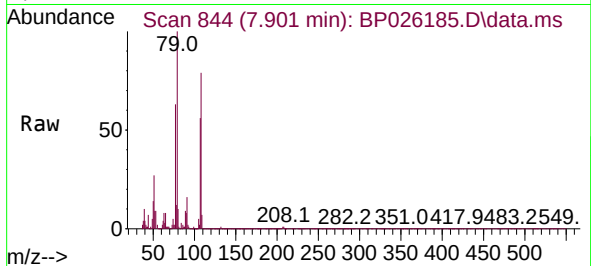
Tgt Ion:146 Resp: 125258
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.6
111 40.1 33.0 49.4





#15
Benzyl Alcohol
Concen: 3.206 ng
RT: 7.901 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

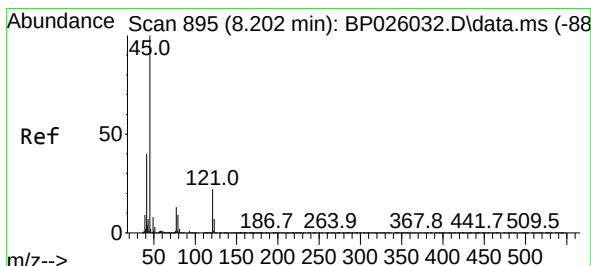
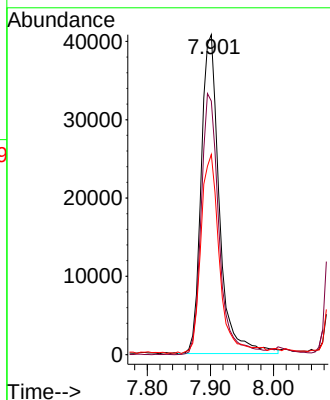
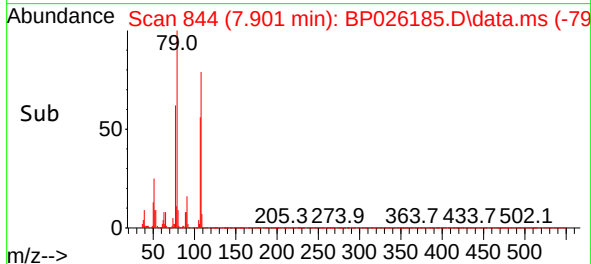
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025



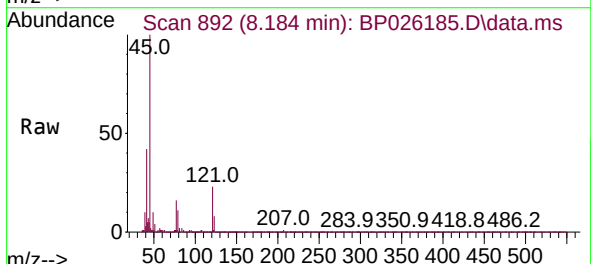
Tgt Ion: 79 Resp: 81194
Ion Ratio Lower Upper
79 100
108 79.2 66.2 99.4
77 62.5 50.0 75.0

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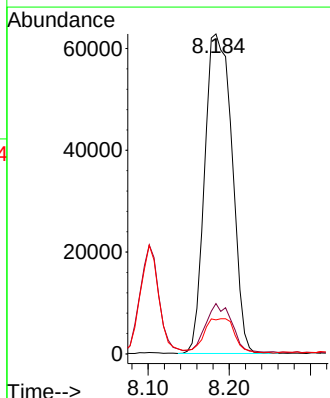
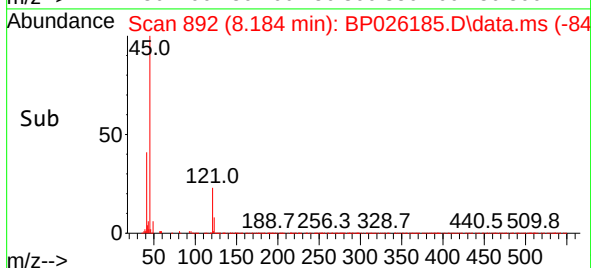
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

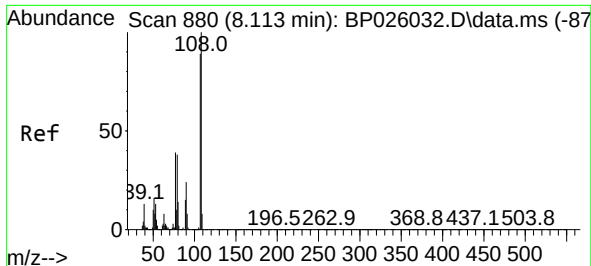


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.579 ng
RT: 8.184 min Scan# 892
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32



Tgt Ion: 45 Resp: 146569
Ion Ratio Lower Upper
45 100
77 15.7 0.0 33.9
79 10.6 0.0 30.4





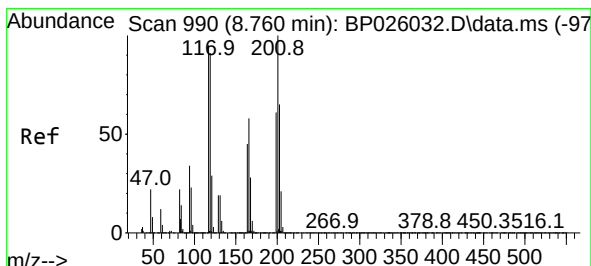
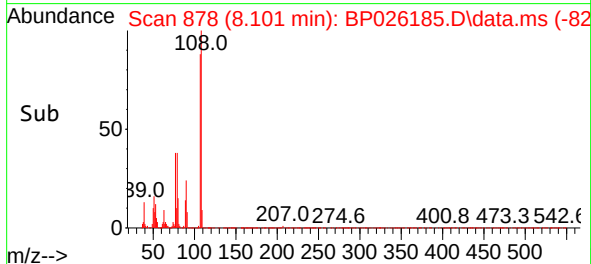
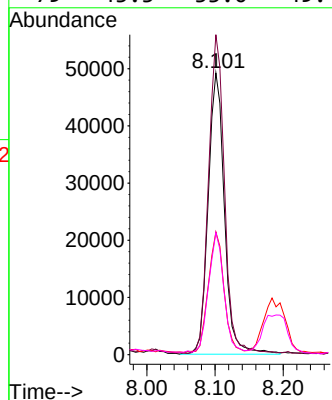
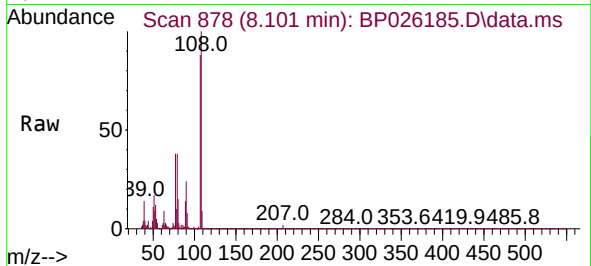
#17
2-Methylphenol
Concen: 3.225 ng
RT: 8.101 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion:107 Resp: 81773
Ion Ratio Lower Upper
107 100
108 113.6 89.7 134.5
77 43.5 33.9 50.9
79 43.3 33.0 49.4

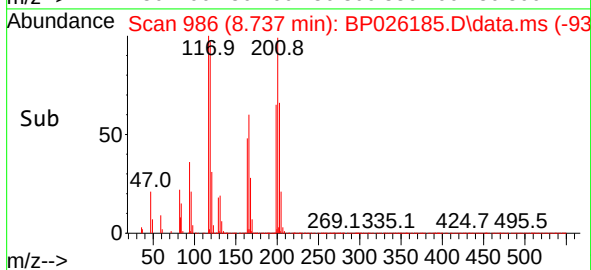
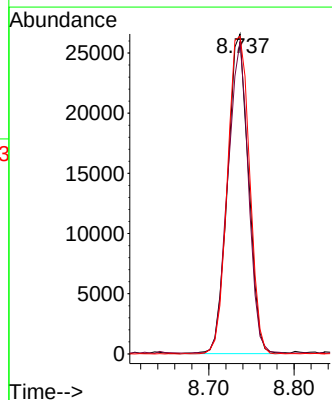
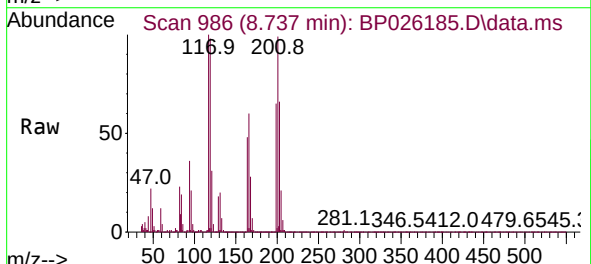
Manual Integrations
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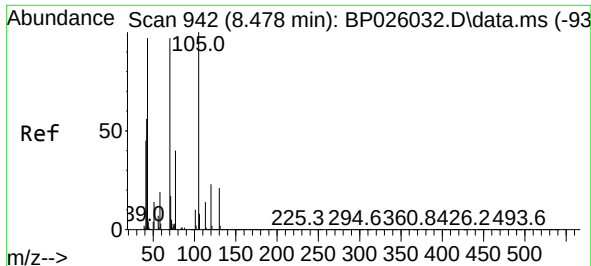
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#18
Hexachloroethane
Concen: 3.699 ng
RT: 8.737 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:117 Resp: 45158
Ion Ratio Lower Upper
117 100
119 97.6 78.7 118.1
201 99.2 85.1 127.7





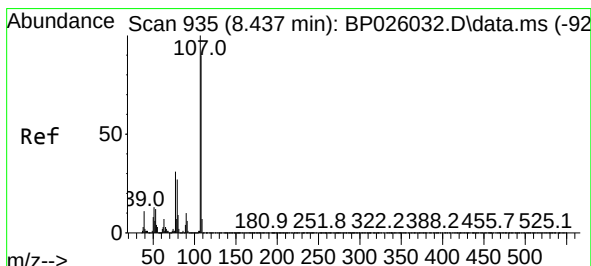
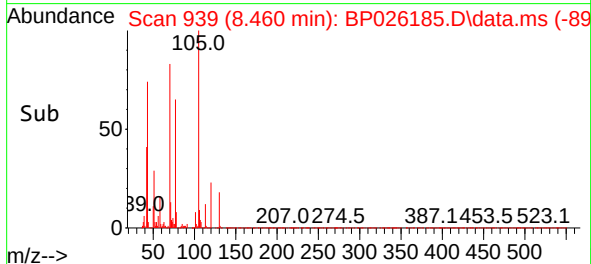
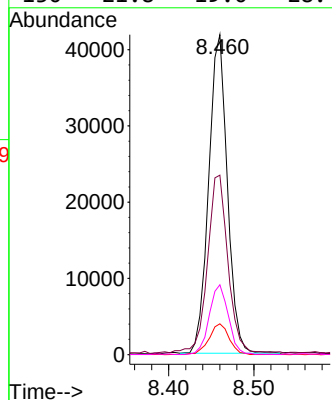
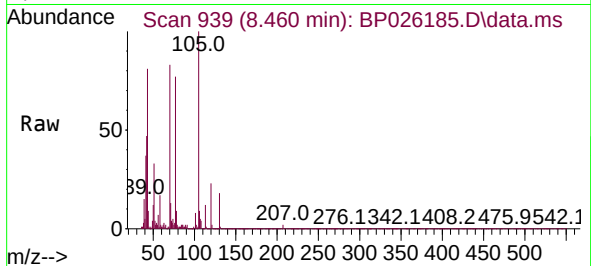
#19
n-Nitroso-di-n-propylamine
Concen: 2.964 ng
RT: 8.460 min Scan# 931
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025

Tgt Ion: 70 Resp: 6366
Ion Ratio Lower Upper
70 100
42 56.1 44.1 66.1
101 9.6 8.2 12.4
130 21.8 19.0 28.4

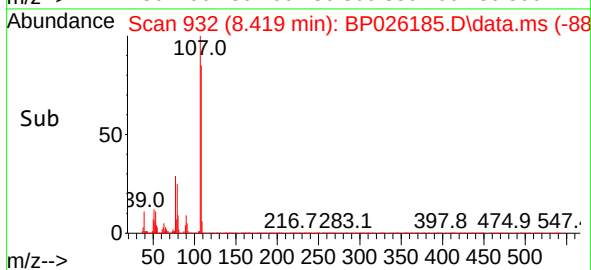
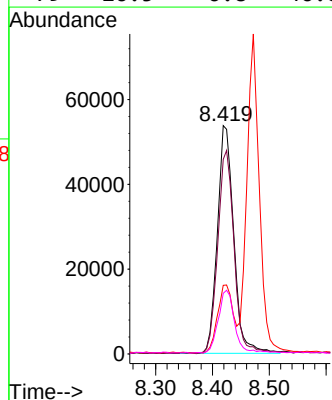
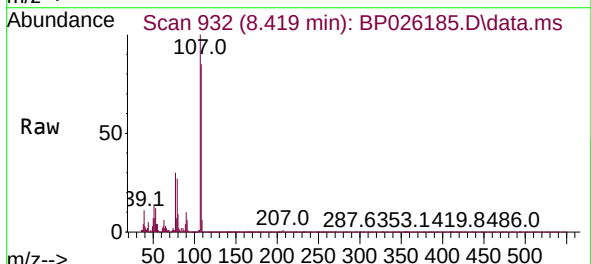
Manual Integrations
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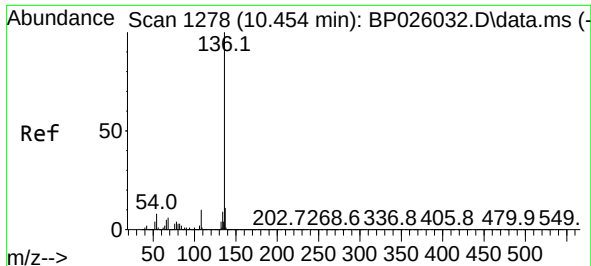
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#20
3+4-Methylphenols
Concen: 3.053 ng
RT: 8.419 min Scan# 932
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

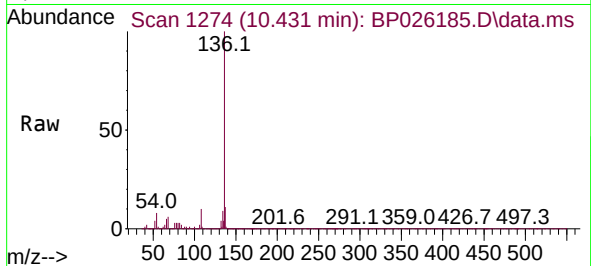
Tgt Ion:107 Resp: 107267
Ion Ratio Lower Upper
107 100
108 85.2 68.9 108.9
77 30.0 10.4 50.4
79 26.5 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

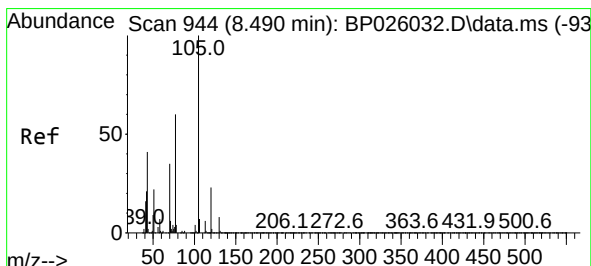
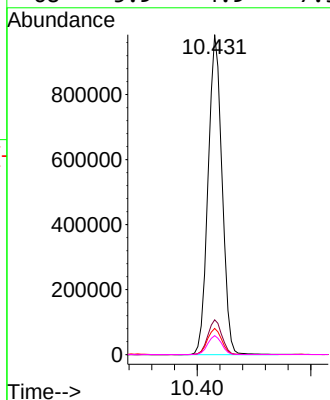
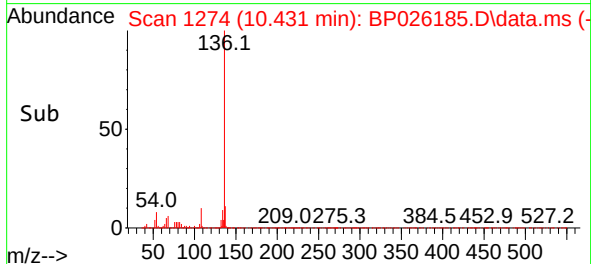
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025



Tgt Ion:136 Resp: 1678632
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.2 6.4 9.6
68 5.9 4.9 7.3

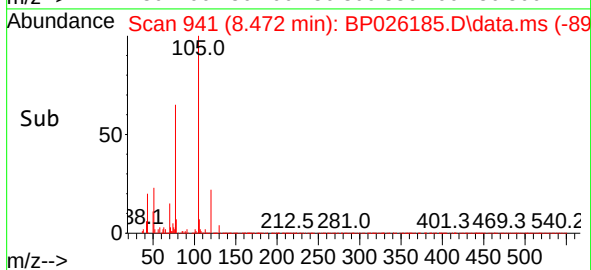
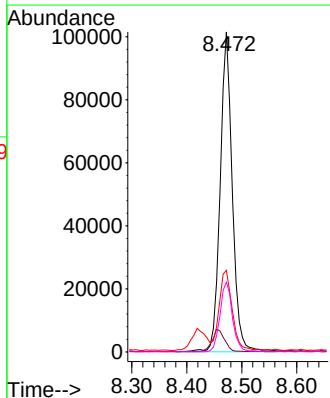
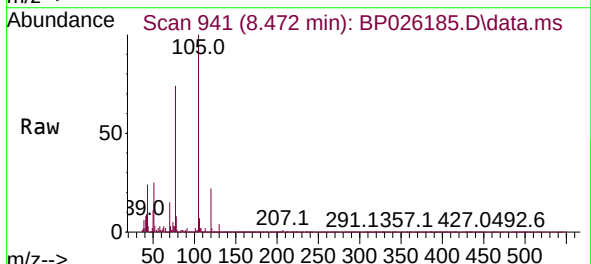
Manual Integrations
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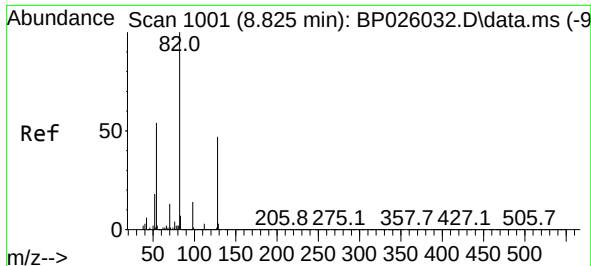
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#22
Acetophenone
Concen: 3.651 ng
RT: 8.472 min Scan# 941
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:105 Resp: 155777
Ion Ratio Lower Upper
105 100
71 2.9 3.0 4.4#
51 25.5 20.5 30.7
120 21.8 18.2 27.2





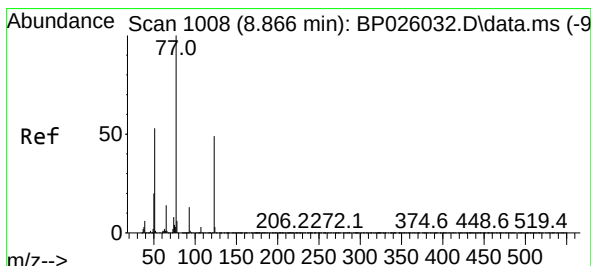
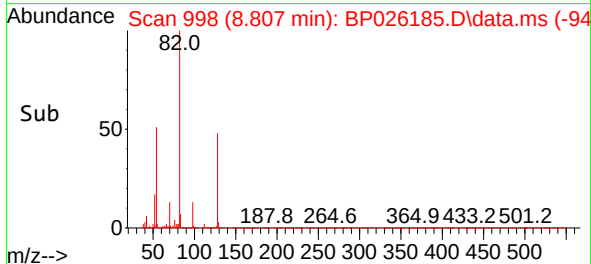
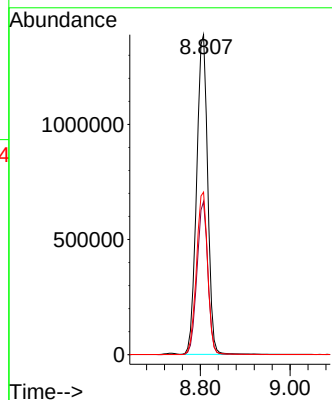
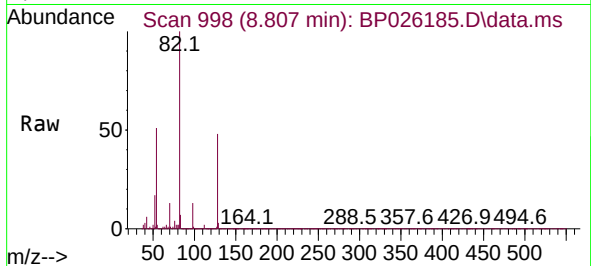
#23
Nitrobenzene-d5
Concen: 80.400 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion: 82 Resp: 2375993
Ion Ratio Lower Upper
82 100
128 47.8 37.4 56.0
54 50.8 41.6 62.4

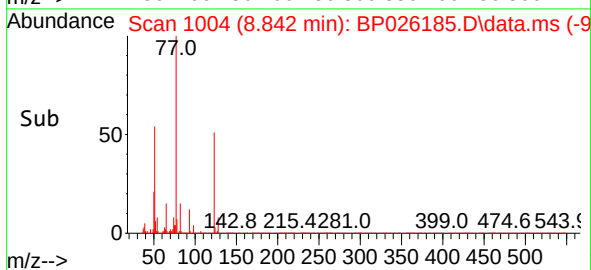
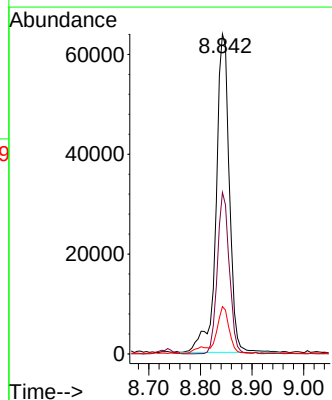
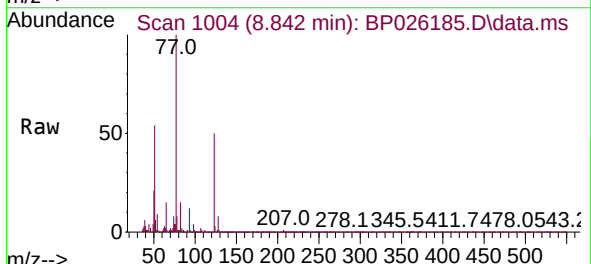
Manual Integrations
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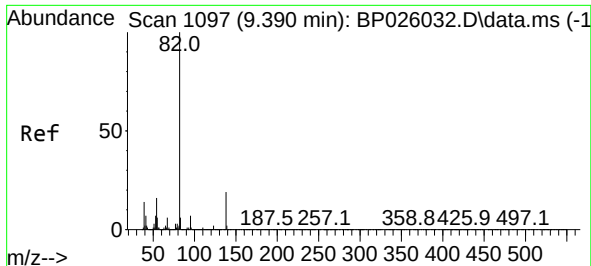
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#24
Nitrobenzene
Concen: 3.829 ng
RT: 8.842 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion: 77 Resp: 114448
Ion Ratio Lower Upper
77 100
123 50.5 39.8 59.8
65 14.8 11.2 16.8





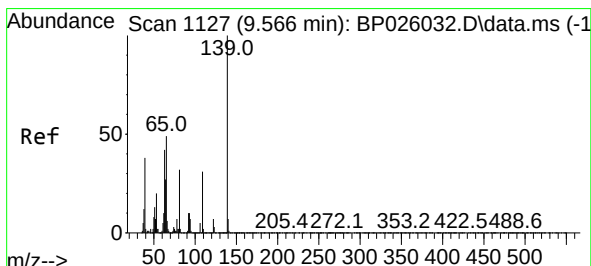
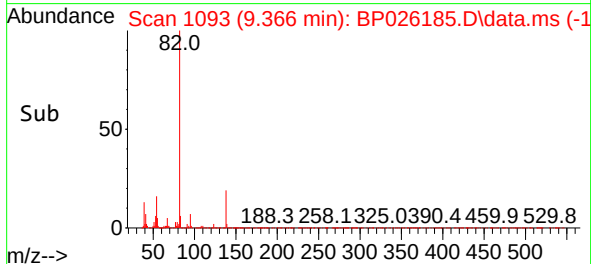
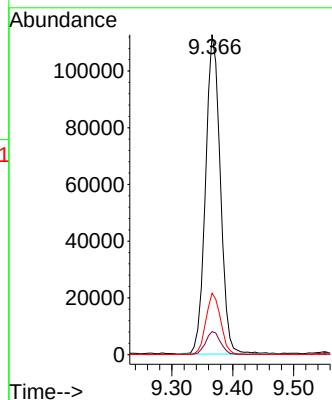
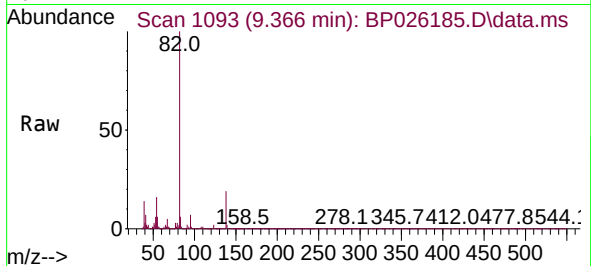
#25
Isophorone
Concen: 3.246 ng
RT: 9.366 min Scan# 1097
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025

Tgt Ion: 82 Resp: 19014
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 19.2 15.4 23.0

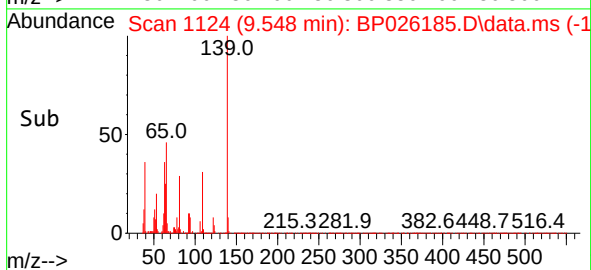
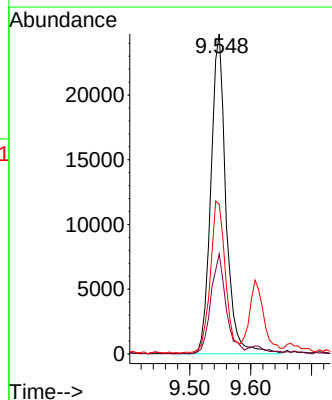
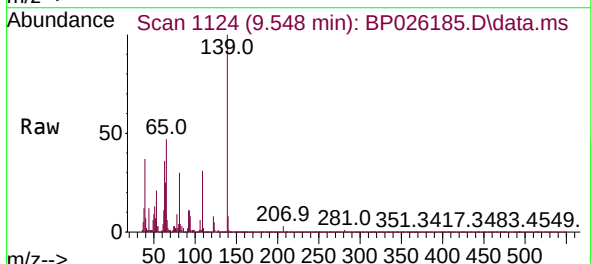
Manual Integrations
APPROVED

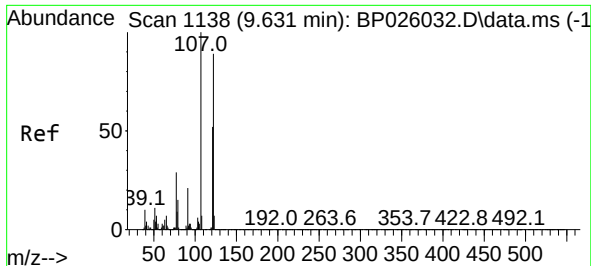
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#26
2-Nitrophenol
Concen: 2.816 ng
RT: 9.548 min Scan# 1124
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:139 Resp: 42602
Ion Ratio Lower Upper
139 100
109 31.2 22.3 33.5
65 46.8 37.2 55.8





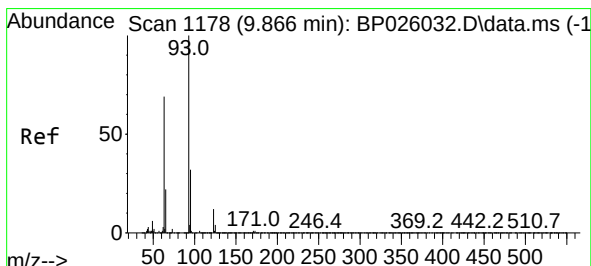
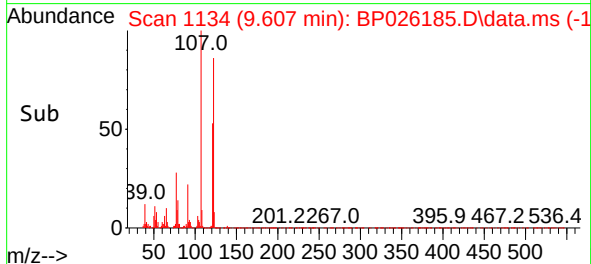
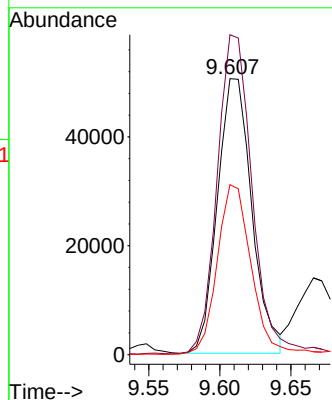
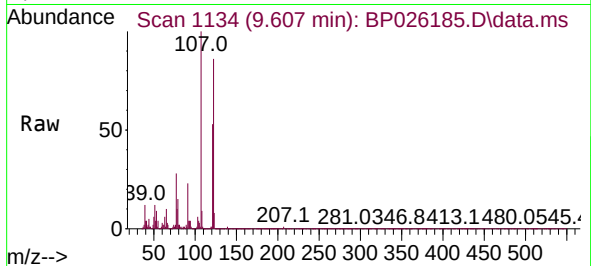
#27
2,4-Dimethylphenol
Concen: 3.122 ng
RT: 9.607 min Scan# 1138
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025

Tgt Ion: 122 Resp: 85153
Ion Ratio Lower Upper
122 100
107 116.0 91.0 136.6
121 61.6 47.0 70.6

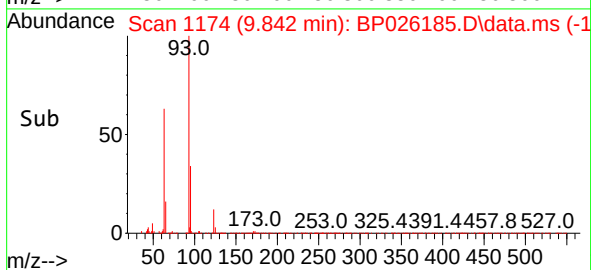
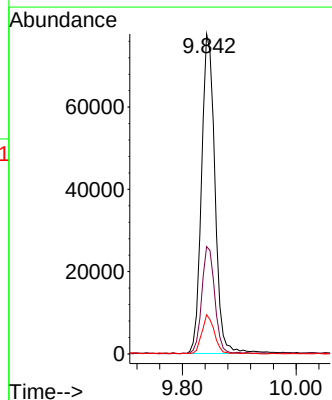
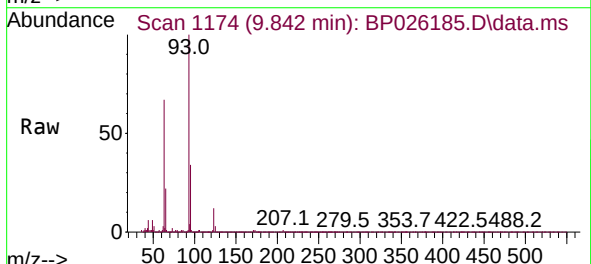
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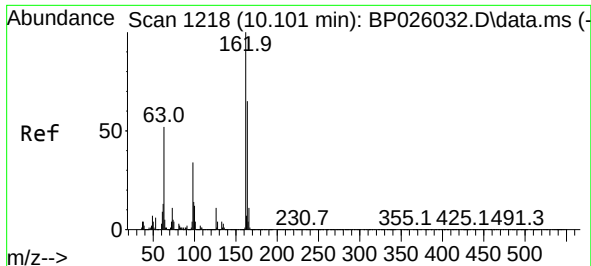
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#28
bis(2-Chloroethoxy)methane
Concen: 3.485 ng
RT: 9.842 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion: 93 Resp: 127855
Ion Ratio Lower Upper
93 100
95 33.5 26.4 39.6
123 12.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 3.198 ng

RT: 10.078 min Scan# 1214

Delta R.T. -0.018 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

Instrument :

BNA_P

ClientSampleId :

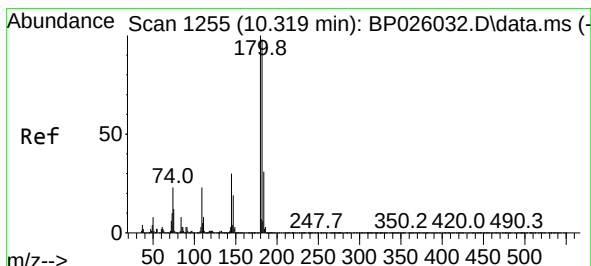
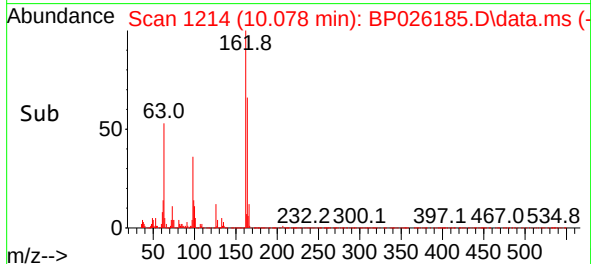
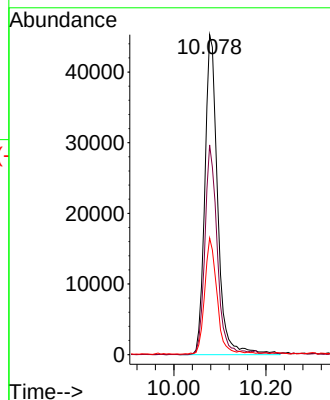
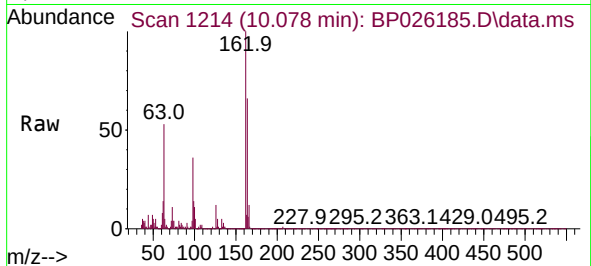
MDL-WATER-03-QT4-2025

Tgt Ion:	162	Resp:	87190
Ion Ratio	Lower	Upper	
162	100		
164	65.5	43.8	83.8
98	36.4	14.1	54.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#30

1,2,4-Trichlorobenzene

Concen: 3.876 ng

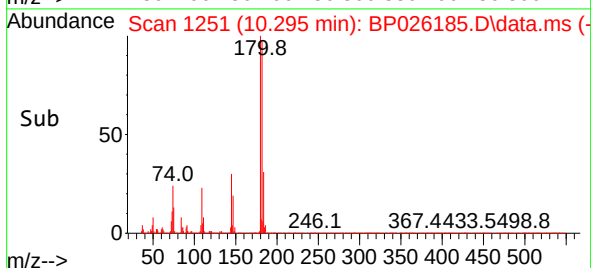
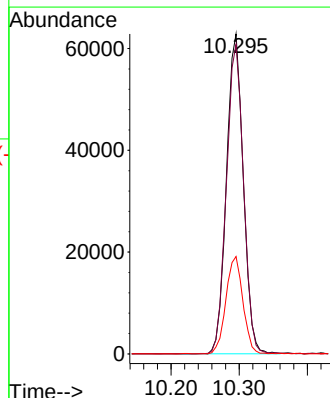
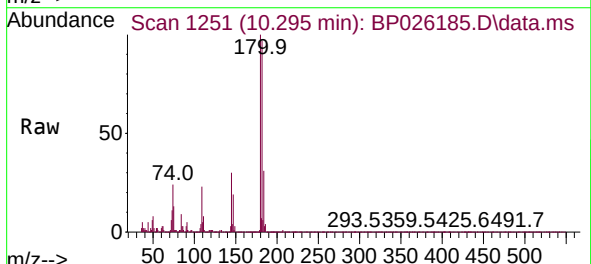
RT: 10.295 min Scan# 1251

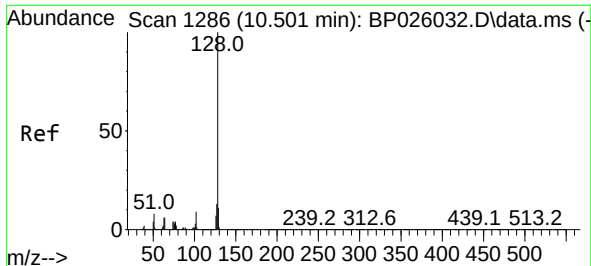
Delta R.T. -0.012 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

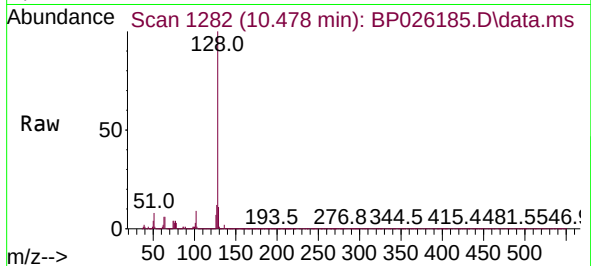
Tgt Ion:	180	Resp:	107612
Ion Ratio	Lower	Upper	
180	100		
182	96.7	78.1	117.1
145	30.4	24.2	36.4





#31
Naphthalene
Concen: 3.633 ng
RT: 10.478 min Scan# 1144
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

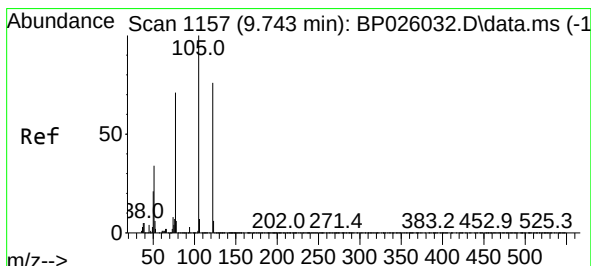
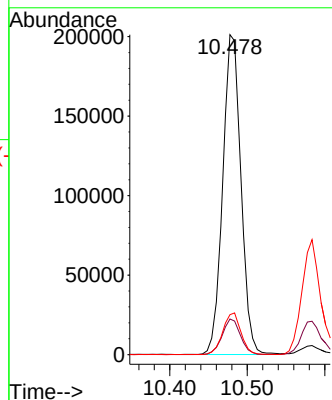
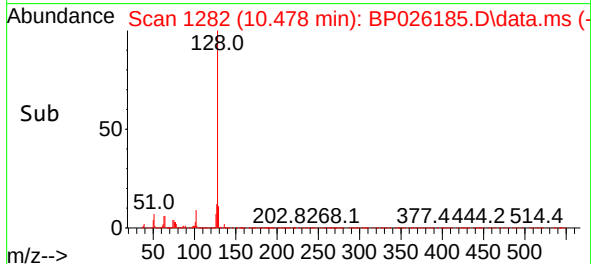
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025



Tgt Ion:128 Resp: 329561
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.5 10.2 15.4

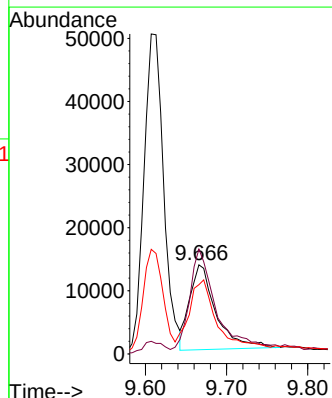
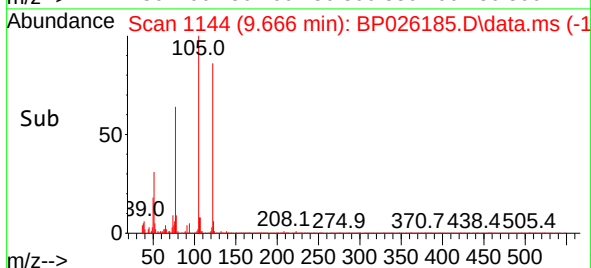
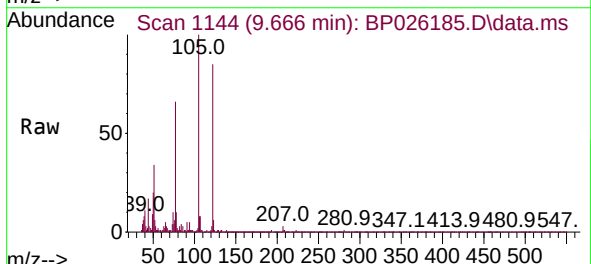
Manual Integrations
APPROVED

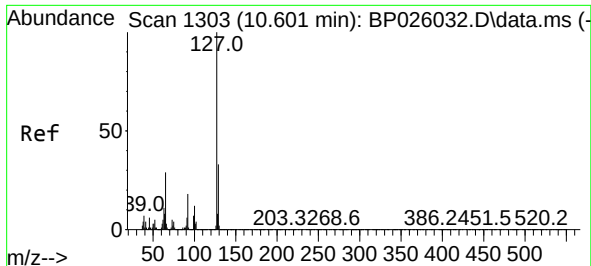
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#32
Benzoic acid
Concen: 1.328 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.100 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

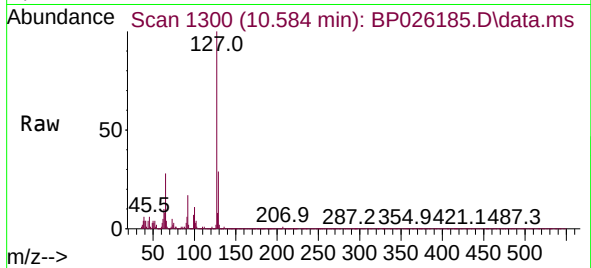
Tgt Ion:122 Resp: 30508
Ion Ratio Lower Upper
122 100
105 117.7 100.1 140.1
77 77.7 66.7 106.7





#33
4-Chloroaniline
Concen: 3.273 ng
RT: 10.584 min Scan# 1300
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

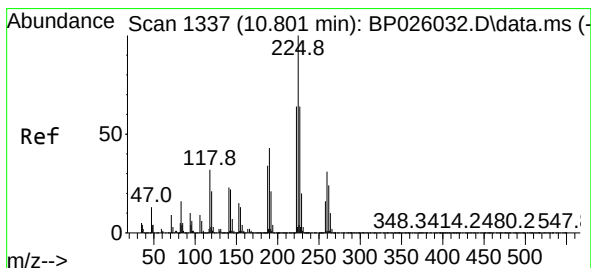
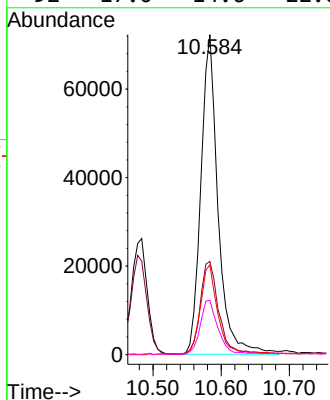
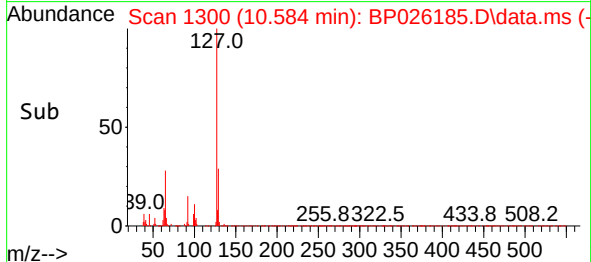
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025



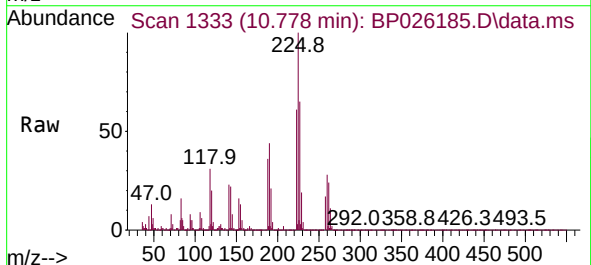
Tgt Ion:127 Resp: 126270
Ion Ratio Lower Upper
127 100
129 29.1 25.8 38.8
65 28.0 22.7 34.1
92 17.0 14.6 22.0

Manual Integrations
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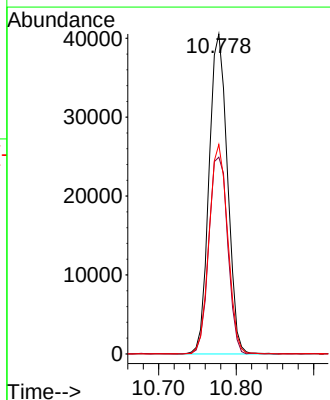
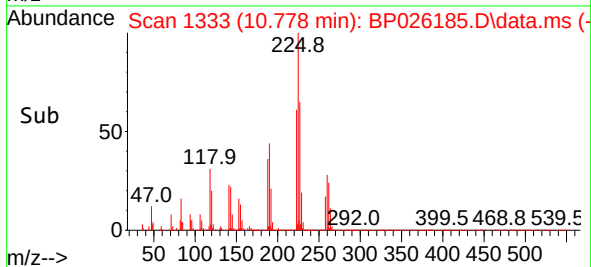
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

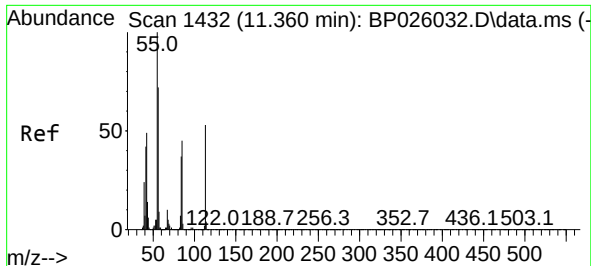


#34
Hexachlorobutadiene
Concen: 3.697 ng
RT: 10.778 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32



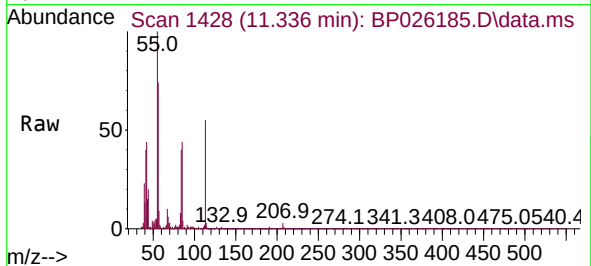
Tgt Ion:225 Resp: 66756
Ion Ratio Lower Upper
225 100
223 61.5 49.6 74.4
227 65.4 51.2 76.8





#35
Caprolactam
Concen: 2.273 ng
RT: 11.336 min Scan# 1432
Delta R.T. -0.041 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

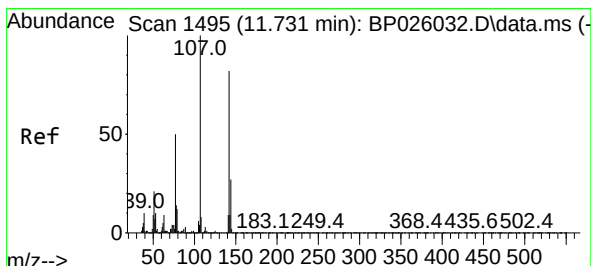
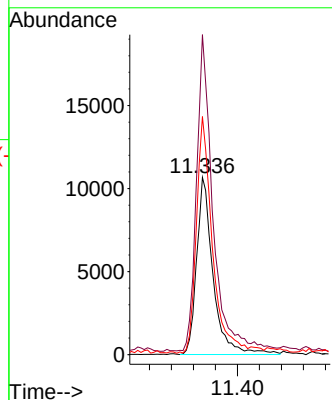
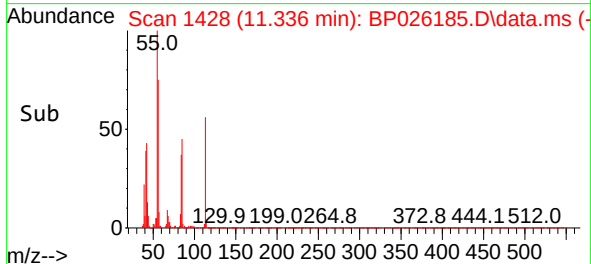
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025



Tgt Ion:113 Resp: 2219
Ion Ratio Lower Upper
113 100
55 180.7 153.0 193.0
56 134.4 106.4 146.4

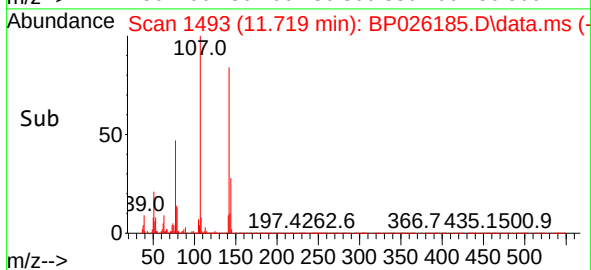
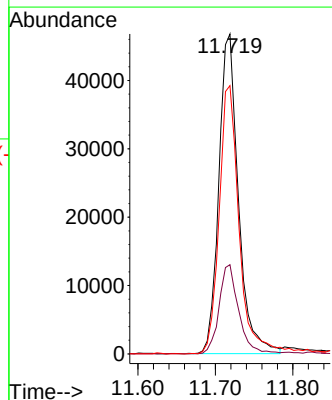
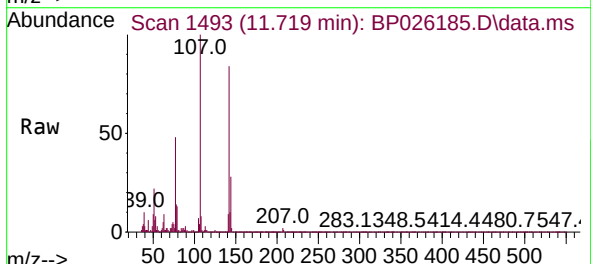
Manual Integrations
APPROVED

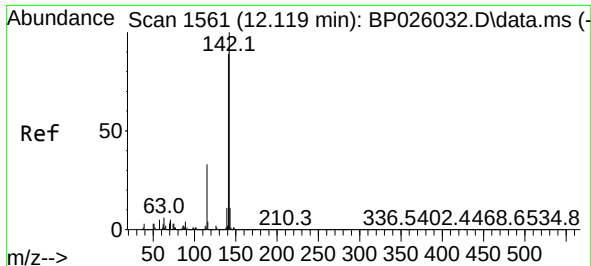
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#36
4-Chloro-3-methylphenol
Concen: 2.837 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:107 Resp: 82200
Ion Ratio Lower Upper
107 100
144 27.9 21.6 32.4
142 83.8 65.6 98.4





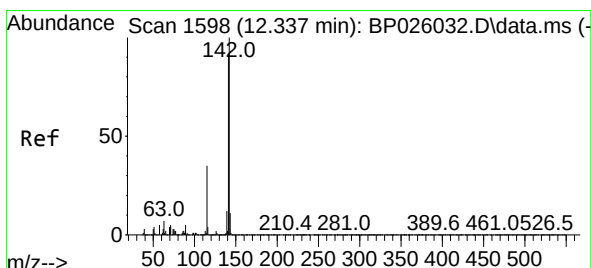
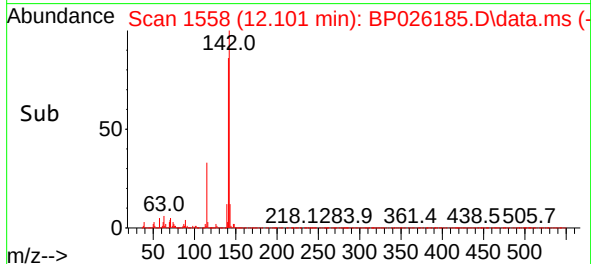
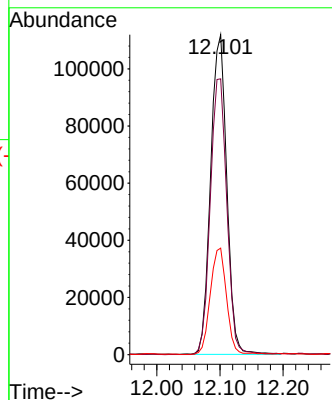
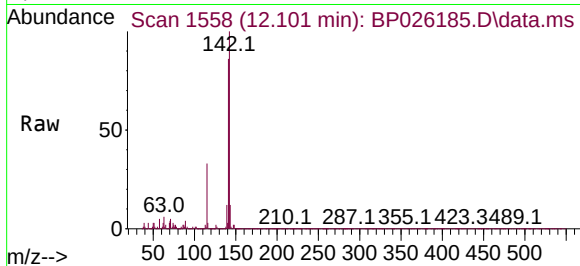
#37
2-Methylnaphthalene
Concen: 3.095 ng
RT: 12.101 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025

Tgt Ion:142 Resp: 199058
Ion Ratio Lower Upper
142 100
141 86.2 71.0 106.6
115 33.3 26.6 39.8

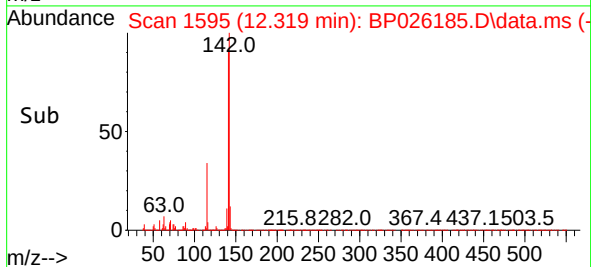
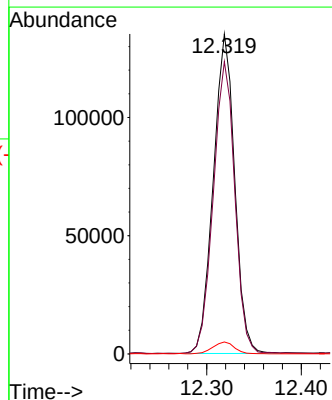
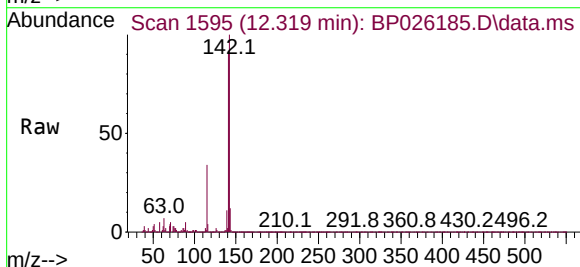
Manual Integrations
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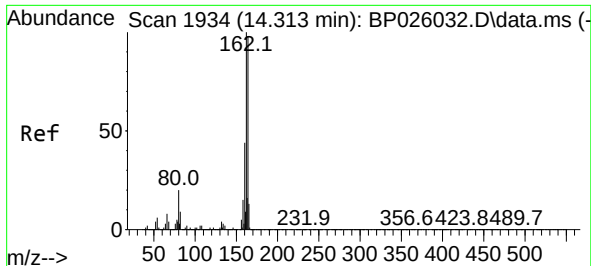
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#38
1-Methylnaphthalene
Concen: 3.376 ng
RT: 12.319 min Scan# 1595
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

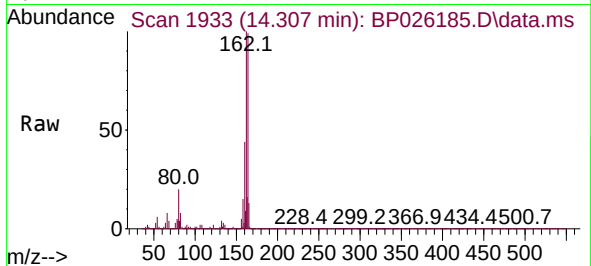
Tgt Ion:142 Resp: 212224
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3
116 3.7 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1934
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

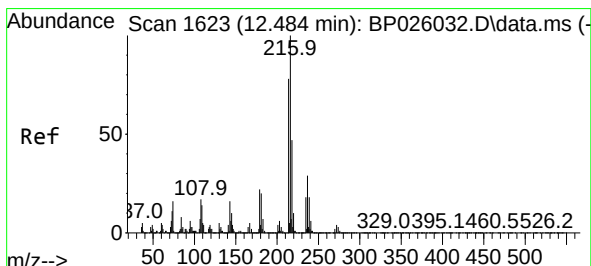
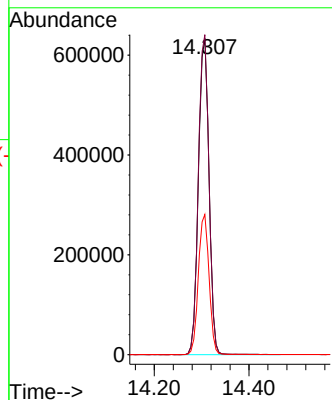
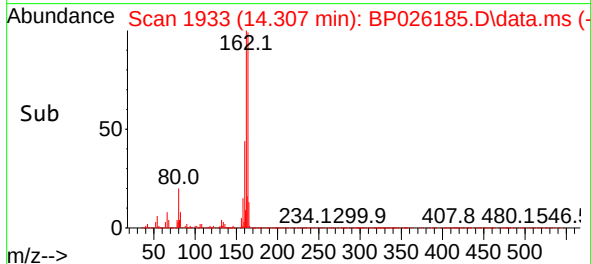
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025



Tgt Ion:164 Resp: 98305
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 44.3 35.2 52.8

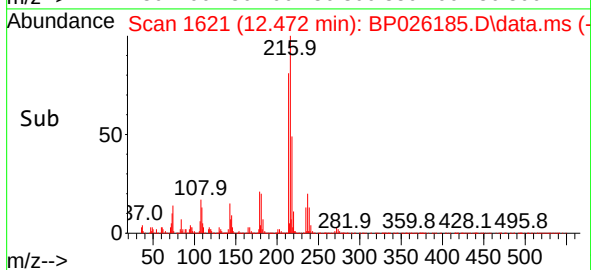
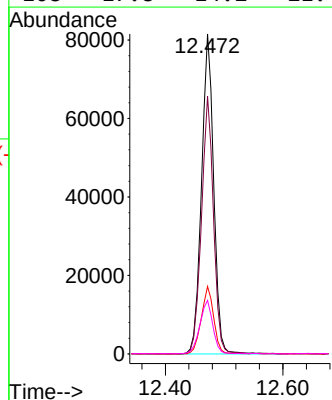
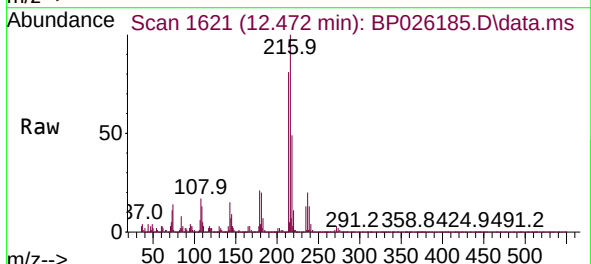
Manual Integrations
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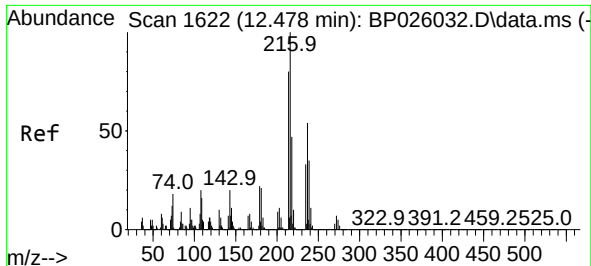
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.942 ng
RT: 12.472 min Scan# 1621
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

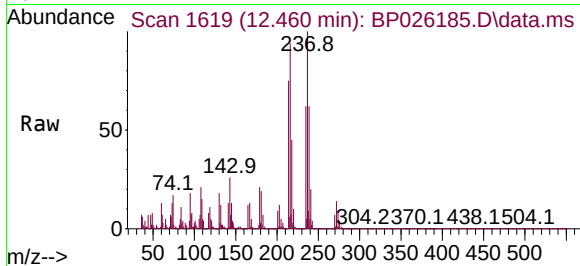
Tgt Ion:216 Resp: 117163
Ion Ratio Lower Upper
216 100
214 79.4 62.6 94.0
179 21.3 16.6 25.0
108 17.8 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 2.914 ng
RT: 12.460 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

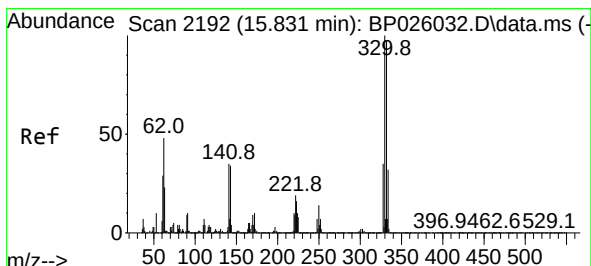
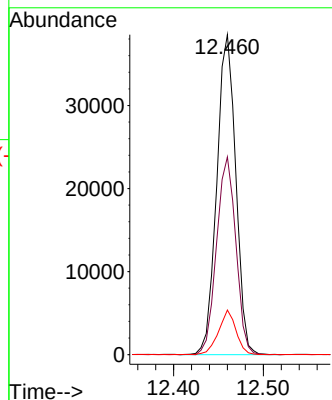
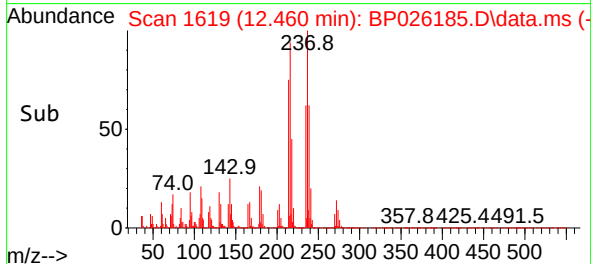
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025



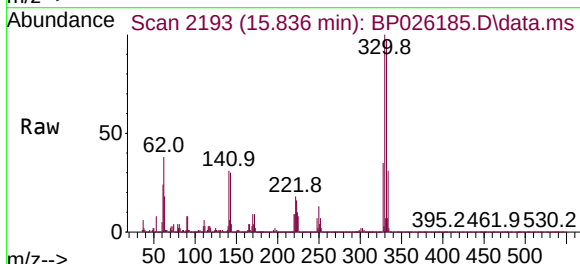
Tgt Ion: 237 Resp: 56686
Ion Ratio Lower Upper
237 100
235 61.8 43.3 83.3
272 13.9 0.0 32.9

Manual Integrations
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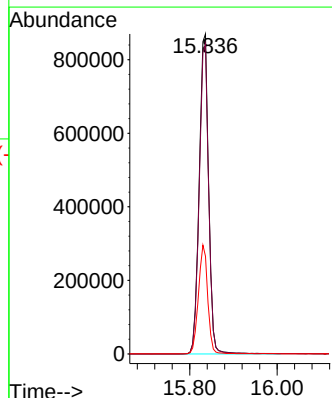
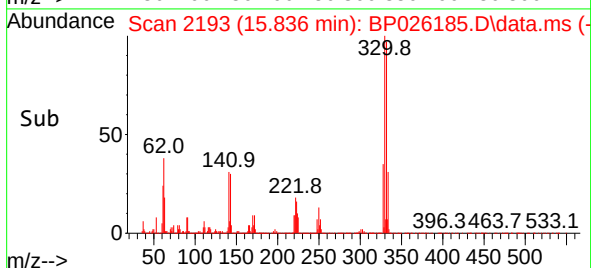
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

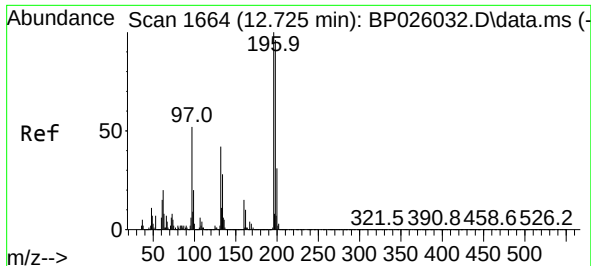


#42
2,4,6-Tribromophenol
Concen: 101.659 ng
RT: 15.836 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32



Tgt Ion: 330 Resp: 1296408
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 33.6 26.8 40.2





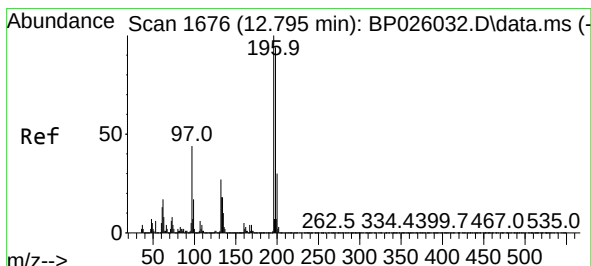
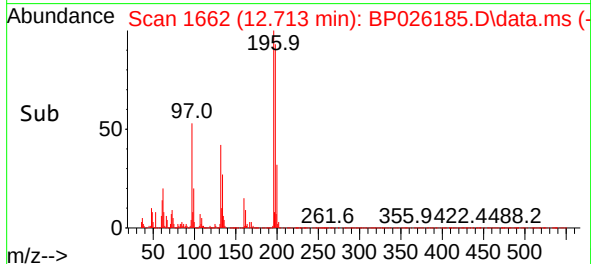
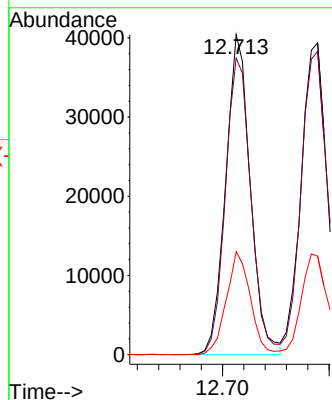
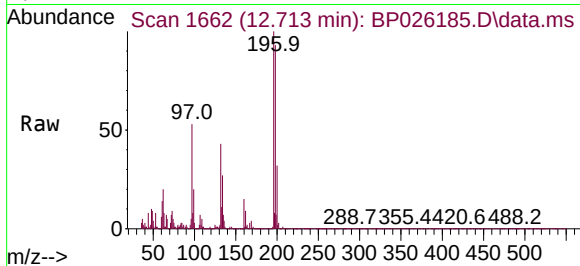
#43
2,4,6-Trichlorophenol
Concen: 3.191 ng
RT: 12.713 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025

Tgt Ion:196 Resp: 65031
Ion Ratio Lower Upper
196 100
198 92.6 76.9 115.3
200 32.2 24.6 37.0

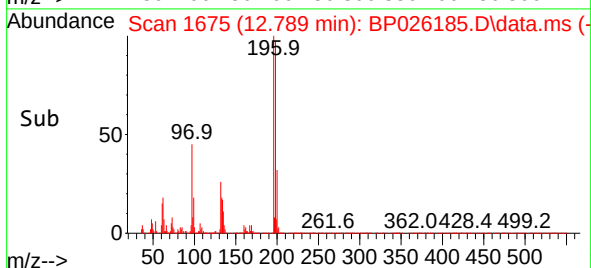
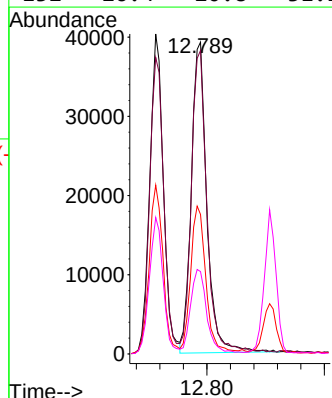
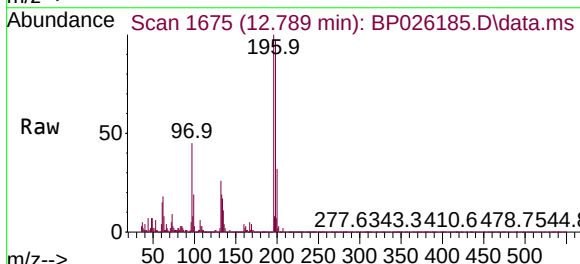
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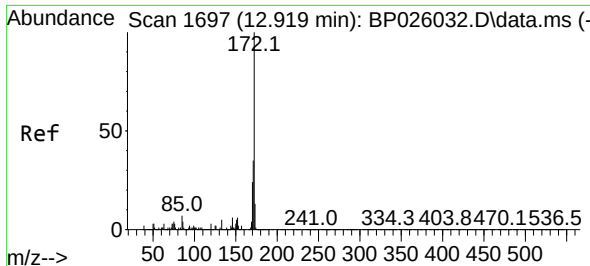
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#44
2,4,5-Trichlorophenol
Concen: 3.159 ng
RT: 12.789 min Scan# 1675
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:196 Resp: 71859
Ion Ratio Lower Upper
196 100
198 97.3 76.4 114.6
97 44.7 35.7 53.5
132 26.4 20.8 31.2





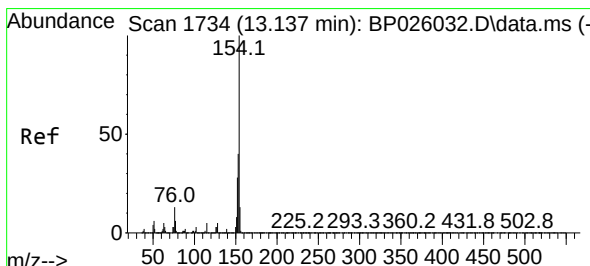
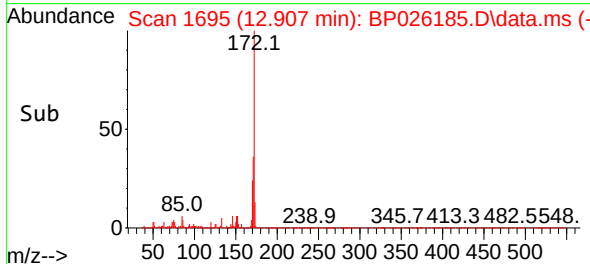
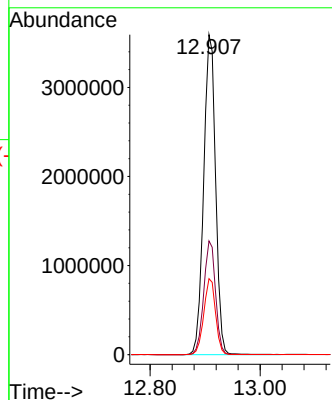
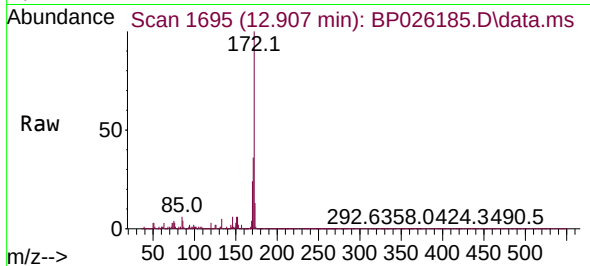
#45
2-Fluorobiphenyl
Concen: 80.294 ng
RT: 12.907 min Scan# 1695
Delta R.T. -0.024 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion:172 Resp: 5385743
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.7 18.7 28.1

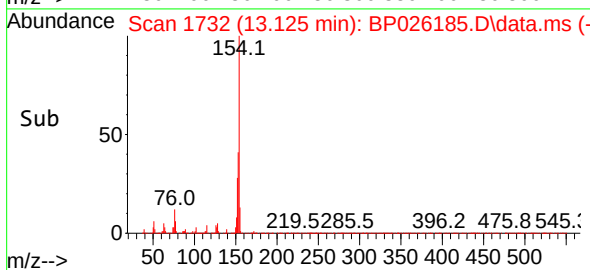
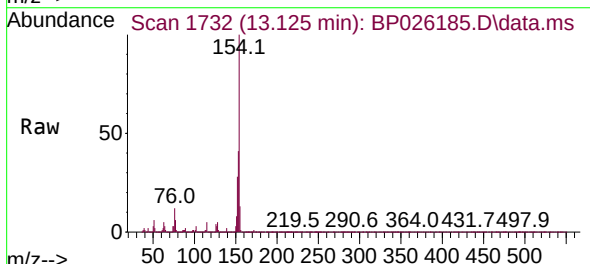
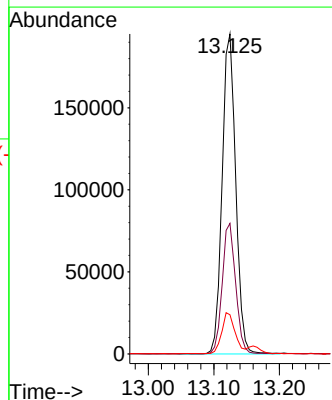
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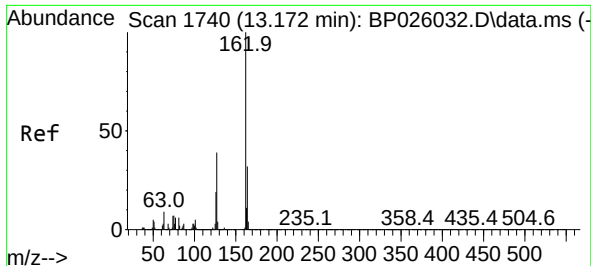
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#46
1,1'-Biphenyl
Concen: 3.799 ng
RT: 13.125 min Scan# 1732
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

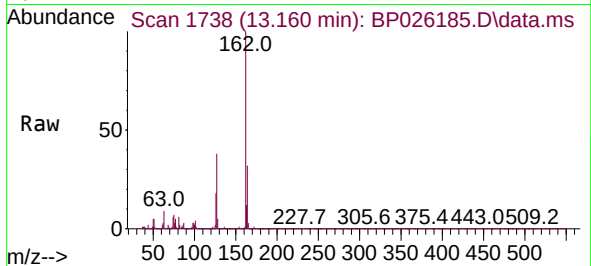
Tgt Ion:154 Resp: 281231
Ion Ratio Lower Upper
154 100
153 40.8 20.3 60.3
76 12.2 0.0 32.3





#47
2-Chloronaphthalene
Concen: 3.739 ng
RT: 13.160 min Scan# 1738
Delta R.T. -0.024 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

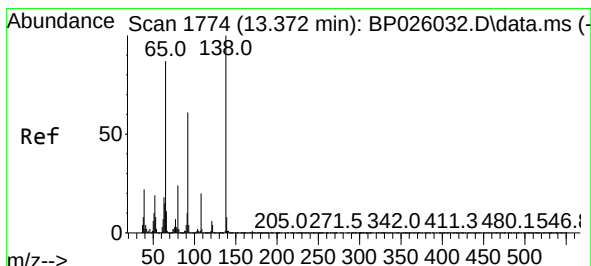
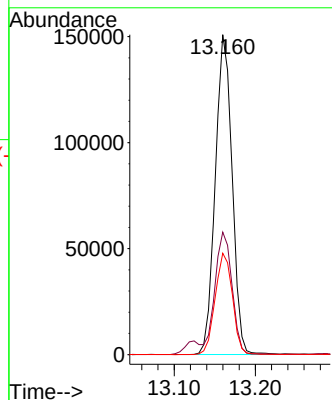
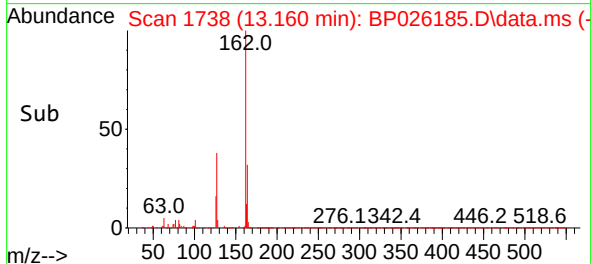
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025



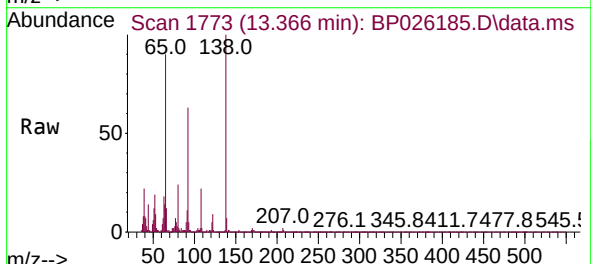
Tgt Ion: 162 Resp: 21762
Ion Ratio Lower Upper
162 100
127 38.3 30.9 46.3
164 31.7 26.4 39.6

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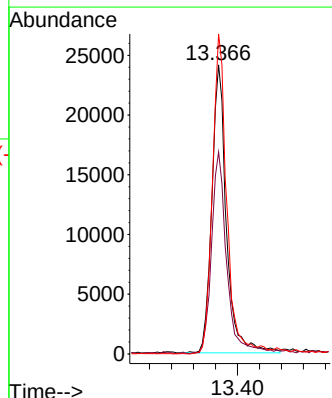
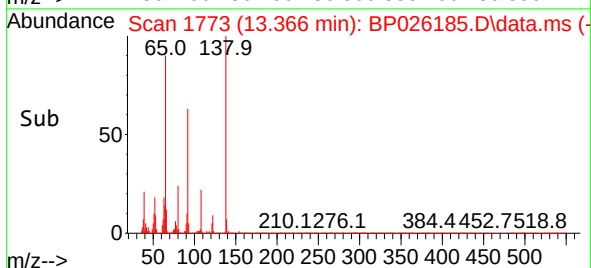
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

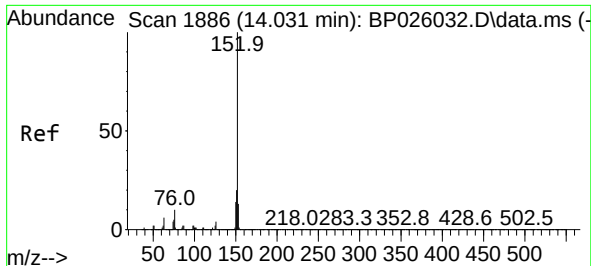


#48
2-Nitroaniline
Concen: 2.742 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32



Tgt Ion: 65 Resp: 44383
Ion Ratio Lower Upper
65 100
92 69.8 59.1 88.7
138 110.7 96.6 145.0





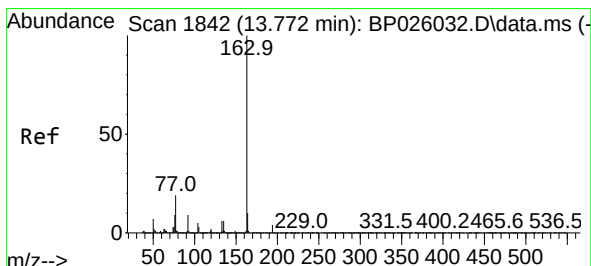
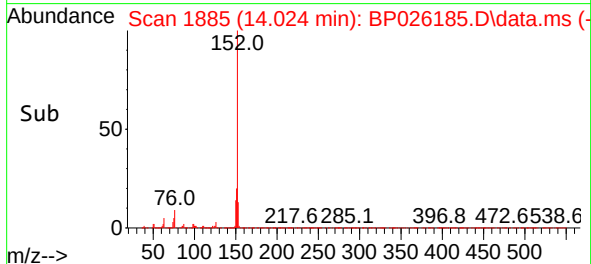
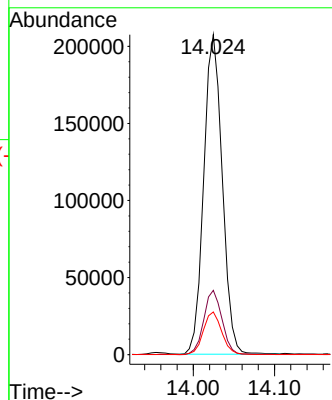
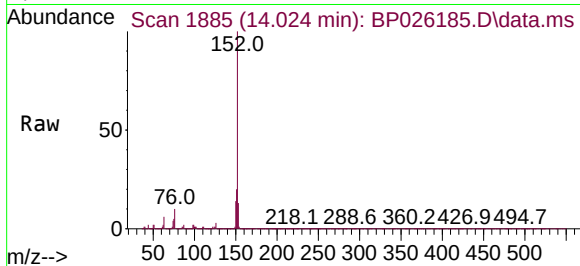
#49
Acenaphthylene
Concen: 3.427 ng
RT: 14.024 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument : BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion:152 Resp: 329043
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.3 10.6 16.0

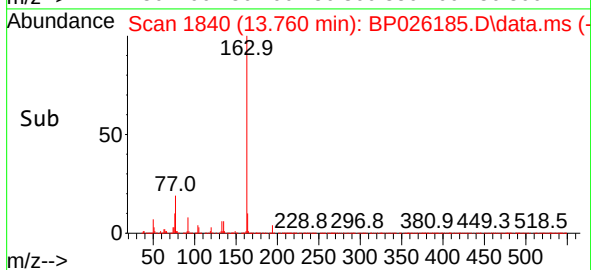
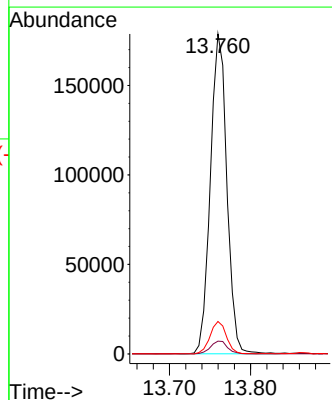
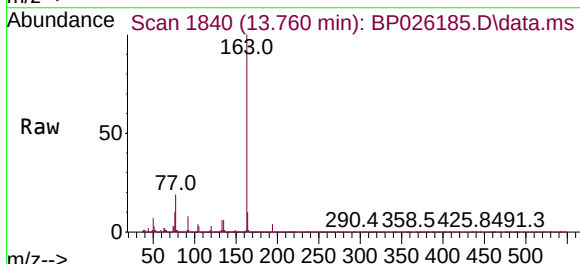
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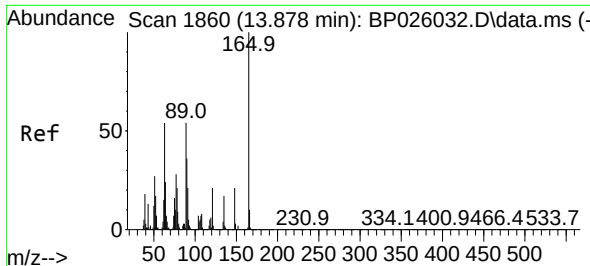
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#50
Dimethylphthalate
Concen: 3.450 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

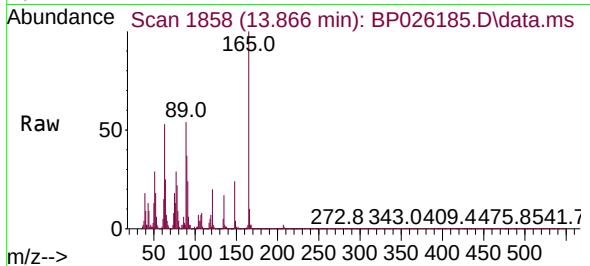
Tgt Ion:163 Resp: 253294
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 3.090 ng
RT: 13.866 min Scan# 1860
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

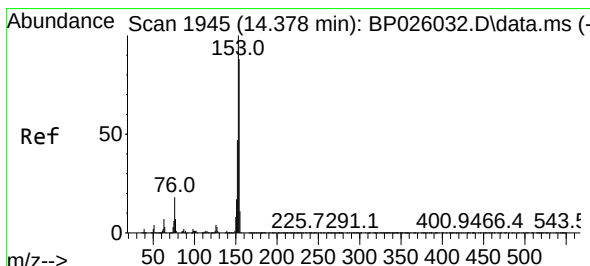
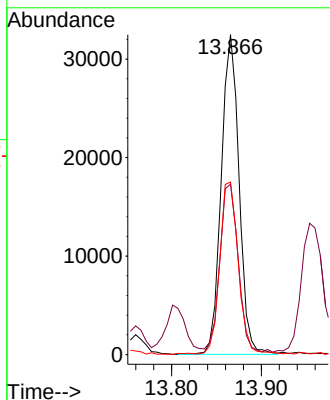
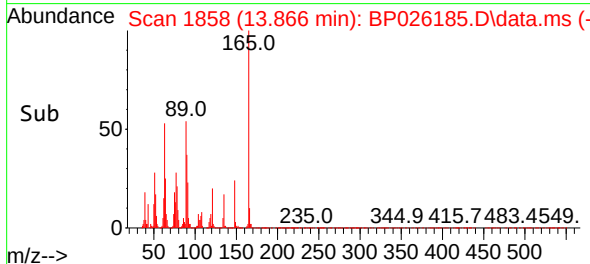
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025



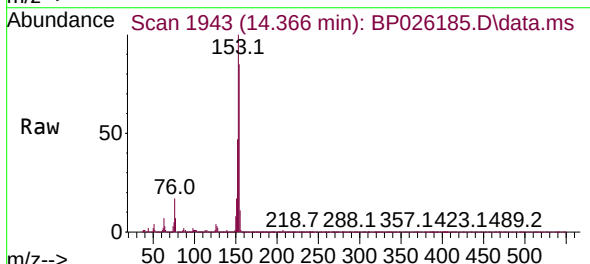
Tgt Ion:165 Resp: 44952
Ion Ratio Lower Upper
165 100
63 53.3 40.5 60.7
89 54.0 41.3 61.9

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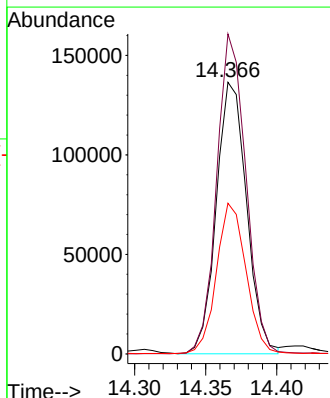
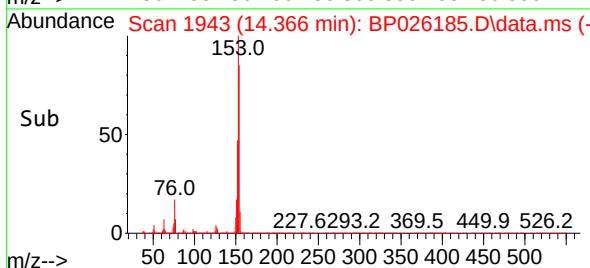
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

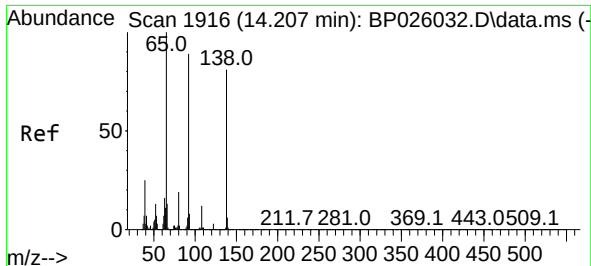


#52
Acenaphthene
Concen: 3.599 ng
RT: 14.366 min Scan# 1943
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32



Tgt Ion:154 Resp: 202511
Ion Ratio Lower Upper
154 100
153 117.8 90.7 136.1
152 55.4 42.8 64.2





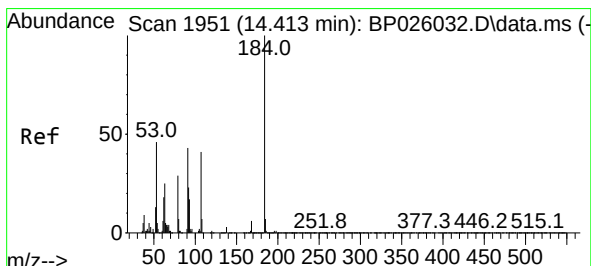
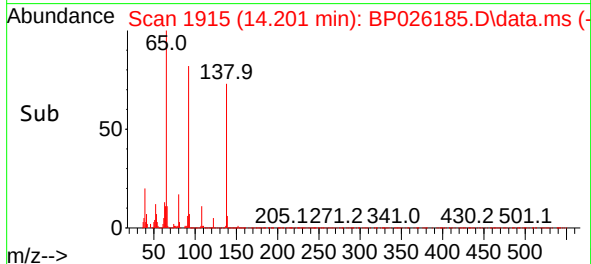
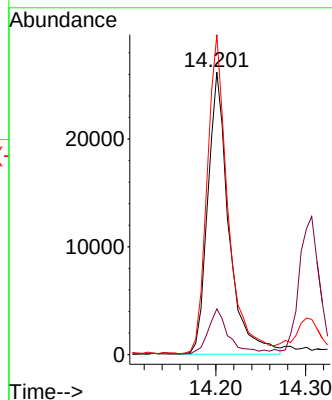
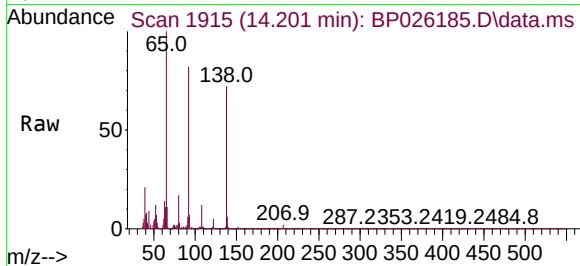
#53
3-Nitroaniline
Concen: 2.492 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025

Tgt Ion:138 Resp: 42695
Ion Ratio Lower Upper
138 100
108 16.2 8.9 13.3
92 113.3 86.3 129.5

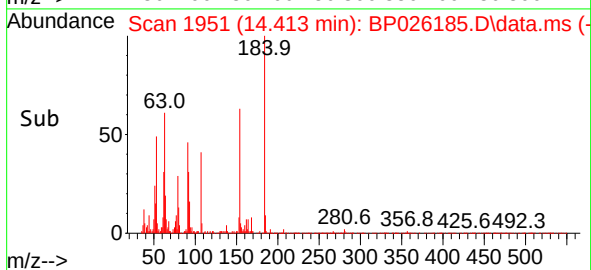
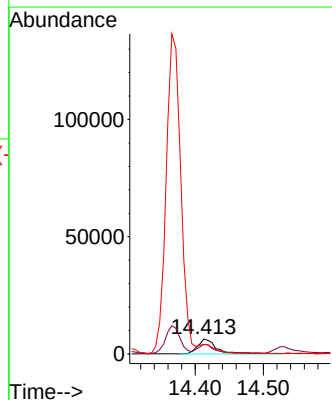
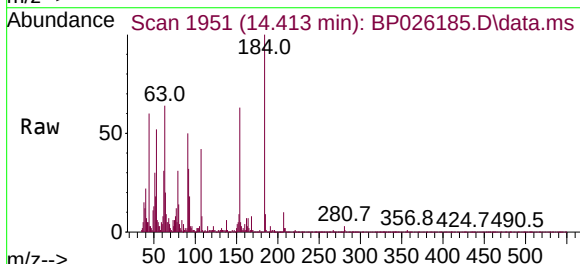
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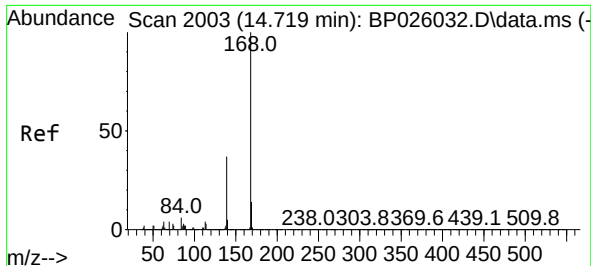
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#54
2,4-Dinitrophenol
Concen: 1.408 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

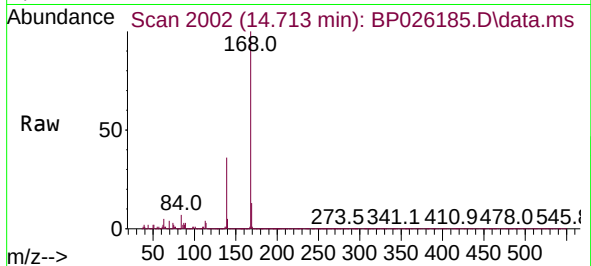
Tgt Ion:184 Resp: 12363
Ion Ratio Lower Upper
184 100
63 64.1 43.1 64.7
154 62.9 49.5 74.3





#55
Dibenzenofuran
Concen: 3.731 ng
RT: 14.713 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

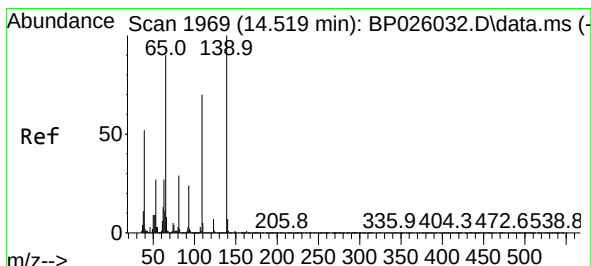
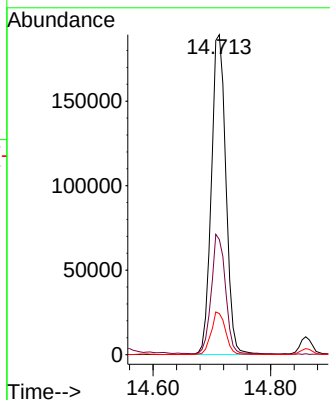
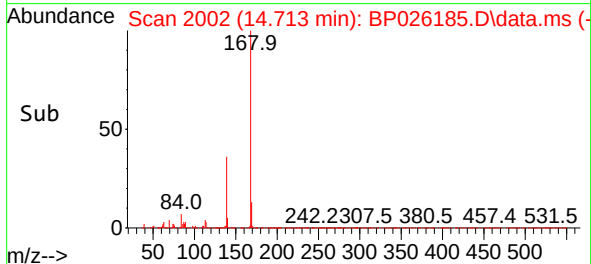
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025



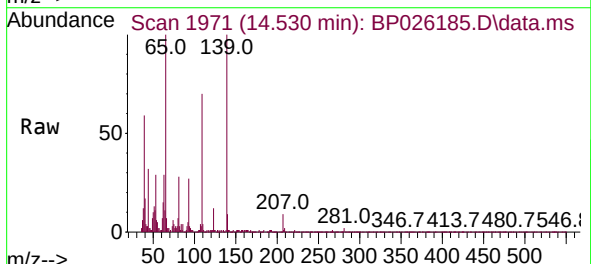
Tgt Ion:168 Resp: 325148
Ion Ratio Lower Upper
168 100
139 36.0 29.8 44.6
169 12.8 10.9 16.3

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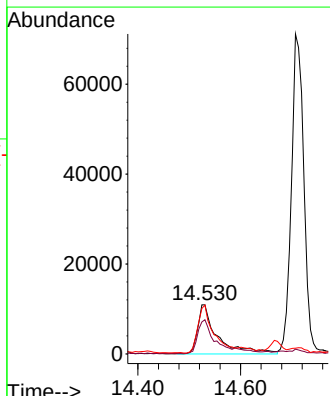
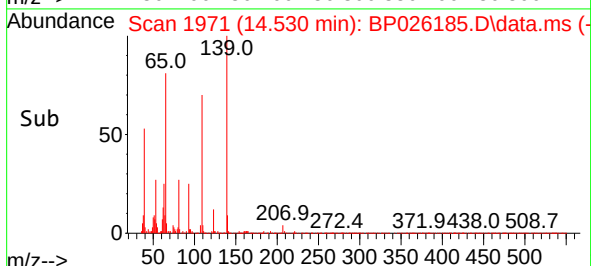
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

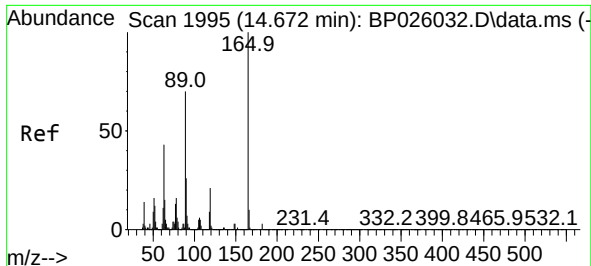


#56
4-Nitrophenol
Concen: 1.879 ng m
RT: 14.530 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32



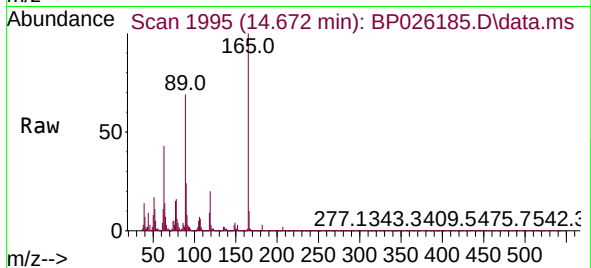
Tgt Ion:139 Resp: 29116
Ion Ratio Lower Upper
139 100
109 69.6 46.8 86.8
65 99.6 69.3 109.3





#57
2,4-Dinitrotoluene
Concen: 2.514 ng
RT: 14.672 min Scan# 1995
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

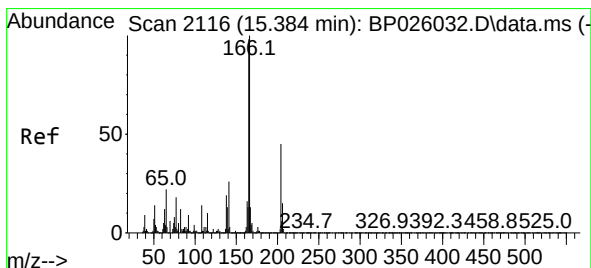
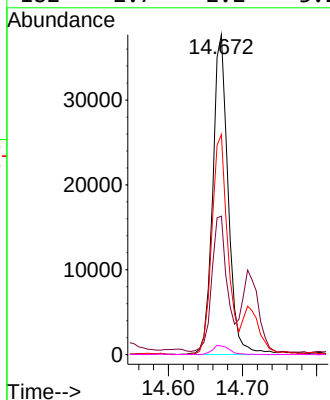
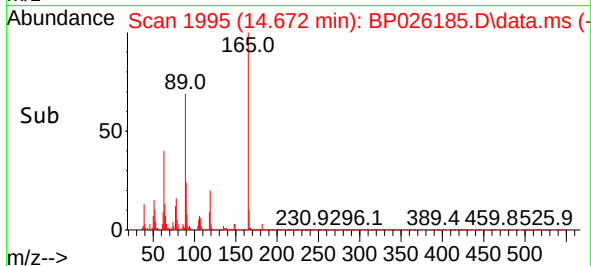
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025



Tgt Ion:165 Resp: 5462
Ion Ratio Lower Upper
165 100
63 43.3 31.0 46.6
89 68.8 51.7 77.5
182 2.7 2.2 3.2

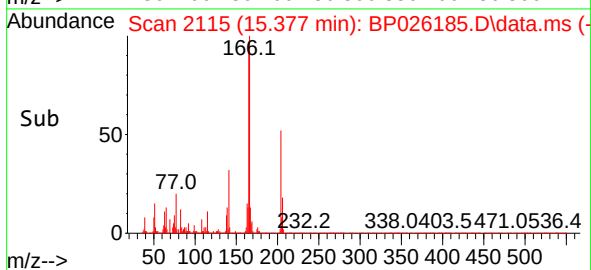
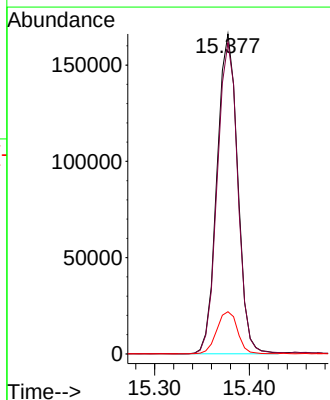
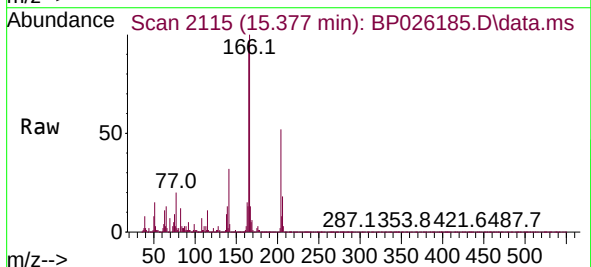
Manual Integrations
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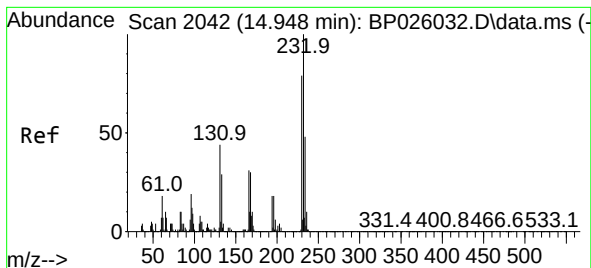
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#58
Fluorene
Concen: 3.653 ng
RT: 15.377 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:166 Resp: 251608
Ion Ratio Lower Upper
166 100
165 97.3 77.9 116.9
167 13.2 11.0 16.4





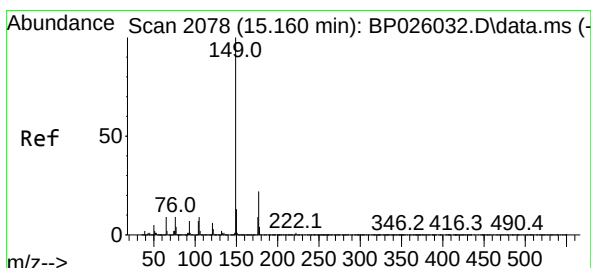
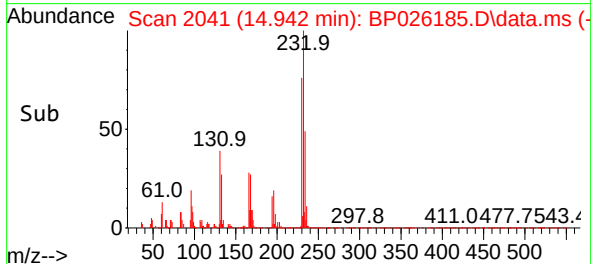
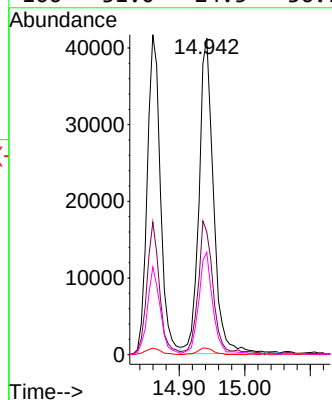
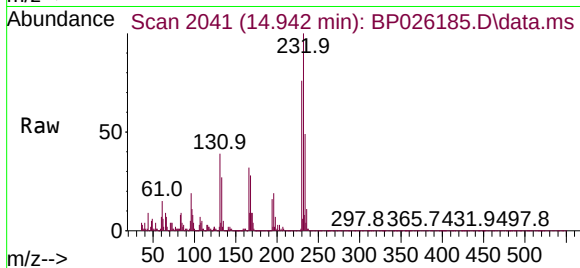
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.264 ng
RT: 14.942 min Scan# 2042
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025

Tgt Ion:232 Resp: 62995
Ion Ratio Lower Upper
232 100
131 40.2 34.8 52.2
130 2.3 1.8 2.8
166 31.0 24.5 36.7

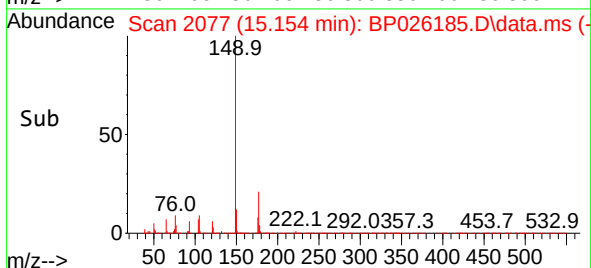
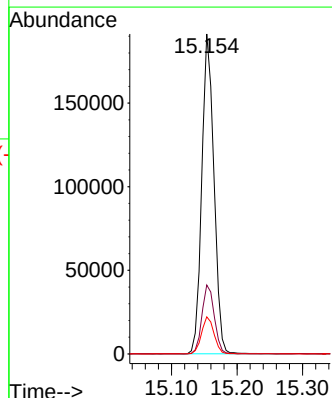
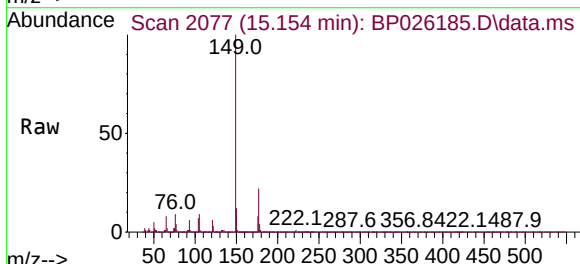
Manual Integrations
APPROVED

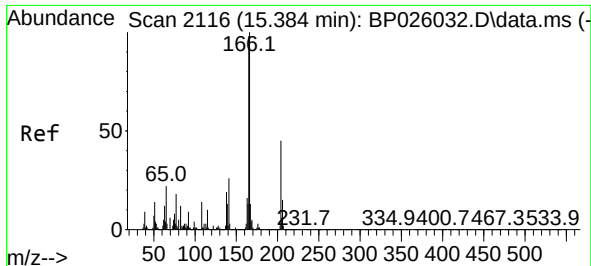
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#60
Diethylphthalate
Concen: 3.310 ng
RT: 15.154 min Scan# 2077
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:149 Resp: 244826
Ion Ratio Lower Upper
149 100
177 21.5 17.9 26.9
150 11.6 9.9 14.9





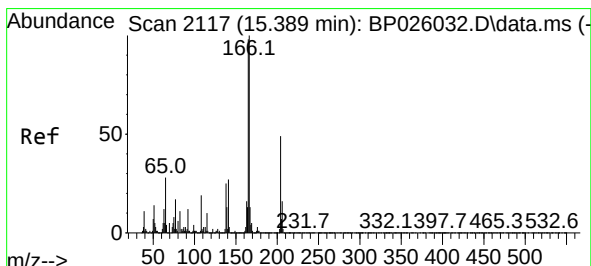
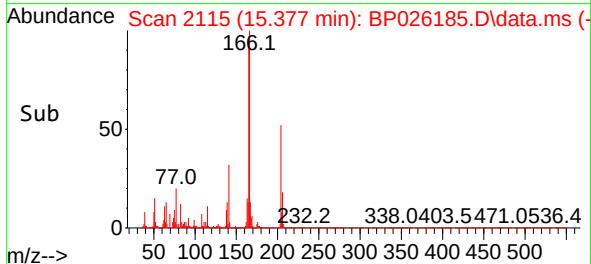
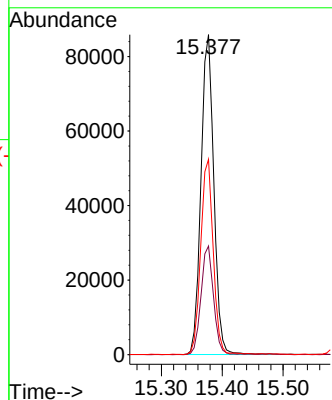
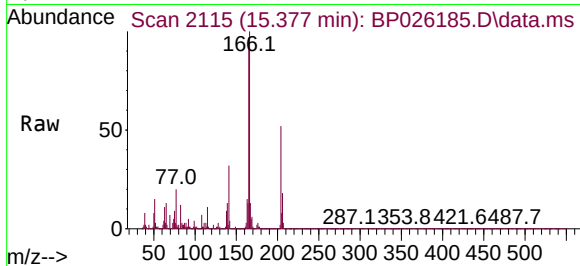
#61
4-Chlorophenyl-phenylether
Concen: 3.661 ng
RT: 15.377 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025

Tgt Ion: 204 Resp: 125490
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 61.0 48.1 72.1

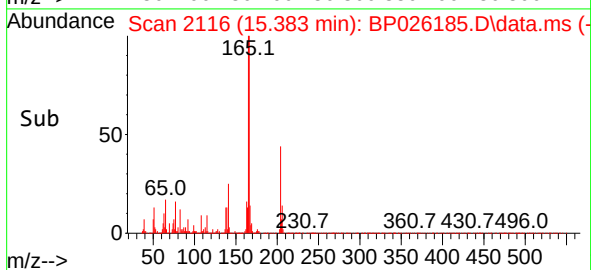
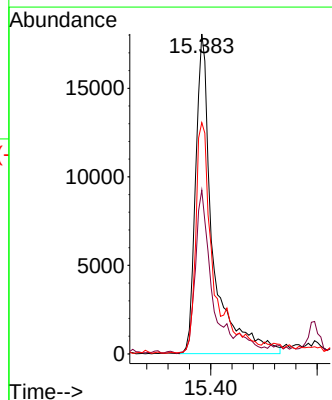
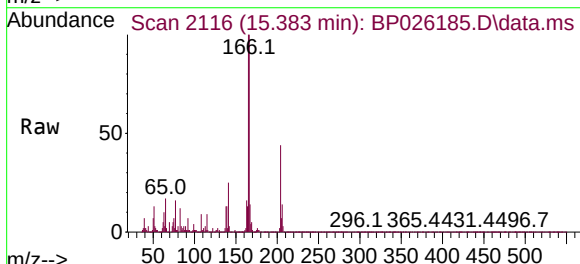
Manual Integrations
APPROVED

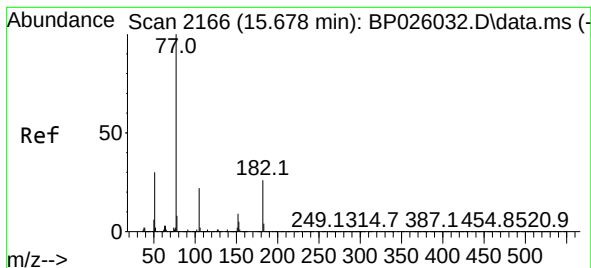
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#62
4-Nitroaniline
Concen: 2.282 ng
RT: 15.383 min Scan# 2116
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

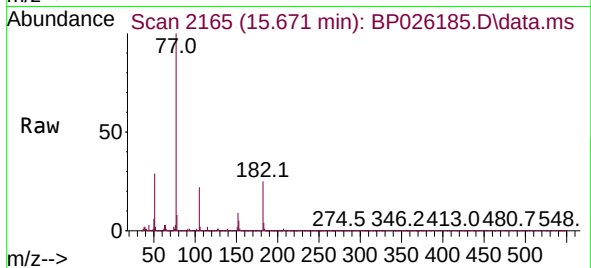
Tgt Ion: 138 Resp: 40586
Ion Ratio Lower Upper
138 100
92 51.2 27.5 67.5
108 72.3 51.1 91.1





#63
Azobenzene
Concen: 3.326 ng
RT: 15.671 min Scan# 2166
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

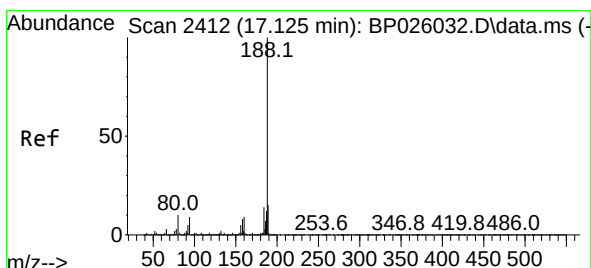
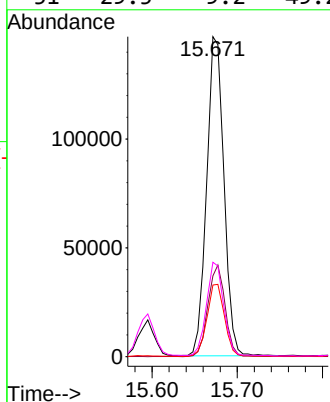
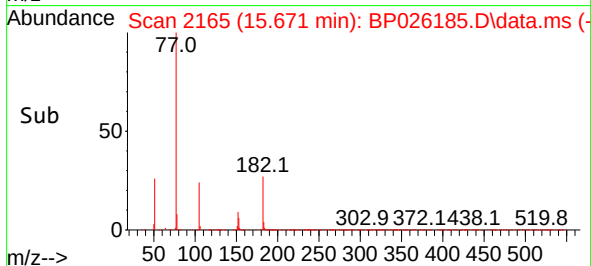
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025



Tgt Ion: 77 Resp: 207423
Ion Ratio Lower Upper
77 100
182 25.2 8.8 48.8
105 22.4 2.6 42.6
51 29.5 9.2 49.2

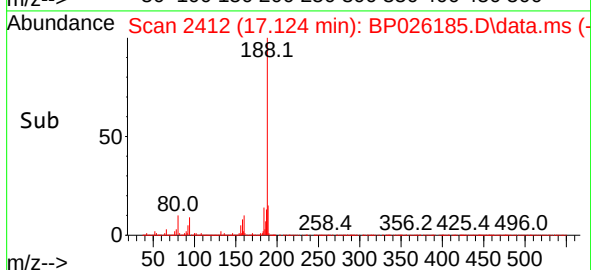
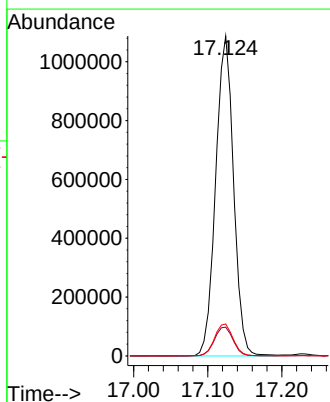
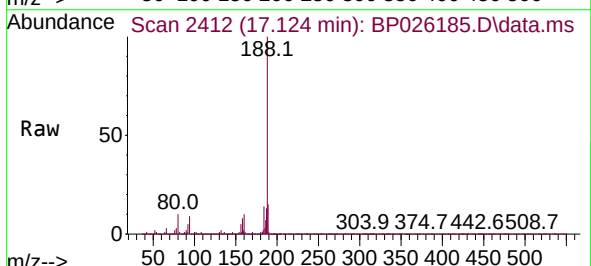
Manual Integrations
APPROVED

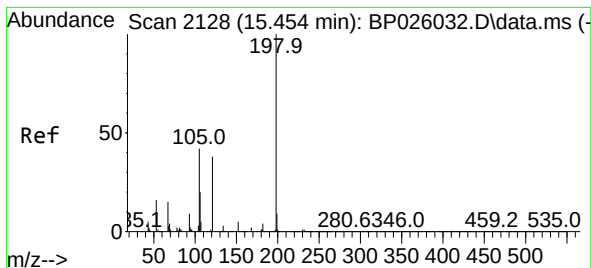
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.124 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:188 Resp: 1821155
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 10.0 8.2 12.2





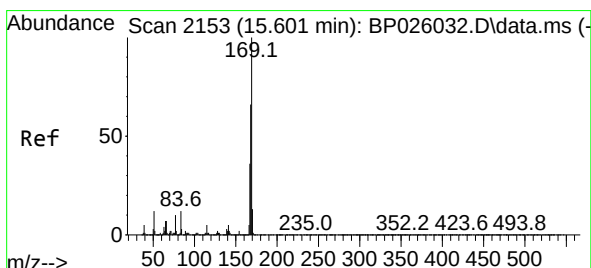
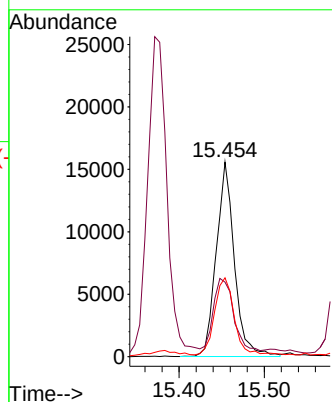
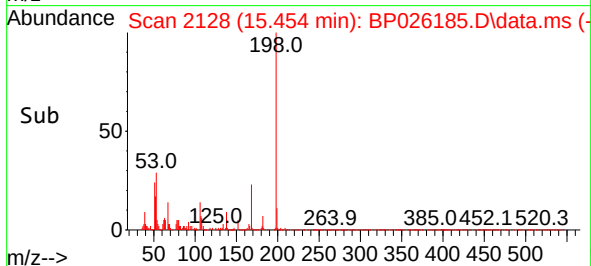
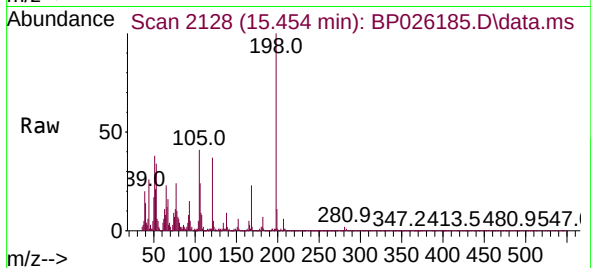
#65
4,6-Dinitro-2-methylphenol
Concen: 1.991 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025

Tgt Ion:198 Resp: 23034
Ion Ratio Lower Upper
198 100
51 38.3 18.4 58.4
105 40.5 18.5 58.5

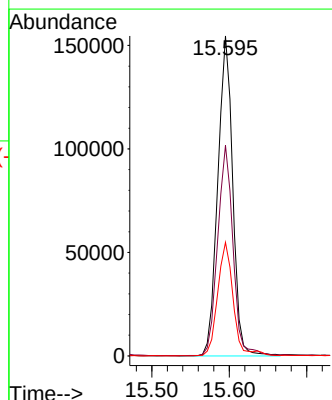
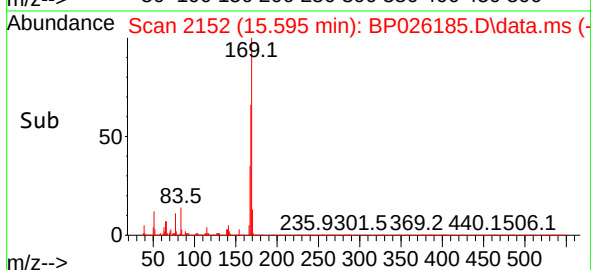
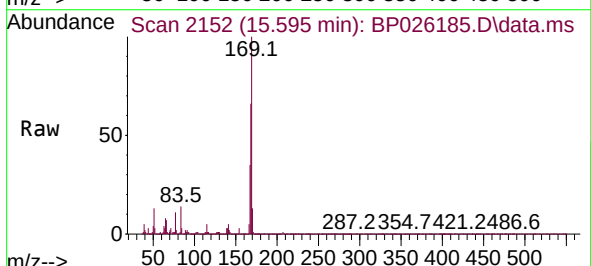
Manual Integrations
APPROVED

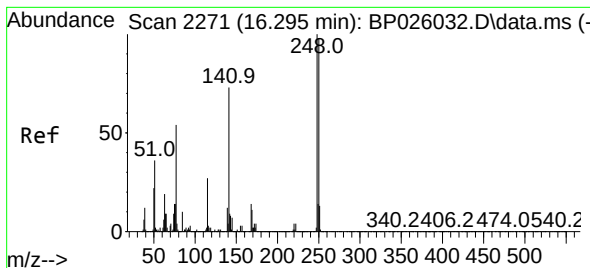
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#66
n-Nitrosodiphenylamine
Concen: 3.684 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:169 Resp: 207522
Ion Ratio Lower Upper
169 100
168 65.8 53.1 79.7
167 35.5 28.9 43.3





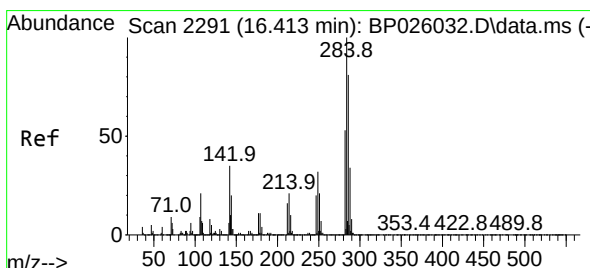
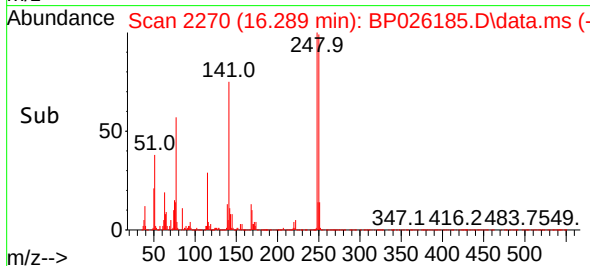
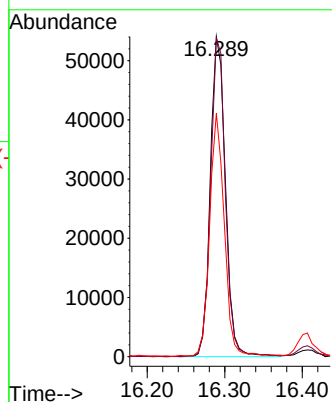
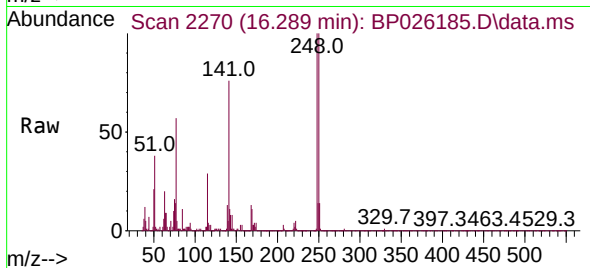
#67
4-Bromophenyl-phenylether
Concen: 3.624 ng
RT: 16.289 min Scan# 2270
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025

Tgt Ion:248 Resp: 73093
Ion Ratio Lower Upper
248 100
250 99.6 77.8 116.6
141 76.0 55.4 83.0

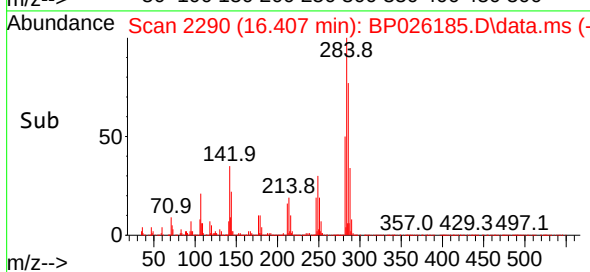
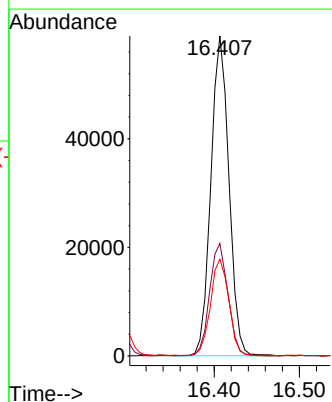
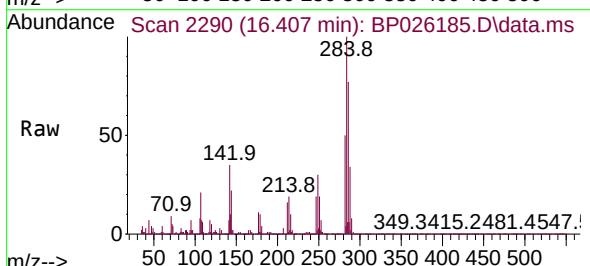
Manual Integrations
APPROVED

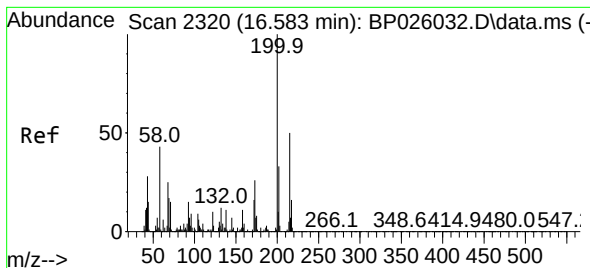
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#68
Hexachlorobenzene
Concen: 3.708 ng
RT: 16.407 min Scan# 2290
Delta R.T. -0.018 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:284 Resp: 86769
Ion Ratio Lower Upper
284 100
142 35.1 28.0 42.0
249 30.2 25.0 37.4





#69

Atrazine

Concen: 3.189 ng

RT: 16.577 min Scan# 2319

Delta R.T. -0.012 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

Instrument :

BNA_P

ClientSampleId :

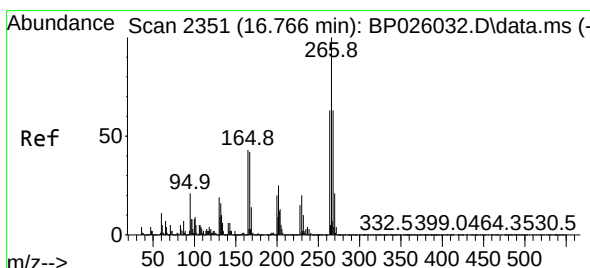
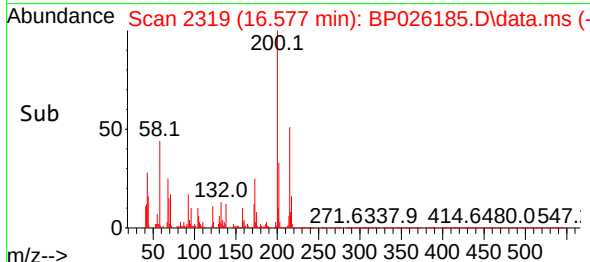
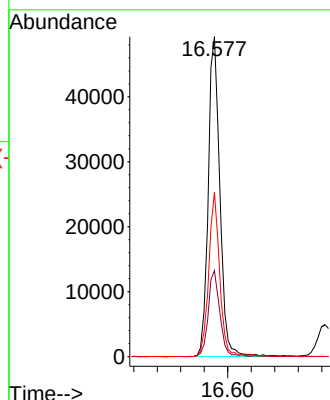
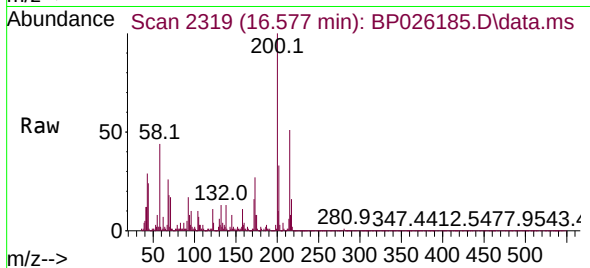
MDL-WATER-03-QT4-2025

Tgt Ion:	200	Resp:	6774
Ion Ratio	Lower	Upper	
200	100		
173	26.9	6.7	46.7
215	51.3	27.4	67.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#70

Pentachlorophenol

Concen: 2.653 ng

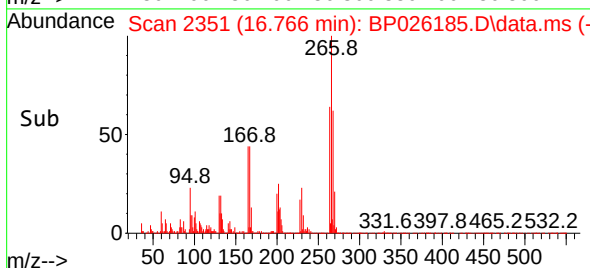
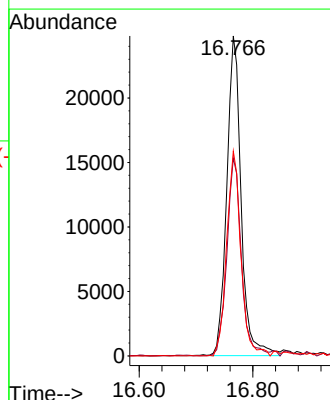
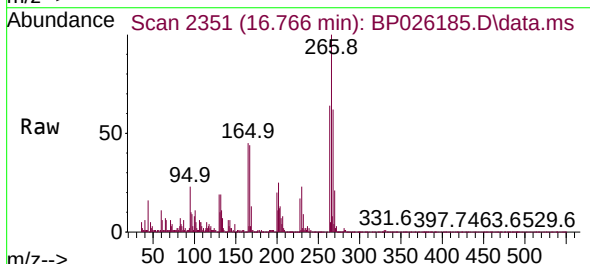
RT: 16.766 min Scan# 2351

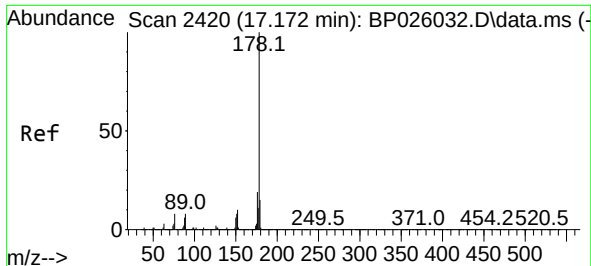
Delta R.T. -0.012 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

Tgt Ion:	266	Resp:	43440
Ion Ratio	Lower	Upper	
266	100		
268	61.8	51.0	76.4
264	64.0	50.2	75.2





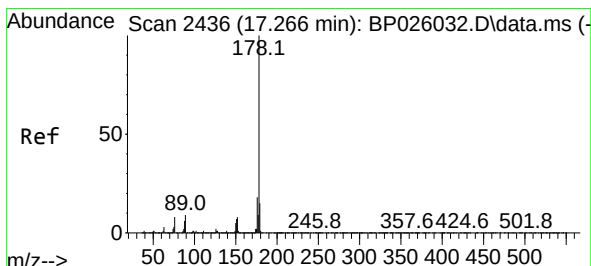
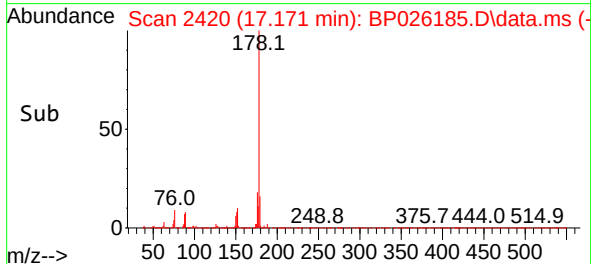
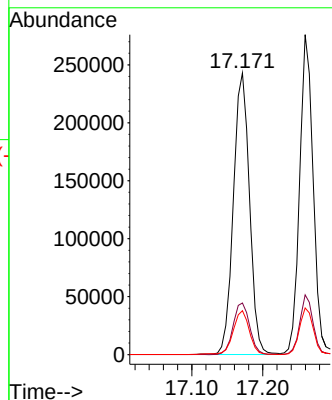
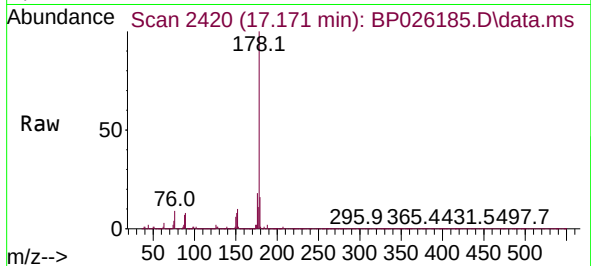
#71
Phenanthrene
Concen: 3.731 ng
RT: 17.171 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025

Tgt Ion:178 Resp: 382741
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.6 12.4 18.6

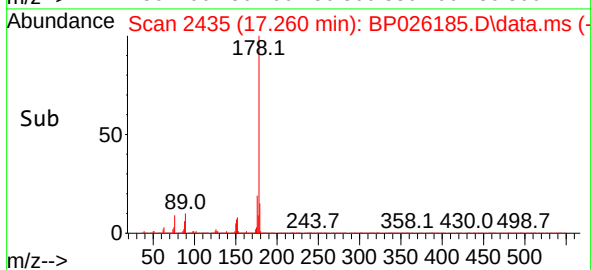
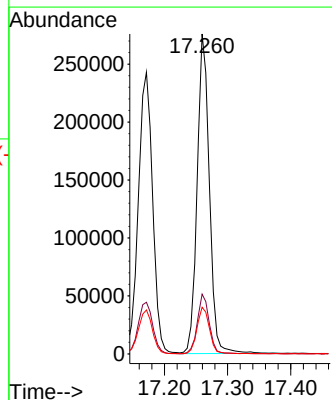
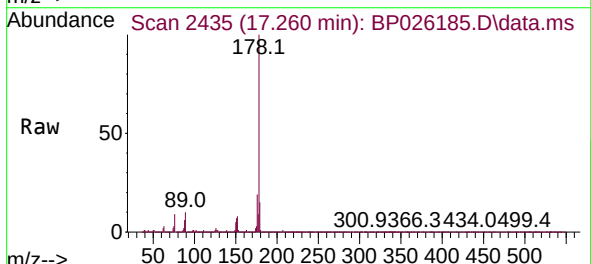
Manual Integrations
APPROVED

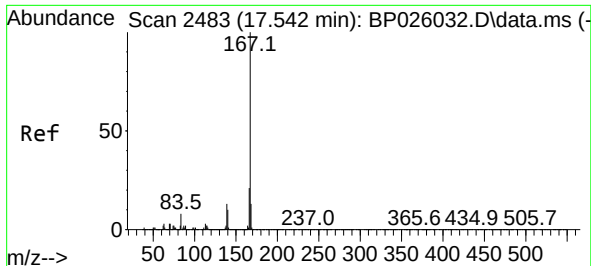
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#72
Anthracene
Concen: 3.544 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

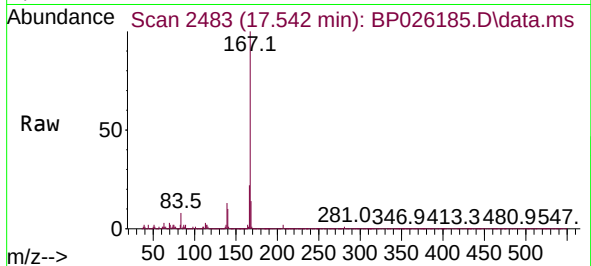
Tgt Ion:178 Resp: 370824
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 14.6 12.2 18.4





#73
 Carbazole
 Concen: 3.279 ng
 RT: 17.542 min Scan# 2483
 Delta R.T. -0.000 min
 Lab File: BP026185.D
 Acq: 21 Nov 2025 15:32

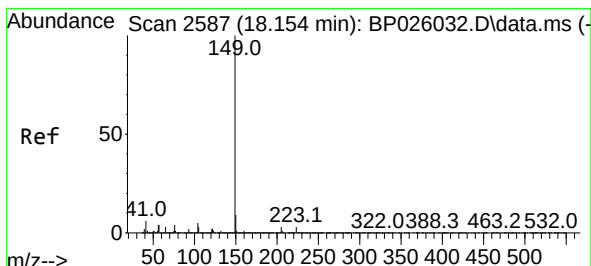
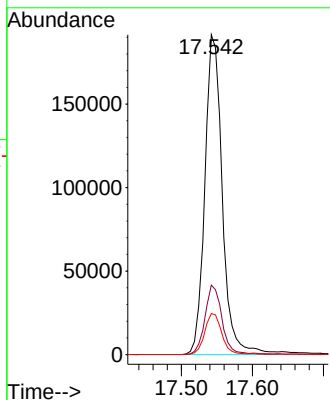
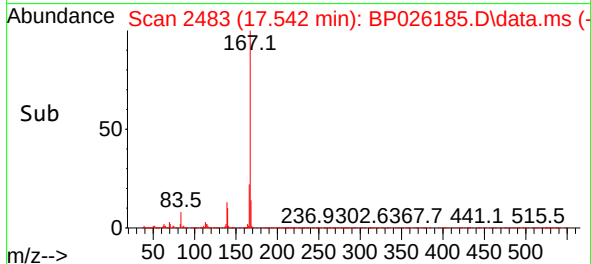
Instrument : BNA_P
 ClientSampleId : MDL-WATER-03-QT4-2025



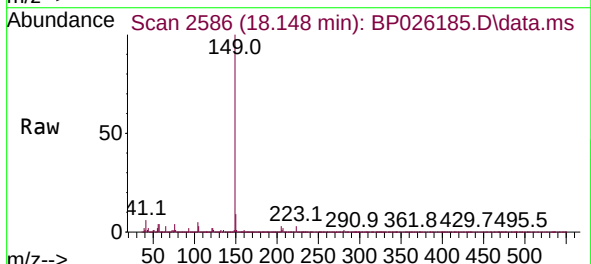
Tgt Ion:167 Resp: 325913
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 12.8 10.2 15.4

Manual Integrations
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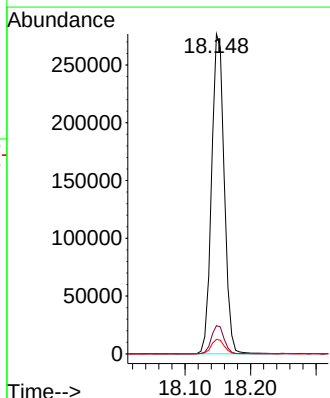
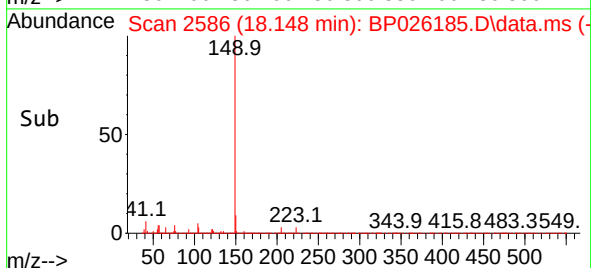
Reviewed By :Jagrut Upadhyay 11/24/2025
 Supervised By :mohammad ahmed 11/26/2025

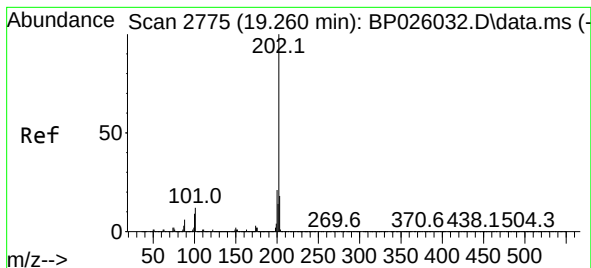


#74
 Di-n-butylphthalate
 Concen: 3.150 ng
 RT: 18.148 min Scan# 2586
 Delta R.T. -0.012 min
 Lab File: BP026185.D
 Acq: 21 Nov 2025 15:32



Tgt Ion:149 Resp: 371133
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.5 11.3
 104 4.5 3.6 5.4





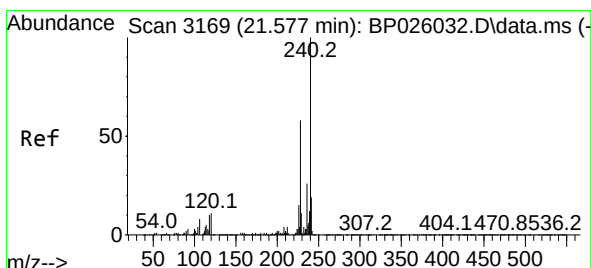
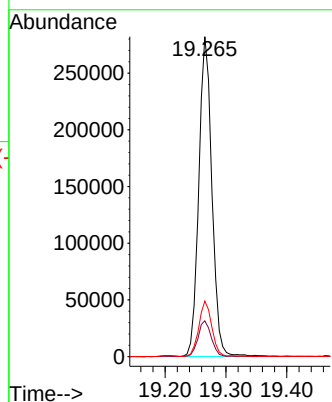
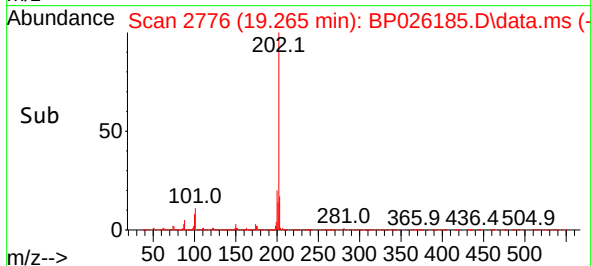
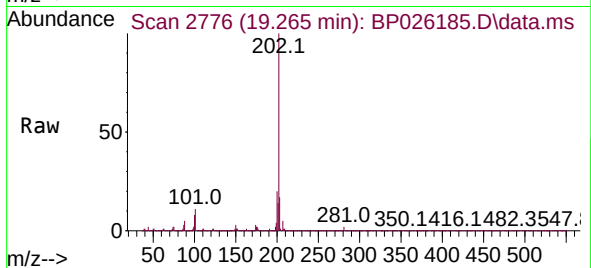
#75
Fluoranthene
Concen: 3.383 ng
RT: 19.265 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion:202 Resp: 421623
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.2
203 17.3 0.0 37.7

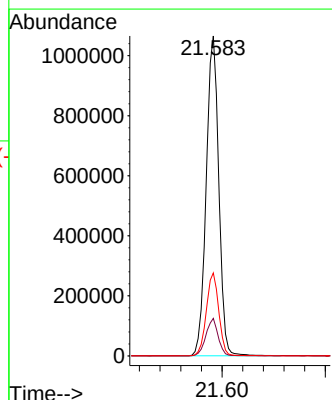
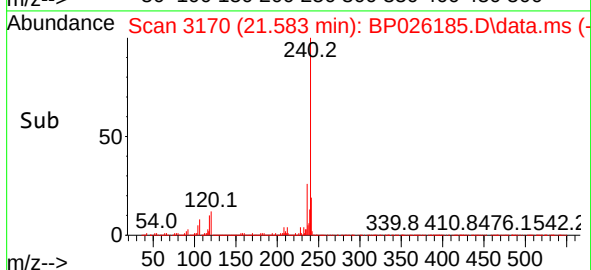
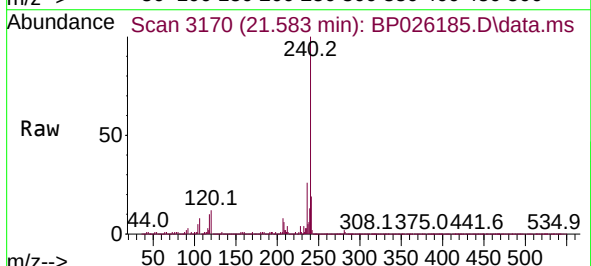
Manual Integrations
APPROVED

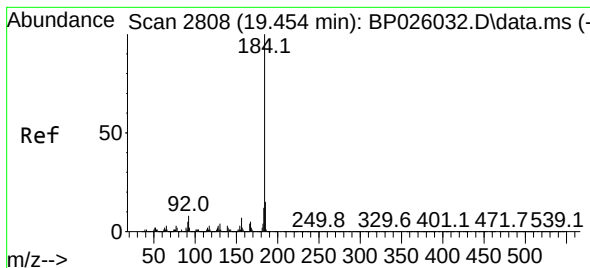
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:240 Resp: 1795657
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.4
236 25.9 20.4 30.6





#77

Benzidine

Concen: 2.600 ng

RT: 19.465 min Scan# 2810

Delta R.T. -0.000 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

Instrument :

BNA_P

ClientSampleId :

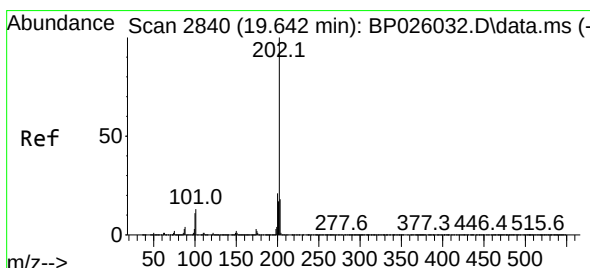
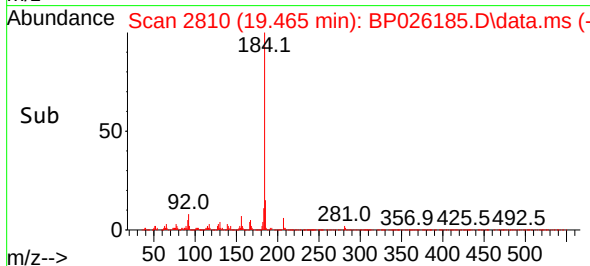
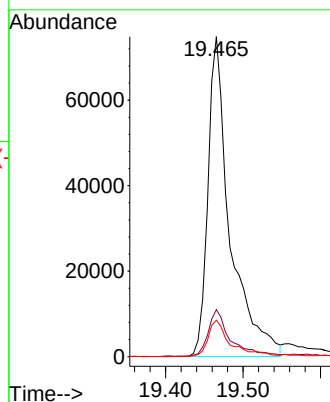
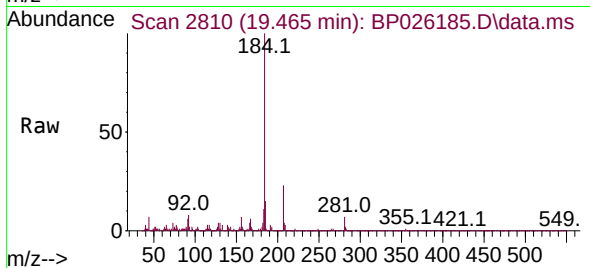
MDL-WATER-03-QT4-2025

Tgt Ion:	184	Resp:	14815
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.3	16.9
183	11.4	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#78

Pyrene

Concen: 3.714 ng

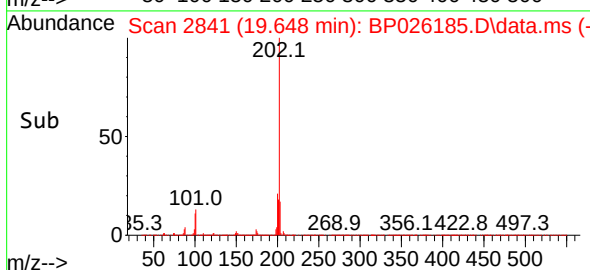
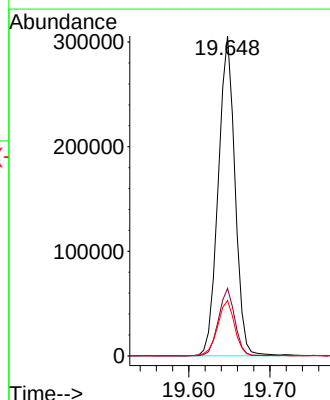
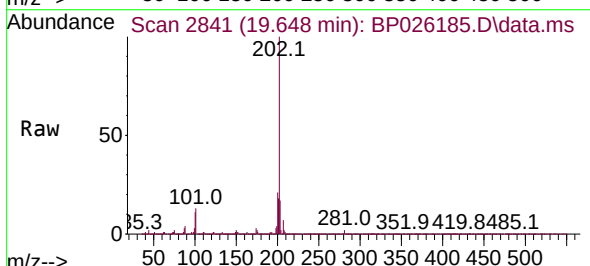
RT: 19.648 min Scan# 2841

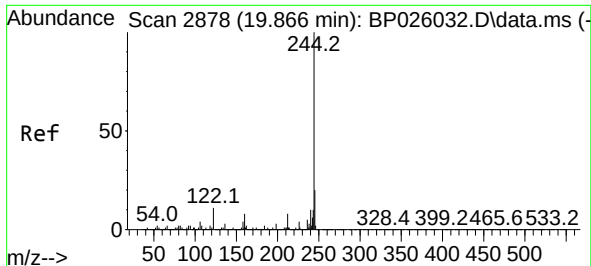
Delta R.T. 0.006 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

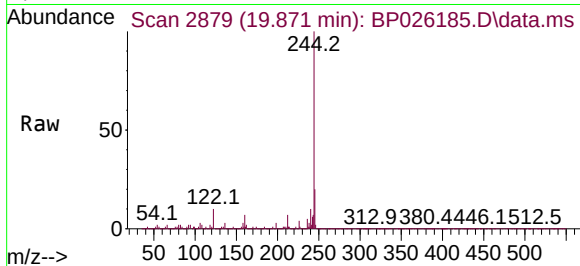
Tgt Ion:	202	Resp:	437305
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.9	25.3
203	17.3	13.8	20.8





#79
Terphenyl-d14
Concen: 82.787 ng
RT: 19.871 min Scan# 2879
Delta R.T. -0.000 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

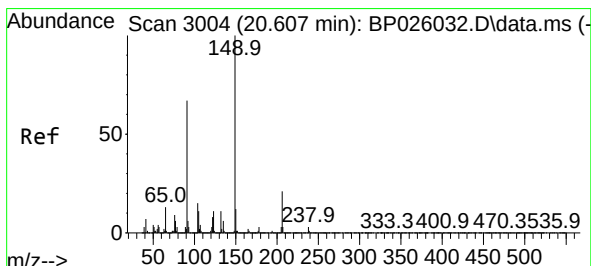
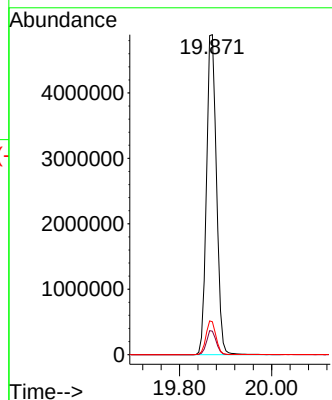
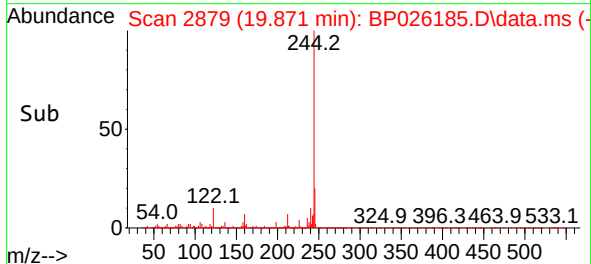
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025



Tgt Ion:244 Resp: 7290486
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.3 8.2 12.2

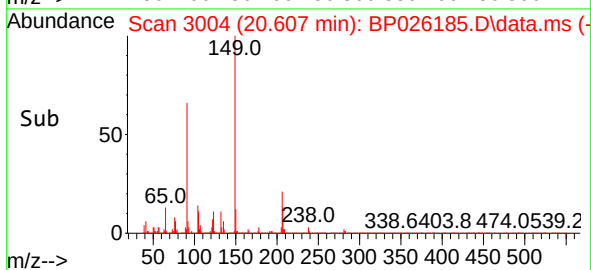
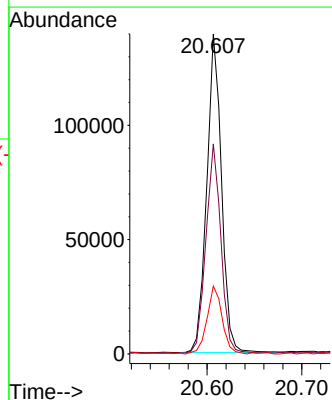
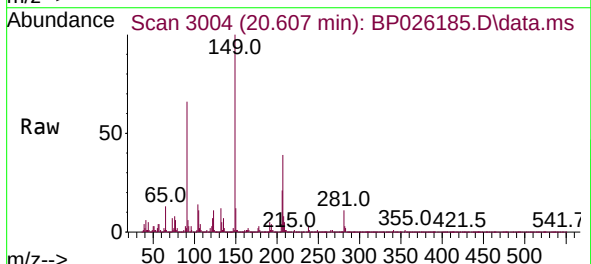
Manual Integrations
APPROVED

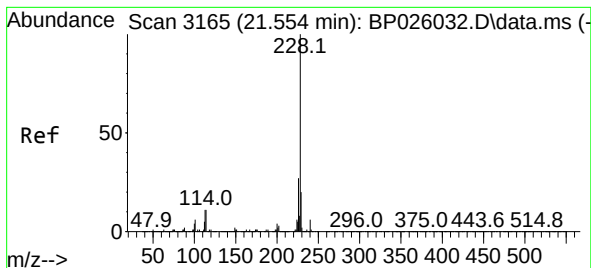
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#80
Butylbenzylphthalate
Concen: 2.920 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:149 Resp: 151381
Ion Ratio Lower Upper
149 100
91 65.6 52.6 79.0
206 21.2 16.9 25.3





#81

Benzo(a)anthracene

Concen: 3.560 ng

RT: 21.565 min Scan# 3165

Delta R.T. 0.012 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

Instrument :

BNA_P

ClientSampleId :

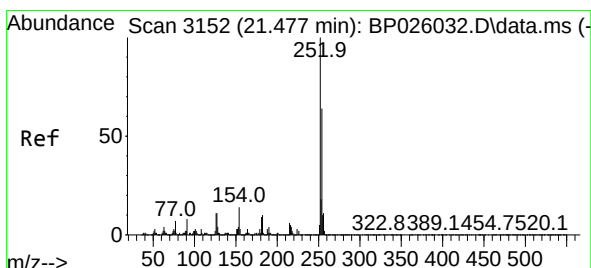
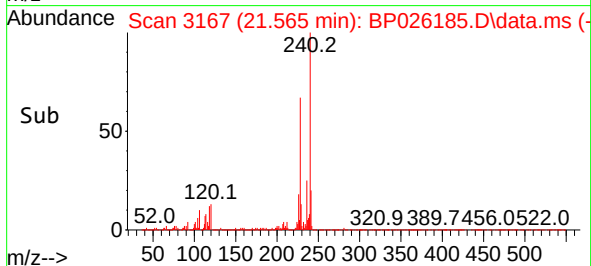
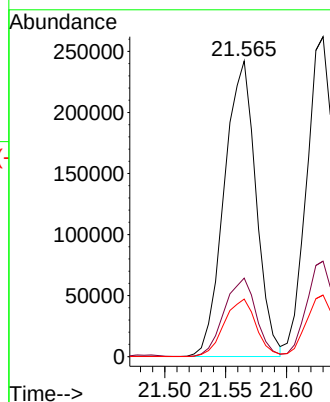
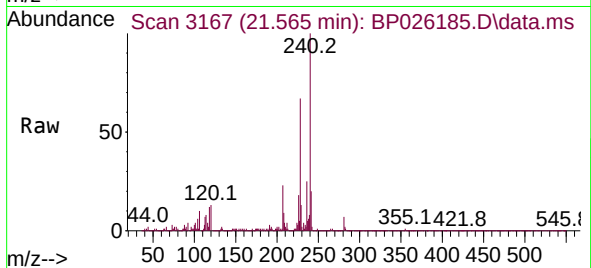
MDL-WATER-03-QT4-2025

Tgt Ion:228 Resp: 439049
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.8 32.8
 229 19.5 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
 Supervised By :mohammad ahmed 11/26/2025



#82

3,3'-Dichlorobenzidine

Concen: 2.981 ng

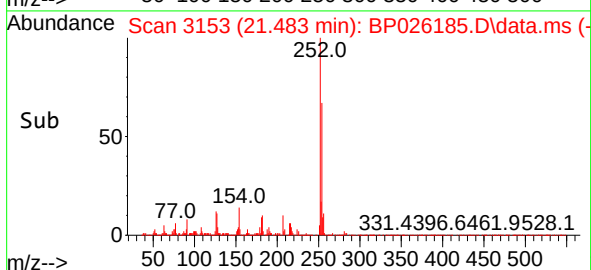
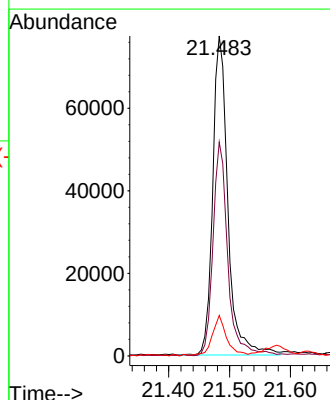
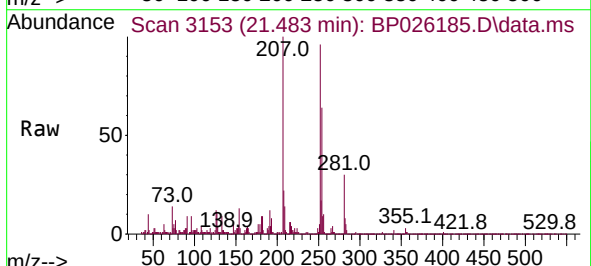
RT: 21.483 min Scan# 3153

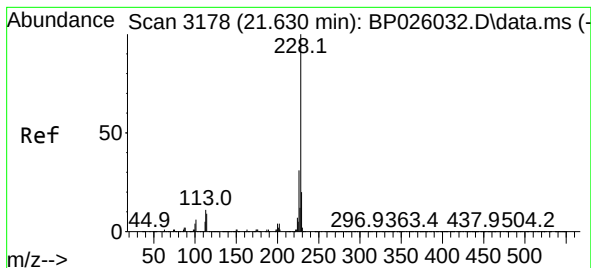
Delta R.T. -0.006 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

Tgt Ion:252 Resp: 133702
 Ion Ratio Lower Upper
 252 100
 254 66.8 51.2 76.8
 126 12.6 8.2 12.4





#83

Chrysene

Concen: 3.661 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

Instrument :

BNA_P

ClientSampleId :

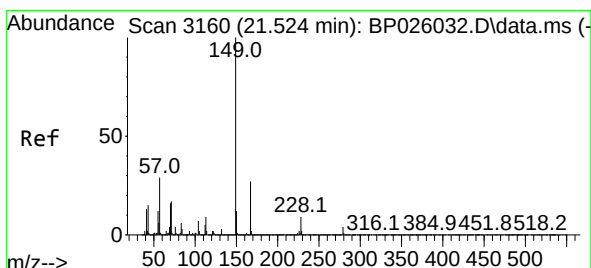
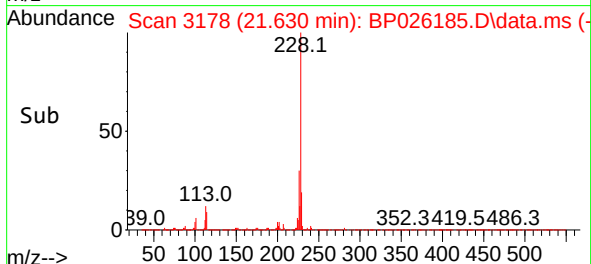
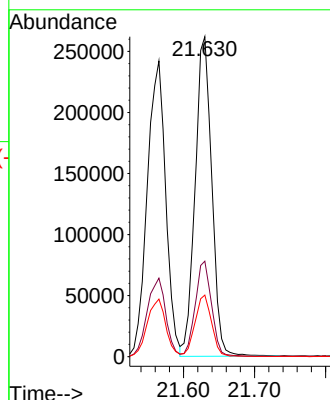
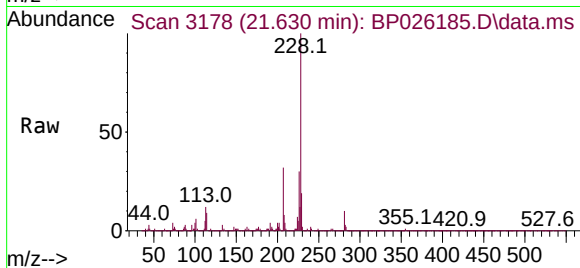
MDL-WATER-03-QT4-2025

Tgt Ion:	228	Resp:	42552
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.9	35.9
229	19.2	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.014 ng

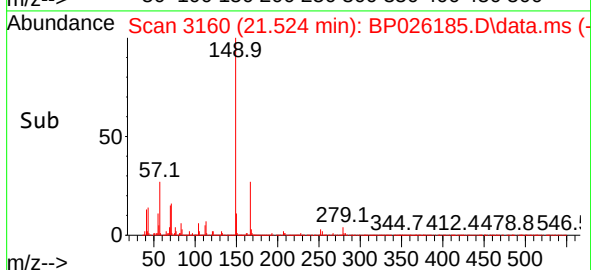
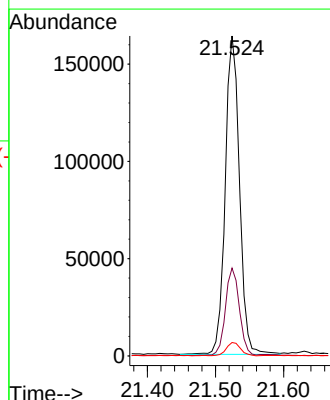
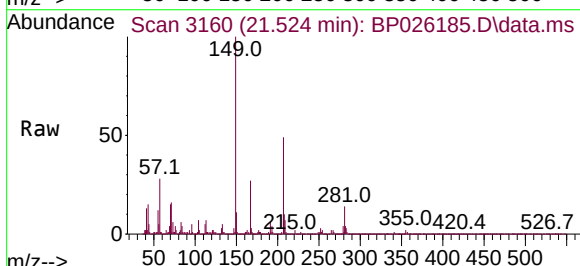
RT: 21.524 min Scan# 3160

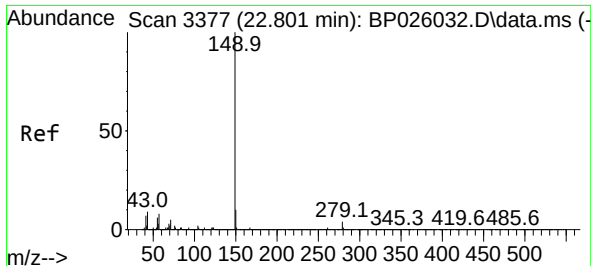
Delta R.T. 0.006 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

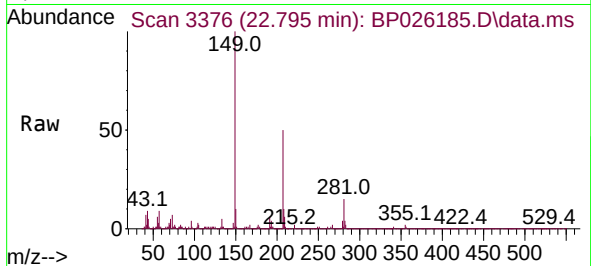
Tgt Ion:	149	Resp:	236533
Ion Ratio	Lower	Upper	
149	100		
167	27.4	22.1	33.1
279	4.2	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 2.587 ng
RT: 22.795 min Scan# 3377
Delta R.T. -0.012 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

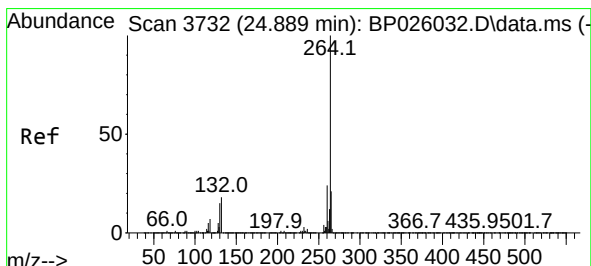
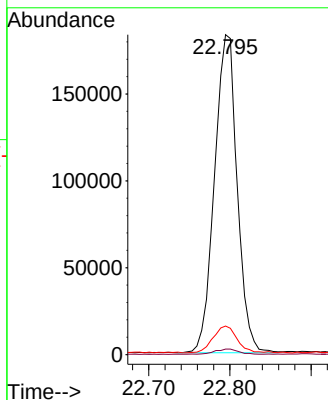
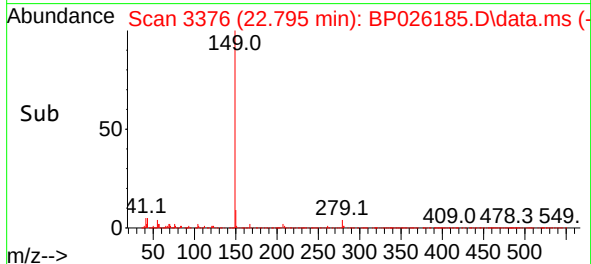
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT4-2025



Tgt Ion:149 Resp: 355030
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8
43 9.1 6.6 10.0

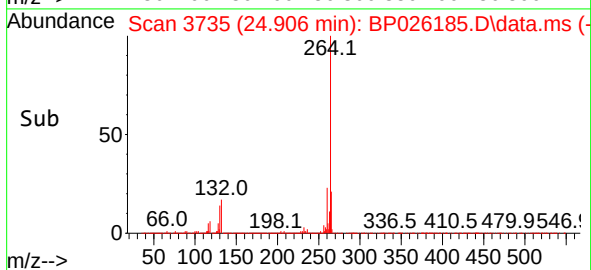
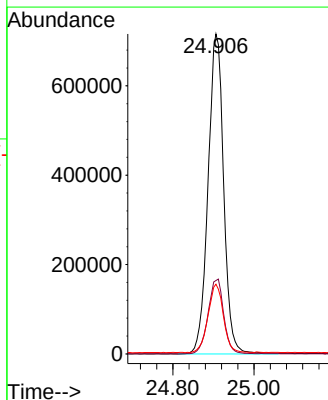
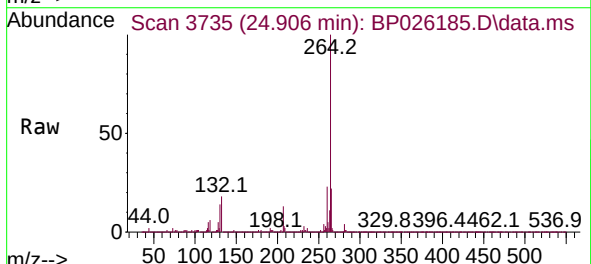
Manual Integrations
APPROVED

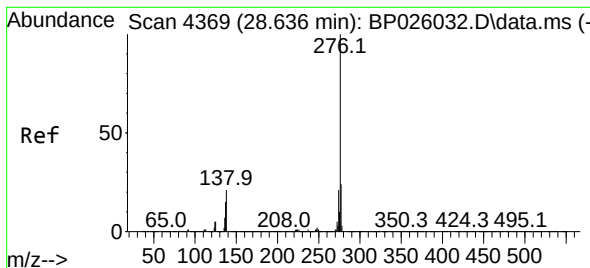
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.906 min Scan# 3735
Delta R.T. -0.000 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:264 Resp: 1916059
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.304 ng m

RT: 28.659 min Scan# 4369

Delta R.T. -0.047 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

Instrument :

BNA_P

ClientSampleId :

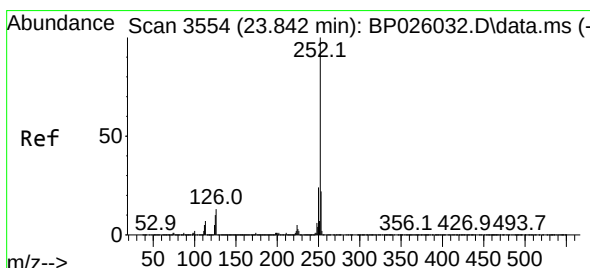
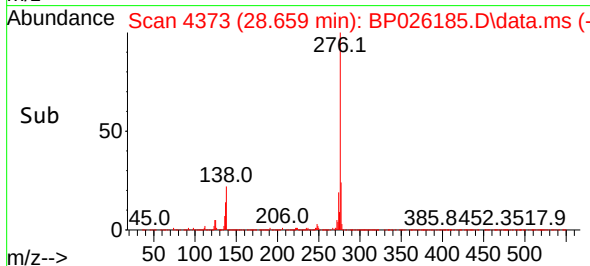
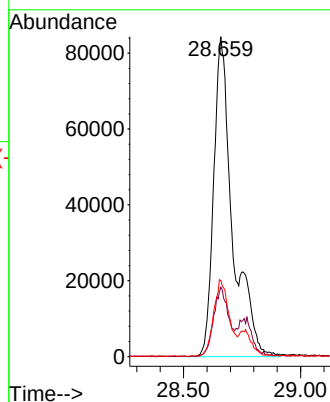
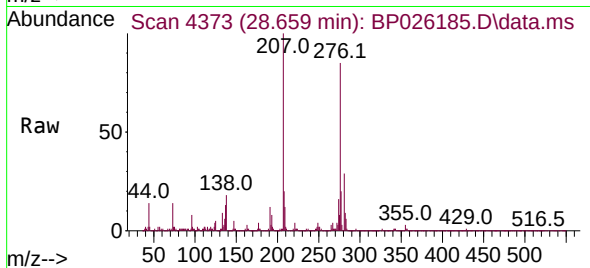
MDL-WATER-03-QT4-2025

Tgt Ion:	276	Resp:	47484
Ion Ratio	Lower	Upper	
276	100		
138	17.1	13.8	20.8
277	19.4	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#88

Benzo(b)fluoranthene

Concen: 3.435 ng

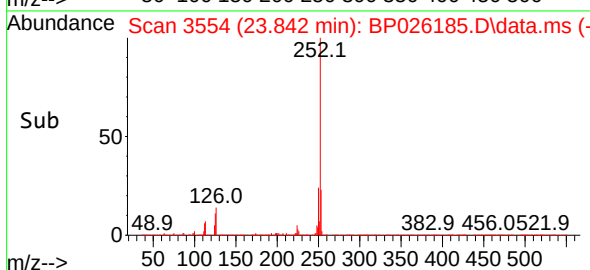
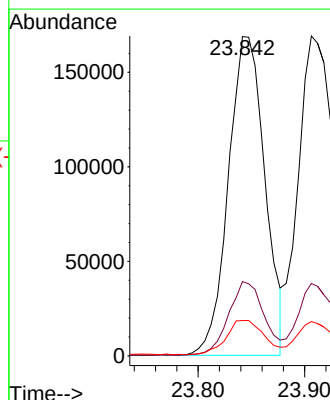
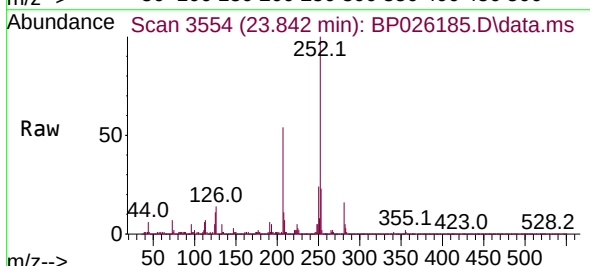
RT: 23.842 min Scan# 3554

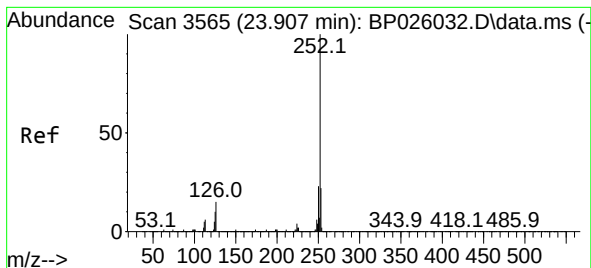
Delta R.T. -0.024 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

Tgt Ion:	252	Resp:	400812
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.6	26.4
125	11.0	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 3.577 ng

RT: 23.906 min Scan# 31

Delta R.T. -0.030 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

Instrument :

BNA_P

ClientSampleId :

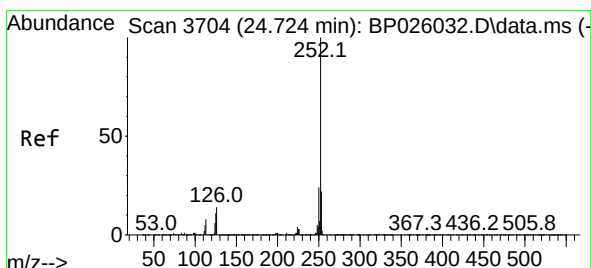
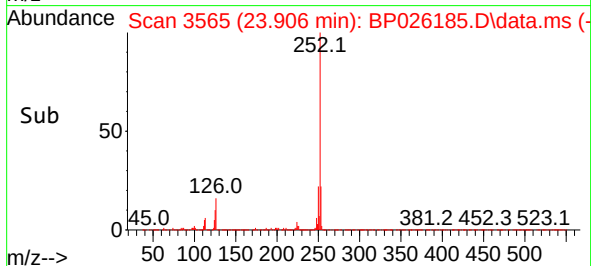
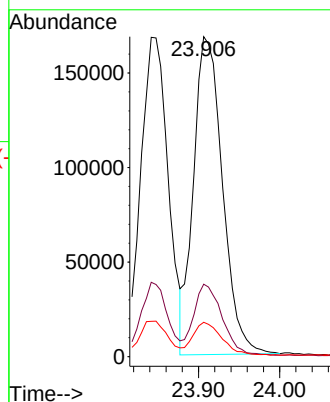
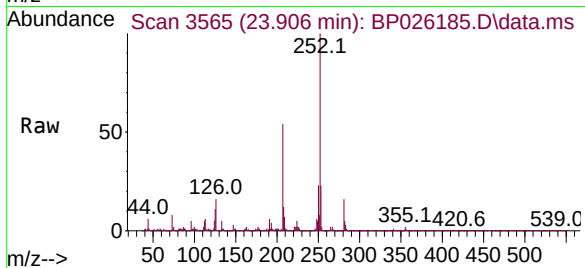
MDL-WATER-03-QT4-2025

Tgt Ion:	252	Resp:	416895
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	10.7	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#90

Benzo(a)pyrene

Concen: 3.456 ng

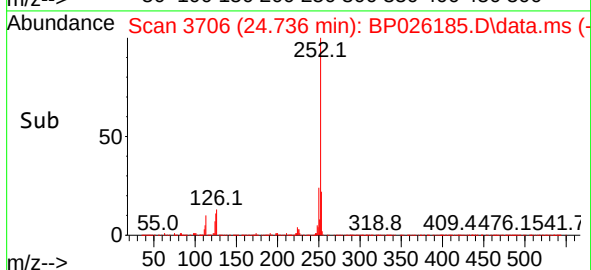
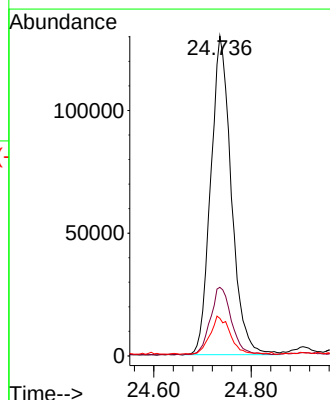
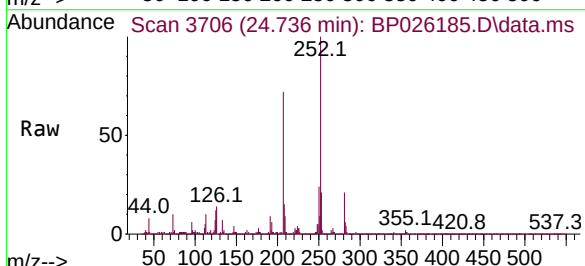
RT: 24.736 min Scan# 3706

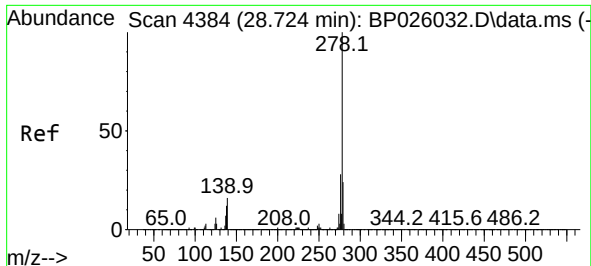
Delta R.T. -0.018 min

Lab File: BP026185.D

Acq: 21 Nov 2025 15:32

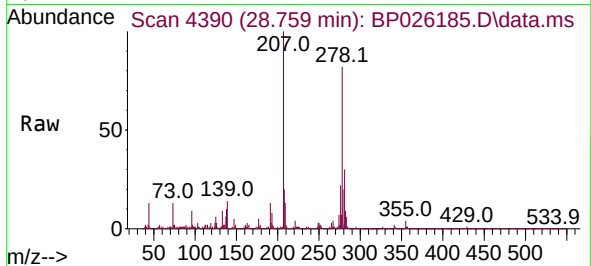
Tgt Ion:	252	Resp:	382004
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.4	26.2
125	11.7	9.0	13.6





#91
Dibenzo(a,h)anthracene
Concen: 3.321 ng
RT: 28.759 min Scan# 4384
Delta R.T. -0.035 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

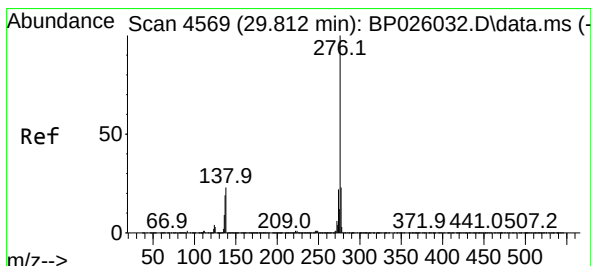
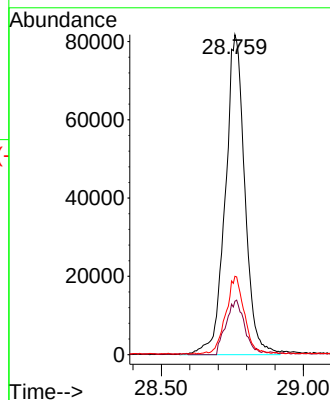
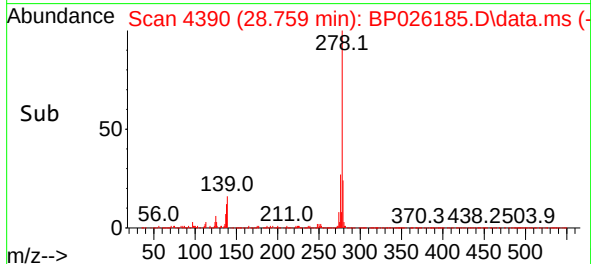
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025



Tgt Ion:278 Resp: 390654
Ion Ratio Lower Upper
278 100
139 16.7 13.2 19.8
279 24.5 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025



#92
Benzo(g,h,i)perylene
Concen: 3.337 ng m
RT: 29.824 min Scan# 4571
Delta R.T. -0.059 min
Lab File: BP026185.D
Acq: 21 Nov 2025 15:32

Tgt Ion:276 Resp: 390182
Ion Ratio Lower Upper
276 100
277 23.2 18.8 28.2
138 20.8 17.8 26.6

