

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
 Data File : BP026161.D
 Acq On : 19 Nov 2025 16:52
 Operator : RC/JU
 Sample : Q3530-07
 Misc : LOD-WATER-2.5ng
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Quant Time: Nov 19 17:13:10 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	227573	20.000	ng	0.00
21) Naphthalene-d8	10.431	136	918716	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	585119	20.000	ng	-0.02
64) Phenanthrene-d10	17.119	188	1211850	20.000	ng	-0.01
76) Chrysene-d12	21.572	240	1394641	20.000	ng	0.00
86) Perylene-d12	24.895	264	1555051	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1675775	118.193	ng	0.00
7) Phenol-d6	6.843	99	2122595	117.596	ng	-0.01
23) Nitrobenzene-d5	8.802	82	1185906	73.322	ng	-0.01
42) 2,4,6-Tribromophenol	15.825	330	901206	118.729	ng	-0.01
45) 2-Fluorobiphenyl	12.913	172	2931566	73.429	ng	-0.02
79) Terphenyl-d14	19.866	244	4803875	70.236	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.220	88	14278	2.483	ng	95
3) Pyridine	3.620	79	34284	2.063	ng	# 93
4) n-Nitrosodimethylamine	3.525	42	13721	2.209	ng	# 90
6) Aniline	7.002	93	50737	2.129	ng	96
8) 2-Chlorophenol	7.237	128	35535	2.202	ng	96
9) Benzaldehyde	6.814	77	31758	3.357	ng	95
10) Phenol	6.872	94	42231	2.172	ng	96
11) bis(2-Chloroethyl)ether	7.096	93	32045	2.105	ng	98
12) 1,3-Dichlorobenzene	7.561	146	40476	2.328	ng	97
13) 1,4-Dichlorobenzene	7.702	146	40502	2.312	ng	98
14) 1,2-Dichlorobenzene	8.013	146	39591	2.353	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.190	45	47335	2.214	ng	96
18) Hexachloroethane	8.737	117	13917	2.183	ng	93
19) n-Nitroso-di-n-propyla...	8.460	70	23843	2.126	ng	98
22) Acetophenone	8.472	105	50408	2.159	ng	# 97
24) Nitrobenzene	8.843	77	36742	2.246	ng	96
30) 1,2,4-Trichlorobenzene	10.296	180	35175	2.315	ng	95
31) Naphthalene	10.484	128	110925	2.234	ng	98
34) Hexachlorobutadiene	10.778	225	21254	2.151	ng	99
38) 1-Methylnaphthalene	12.325	142	73021	2.122	ng	98
40) 1,2,4,5-Tetrachloroben...	12.472	216	39812	2.250	ng	99
46) 1,1'-Biphenyl	13.125	154	101976	2.315	ng	99
47) 2-Chloronaphthalene	13.160	162	76897	2.219	ng	99
49) Acenaphthylene	14.025	152	115521	2.021	ng	98
50) Dimethylphthalate	13.760	163	92858	2.125	ng	96
52) Acenaphthene	14.378	154	75518	2.255	ng	100
55) Dibenzofuran	14.719	168	119712	2.308	ng	98
58) Fluorene	15.384	166	95022	2.318	ng	100
60) Diethylphthalate	15.154	149	88850	2.018	ng	99
61) 4-Chlorophenyl-phenyle...	15.378	204	47214	2.314	ng	98
66) n-Nitrosodiphenylamine	15.590	169	76716	2.046	ng	98
67) 4-Bromophenyl-phenylether	16.290	248	27146	2.023	ng	93
68) Hexachlorobenzene	16.401	284	33103	2.126	ng	94
71) Phenanthrene	17.160	178	158050	2.315	ng	99
72) Anthracene	17.260	178	147341	2.116	ng	98
73) Carbazole	17.536	167	138277	2.091	ng	98

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

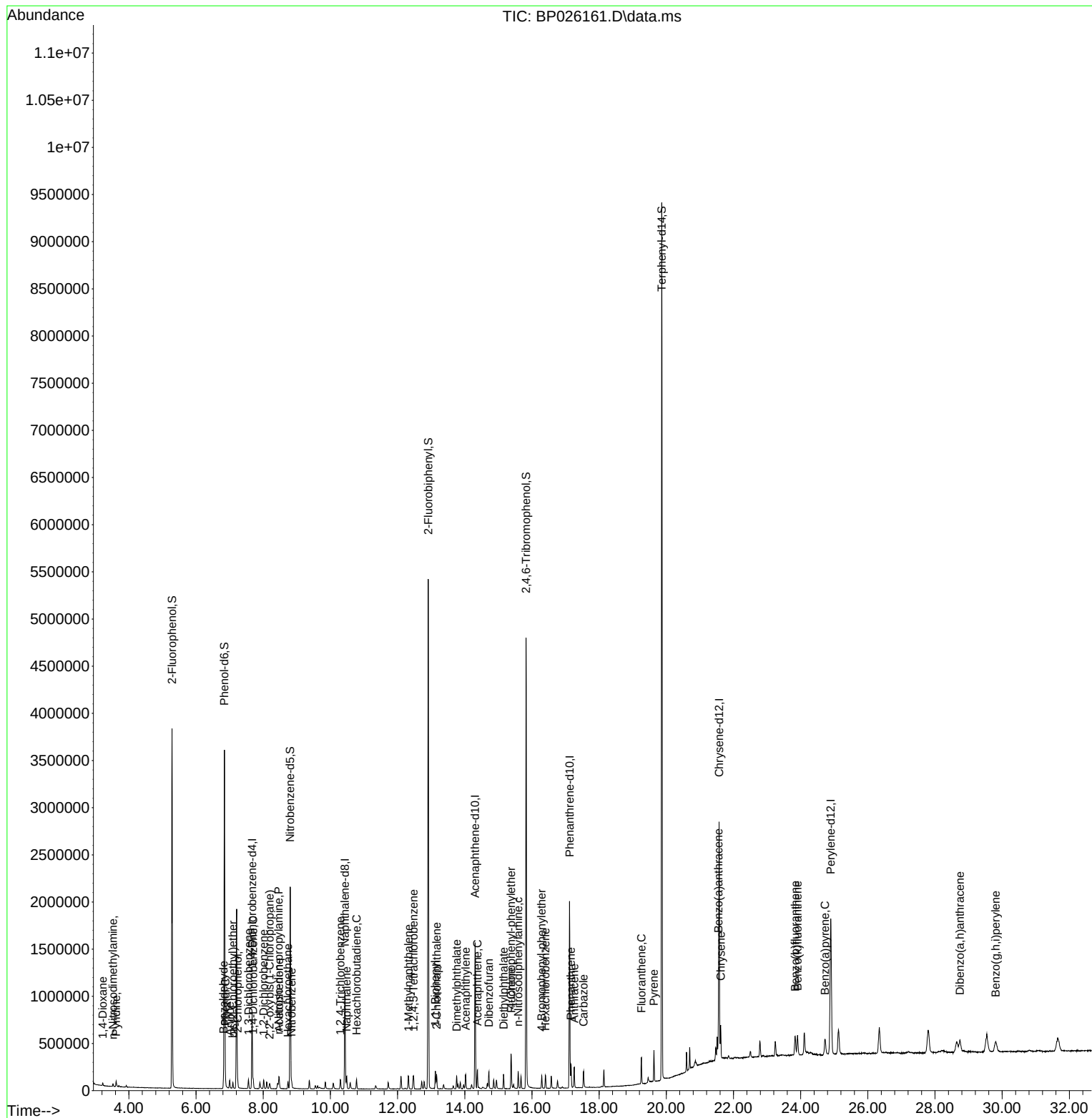
75) Fluoranthene	19.260	202	182459	2.200	ng	99
78) Pyrene	19.631	202	196434	2.148	ng	98
81) Benzo(a)anthracene	21.554	228	212027	2.214	ng	100
83) Chrysene	21.619	228	212134	2.350	ng	98
88) Benzo(b)fluoranthene	23.836	252	201904	2.132	ng	98
89) Benzo(k)fluoranthene	23.907	252	208328	2.202	ng	99
90) Benzo(a)pyrene	24.724	252	193002	2.152	ng	95
91) Dibenzo(a,h)anthracene	28.742	278	194035	2.032	ng	97
92) Benzo(g,h,i)perylene	29.806	276	201240	2.121	ng	96

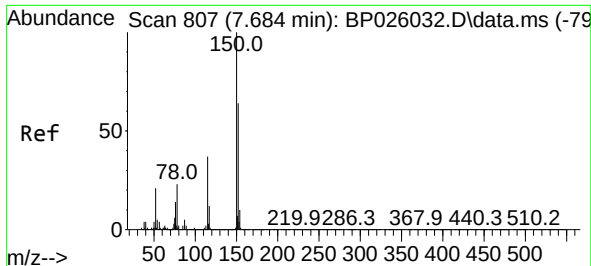
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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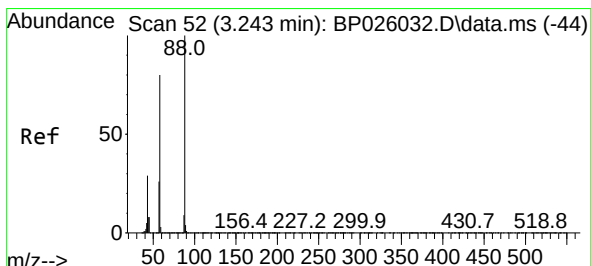
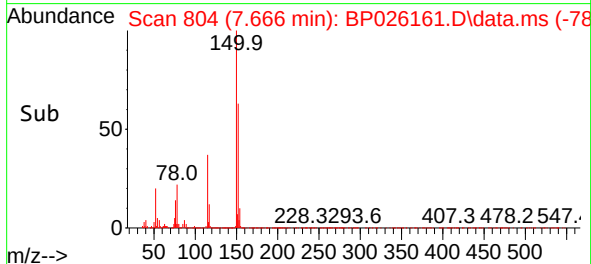
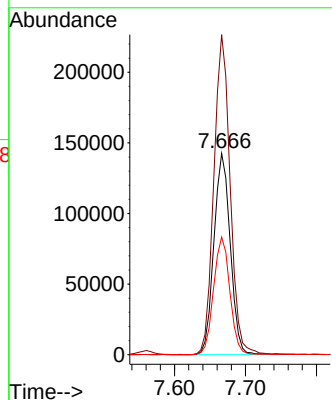
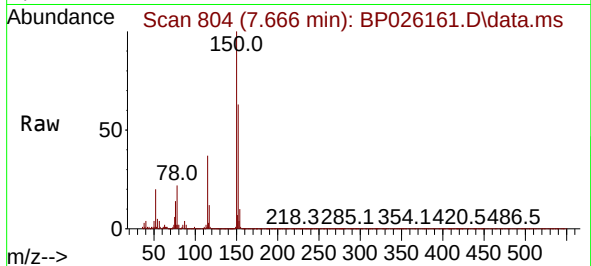




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.666 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP026161.D
 Acq: 19 Nov 2025 16:52

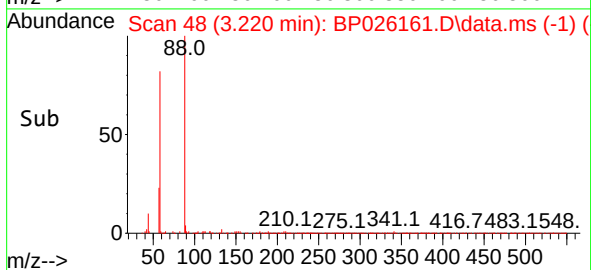
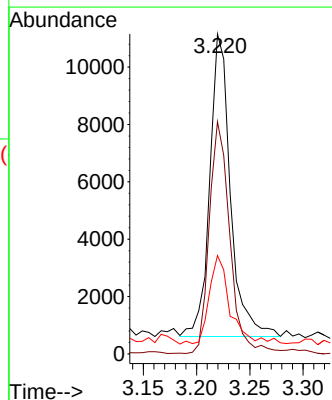
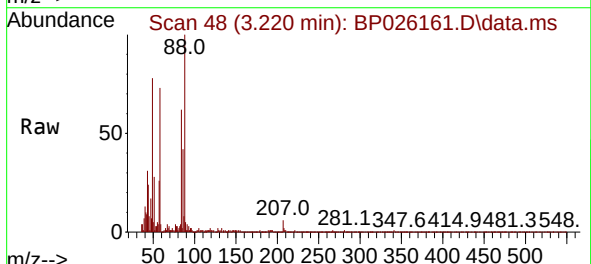
Instrument :
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 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

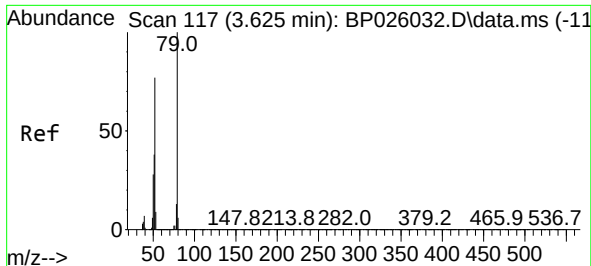
Tgt Ion:152 Resp: 227573
 Ion Ratio Lower Upper
 152 100
 150 158.9 123.0 184.6
 115 58.4 46.3 69.5



#2
 1,4-Dioxane
 Concen: 2.483 ng
 RT: 3.220 min Scan# 48
 Delta R.T. -0.006 min
 Lab File: BP026161.D
 Acq: 19 Nov 2025 16:52

Tgt Ion: 88 Resp: 14278
 Ion Ratio Lower Upper
 88 100
 58 75.7 64.2 96.4
 43 28.9 21.5 32.3

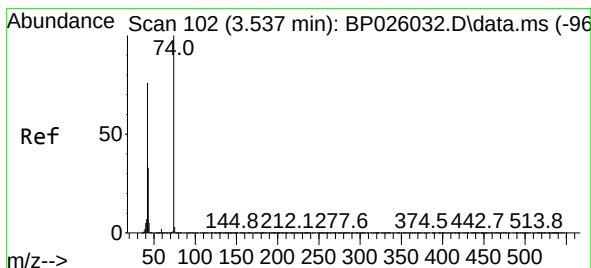
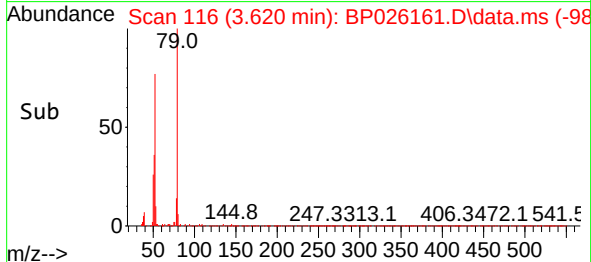
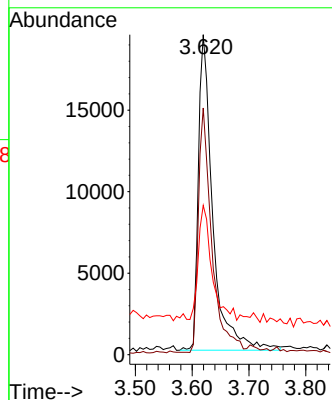
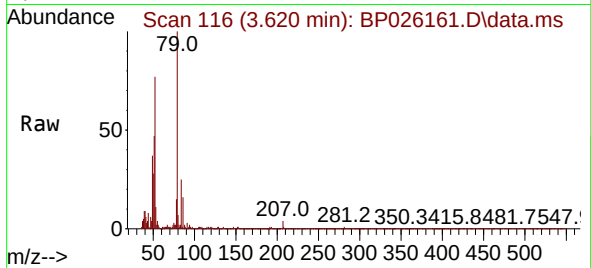




#3
Pyridine
Concen: 2.063 ng
RT: 3.620 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

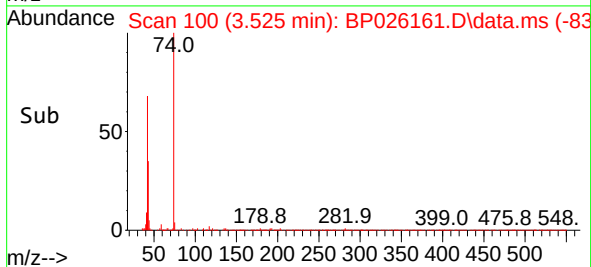
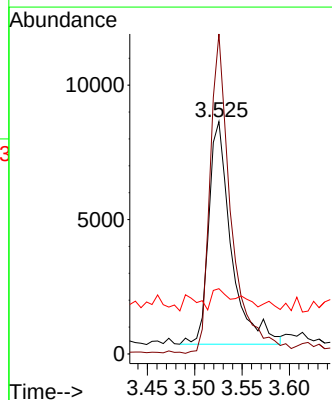
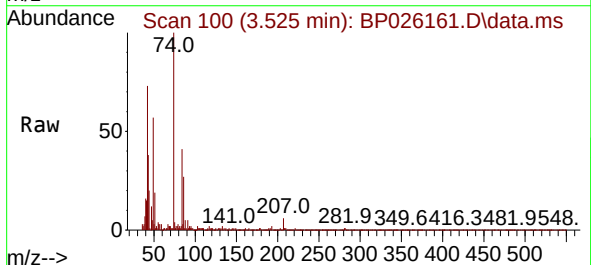
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

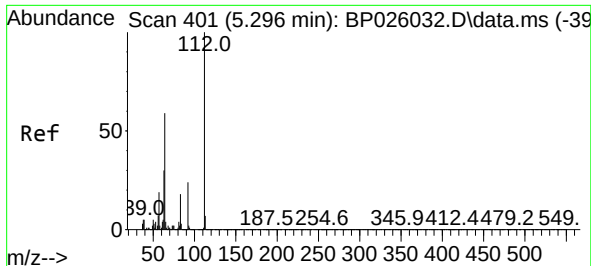
Tgt Ion: 79 Resp: 34284
Ion Ratio Lower Upper
79 100
52 77.1 60.2 90.2
51 46.6 29.5 44.3#



#4
n-Nitrosodimethylamine
Concen: 2.209 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion: 42 Resp: 13721
Ion Ratio Lower Upper
42 100
74 137.7 118.1 177.1
44 28.1 6.2 9.4#

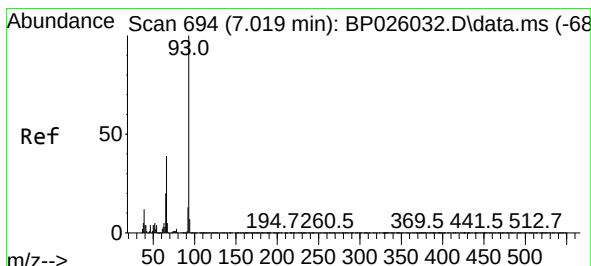
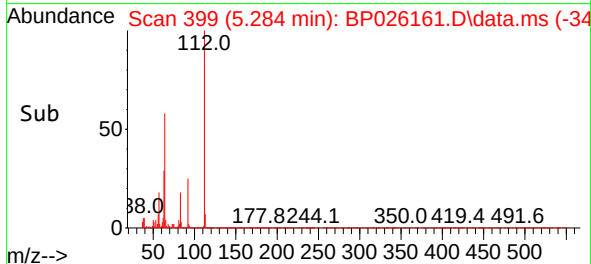
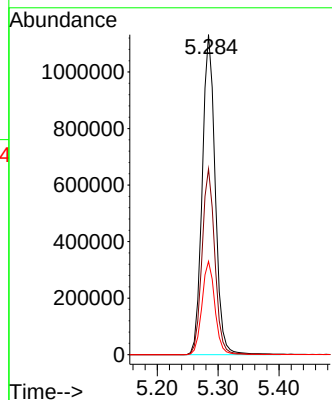
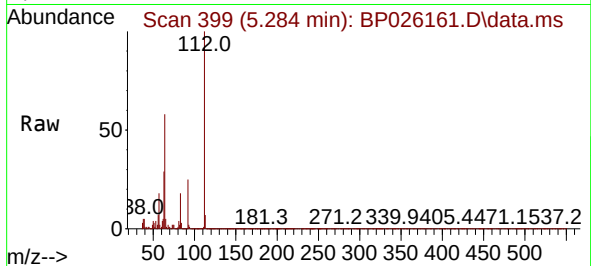




#5
2-Fluorophenol
Concen: 118.193 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

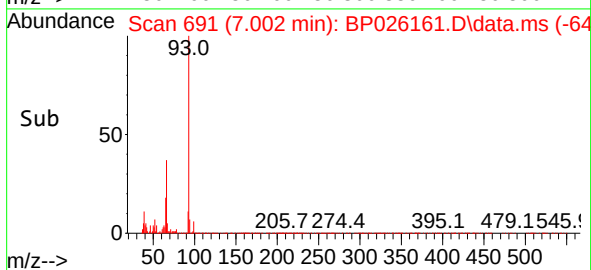
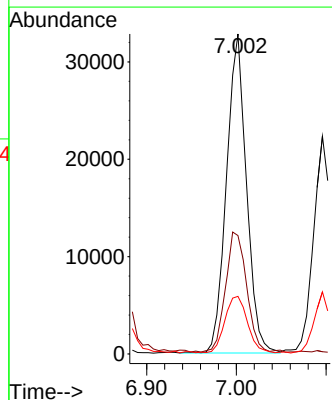
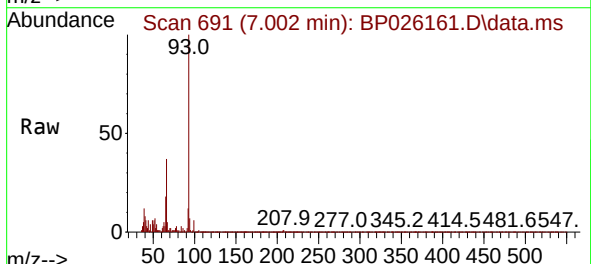
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

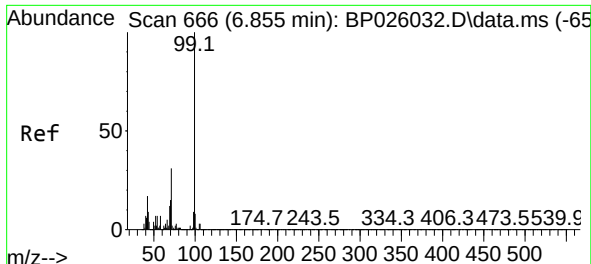
Tgt Ion:112 Resp: 1675775
Ion Ratio Lower Upper
112 100
64 58.1 45.8 68.6
63 29.1 23.5 35.3



#6
Aniline
Concen: 2.129 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion: 93 Resp: 50737
Ion Ratio Lower Upper
93 100
66 37.0 31.7 47.5
65 18.0 15.8 23.6



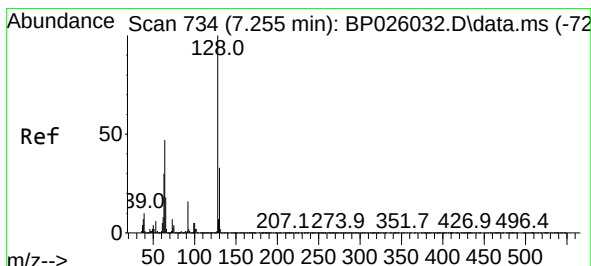
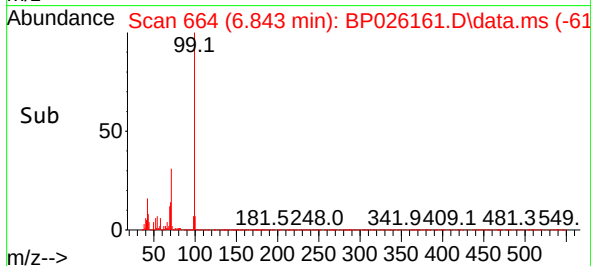
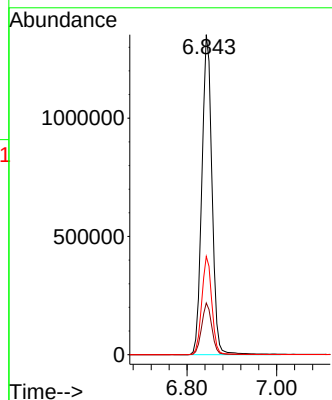
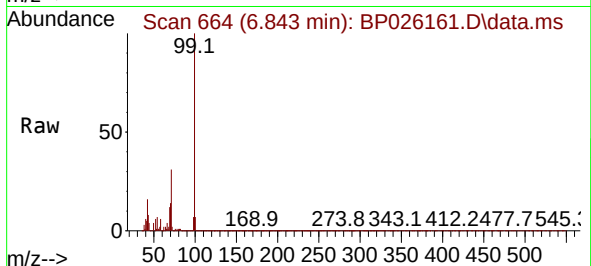


#7
Phenol-d6
Concen: 117.596 ng
RT: 6.843 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 99 Resp: 2122595

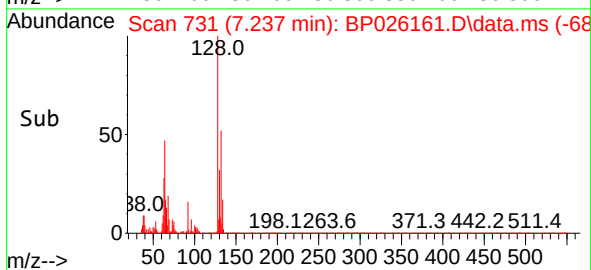
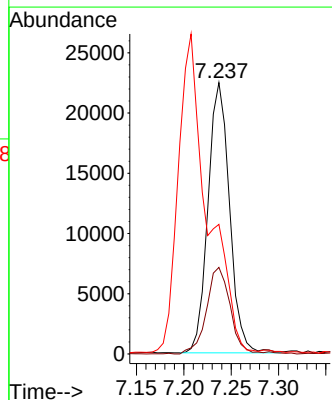
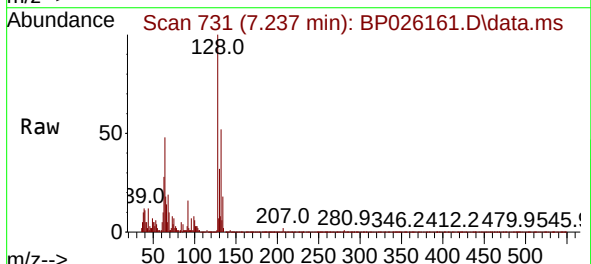
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.9	19.3
71	30.7	24.8	37.2

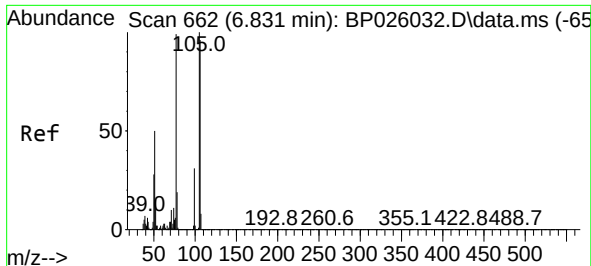


#8
2-Chlorophenol
Concen: 2.202 ng
RT: 7.237 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion: 128 Resp: 35535

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.4	52.4
64	47.7	23.9	63.9

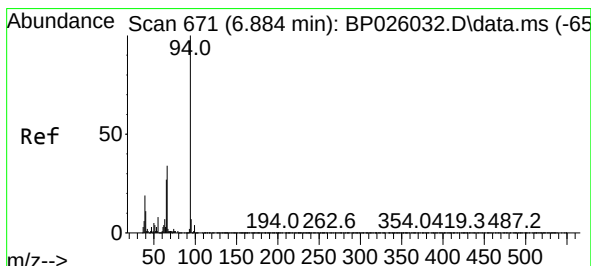
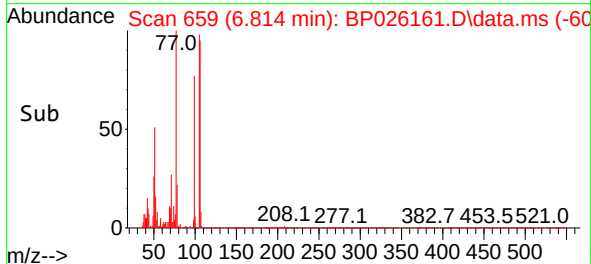
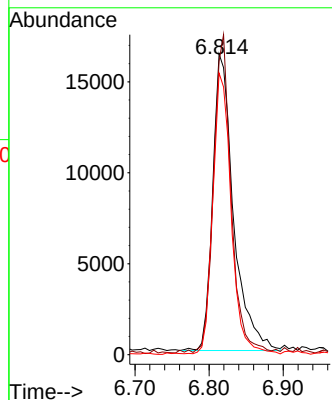
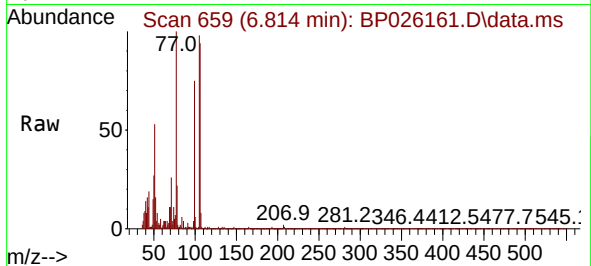




#9
Benzaldehyde
Concen: 3.357 ng
RT: 6.814 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

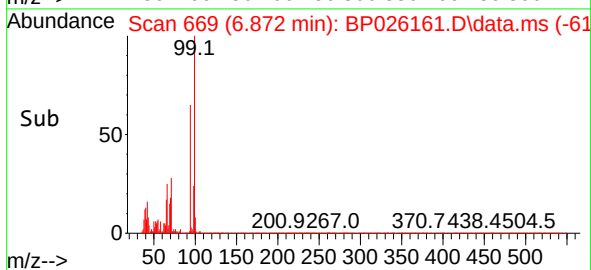
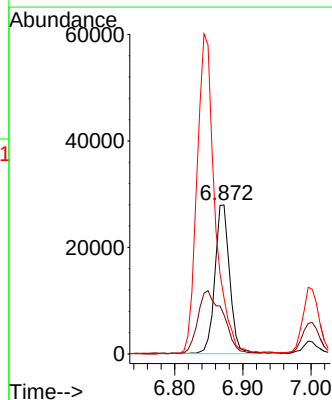
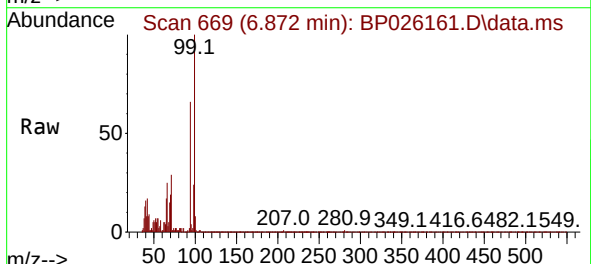
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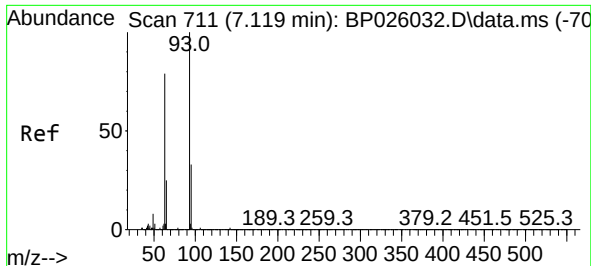
Tgt Ion: 77 Resp: 31758
Ion Ratio Lower Upper
77 100
105 97.5 82.9 122.9
106 93.6 77.8 117.8



#10
Phenol
Concen: 2.172 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion: 94 Resp: 42231
Ion Ratio Lower Upper
94 100
65 26.2 7.0 47.0
66 37.6 14.5 54.5

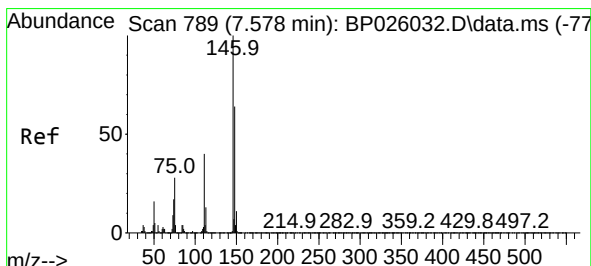
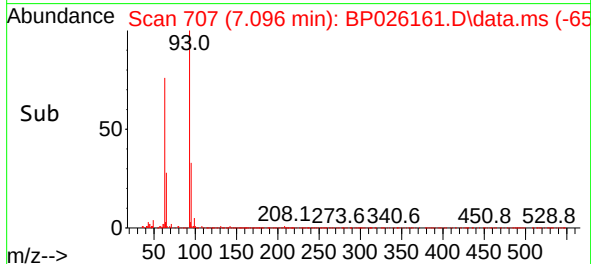
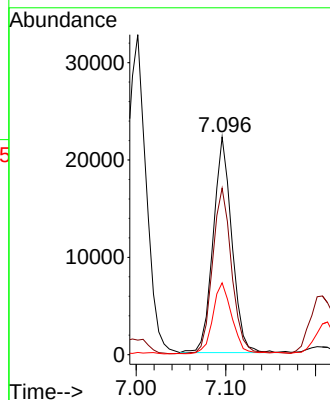
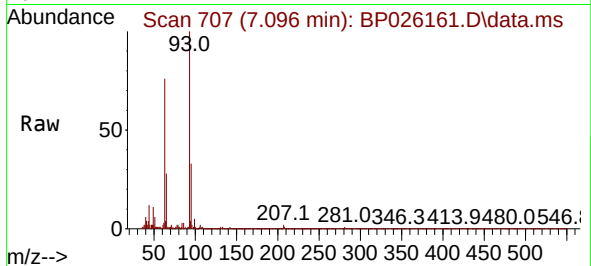




#11
bis(2-Chloroethyl)ether
Concen: 2.105 ng
RT: 7.096 min Scan# 70
Delta R.T. 0.000 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

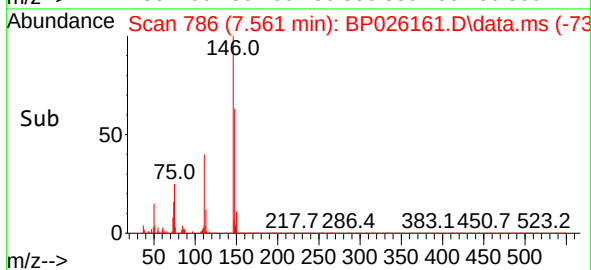
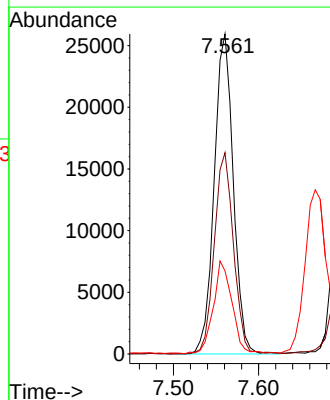
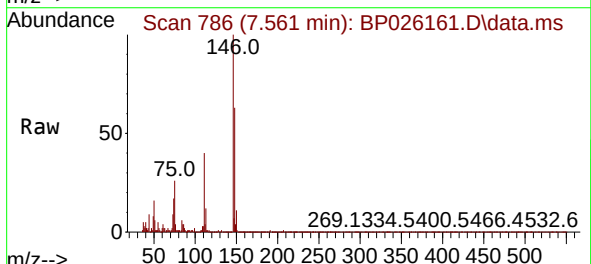
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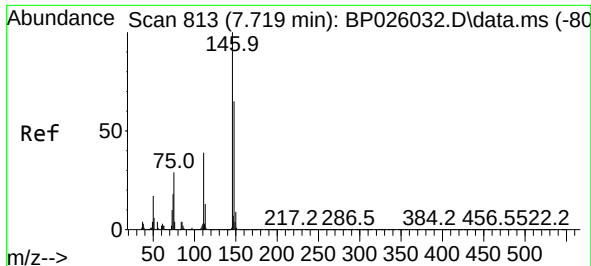
Tgt Ion: 93 Resp: 32045
Ion Ratio Lower Upper
93 100
63 76.5 58.8 98.8
95 33.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 2.328 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:146 Resp: 40476
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 26.0 22.2 33.2

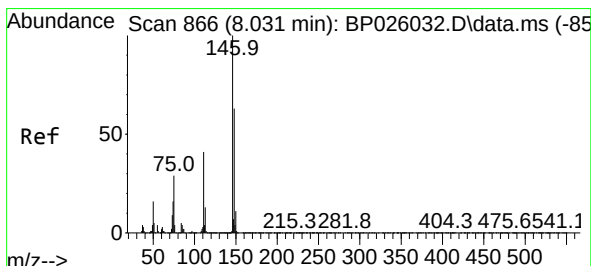
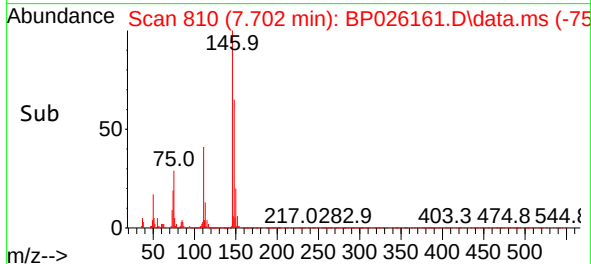
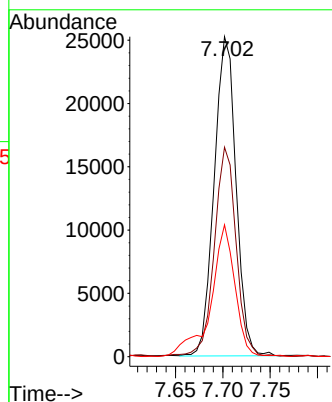
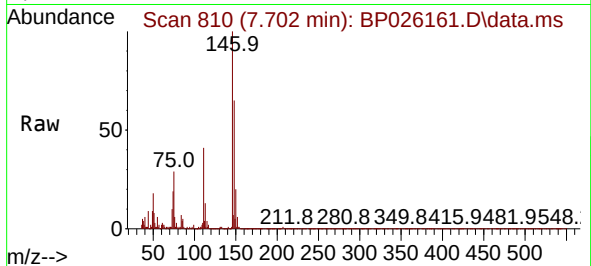




#13
1,4-Dichlorobenzene
Concen: 2.312 ng
RT: 7.702 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

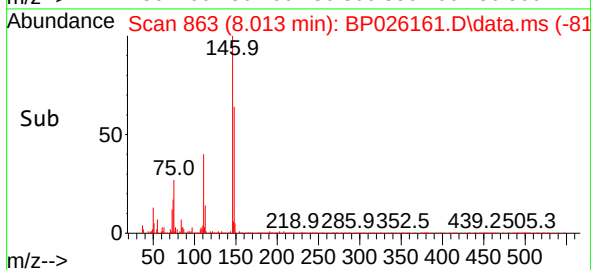
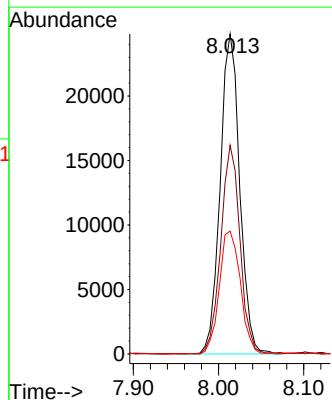
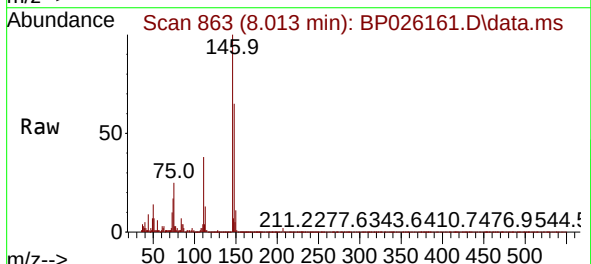
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

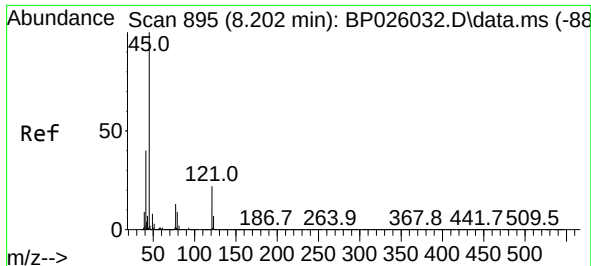
Tgt Ion:146 Resp: 40502
Ion Ratio Lower Upper
146 100
148 65.5 51.4 77.2
111 41.2 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 2.353 ng
RT: 8.013 min Scan# 863
Delta R.T. 0.000 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:146 Resp: 39591
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.6
111 38.4 33.0 49.4

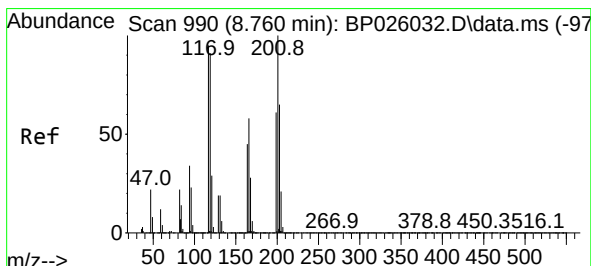
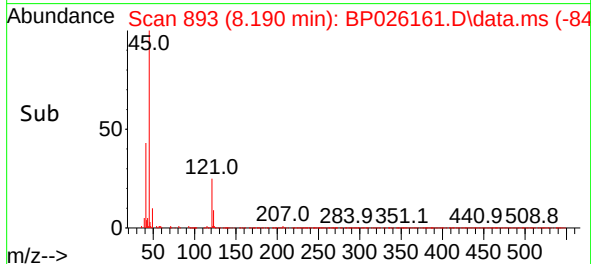
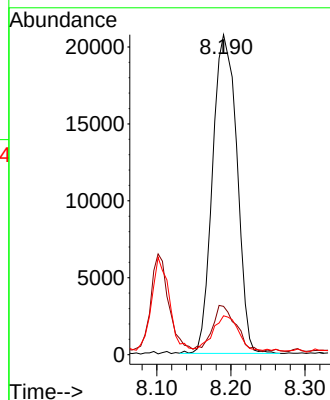
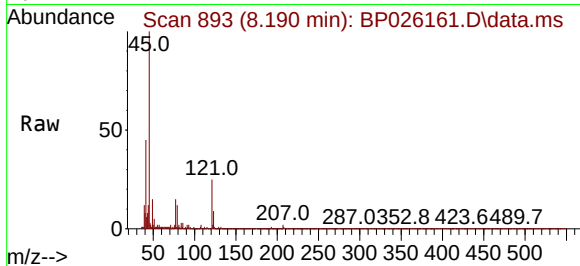




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.214 ng
RT: 8.190 min Scan# 895
Delta R.T. -0.006 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

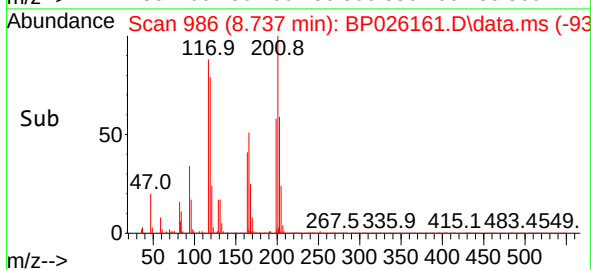
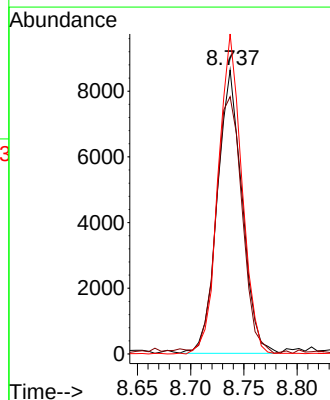
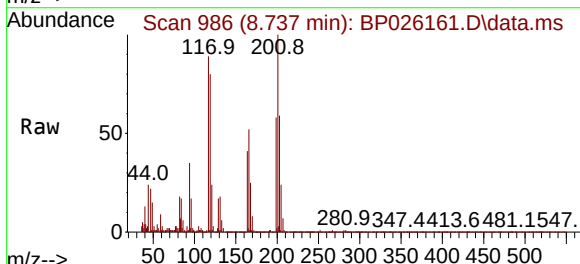
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

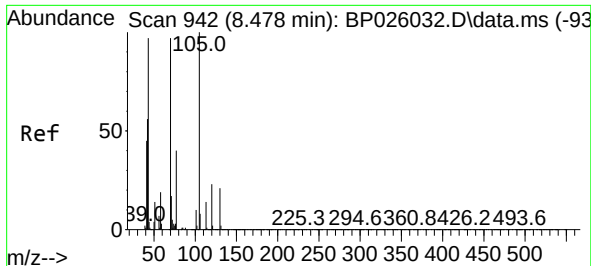
Tgt Ion:	45	Resp:	47335
Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	33.9
79	12.2	0.0	30.4



#18
Hexachloroethane
Concen: 2.183 ng
RT: 8.737 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:	117	Resp:	13917
Ion	Ratio	Lower	Upper
117	100		
119	90.6	78.7	118.1
201	112.7	85.1	127.7

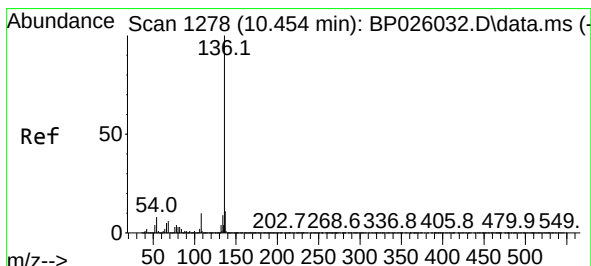
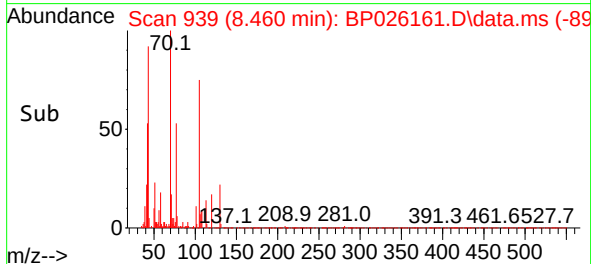
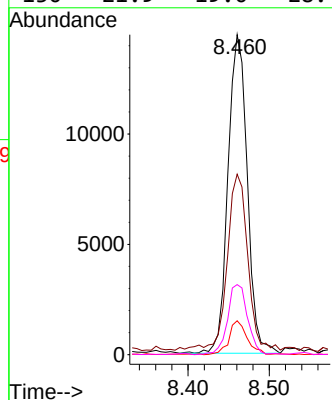
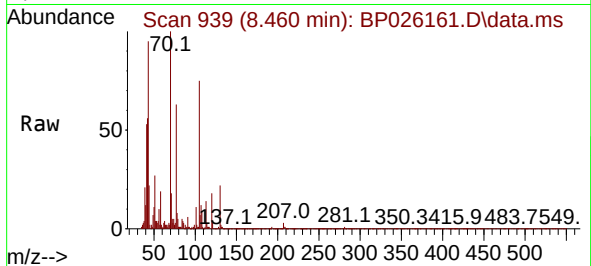




#19
n-Nitroso-di-n-propylamine
Concen: 2.126 ng
RT: 8.460 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

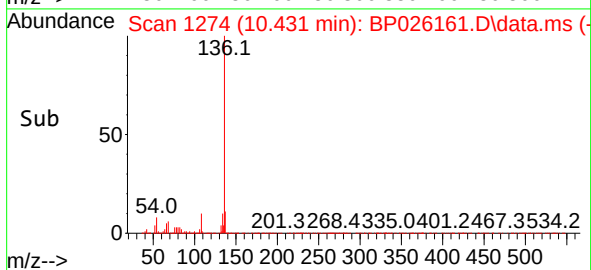
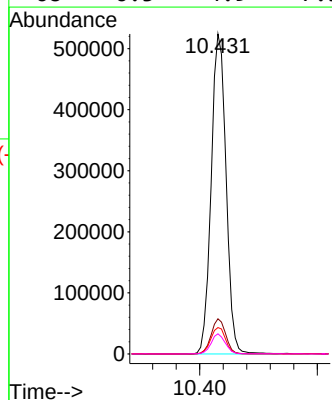
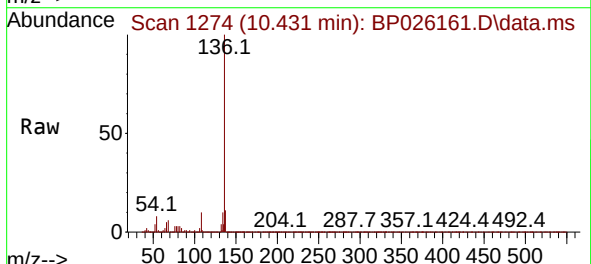
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

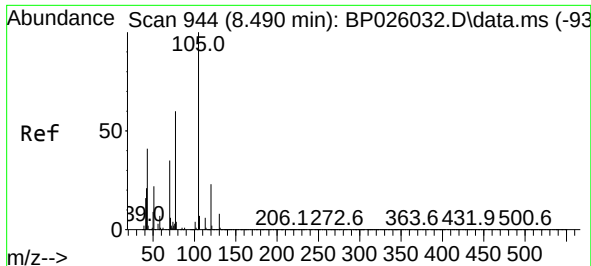
Tgt Ion:	70	Resp:	23843
Ion	Ratio	Lower	Upper
70	100		
42	56.4	44.1	66.1
101	10.6	8.2	12.4
130	21.9	19.0	28.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.017 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:	136	Resp:	918716
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.2	6.4	9.6
68	6.3	4.9	7.3

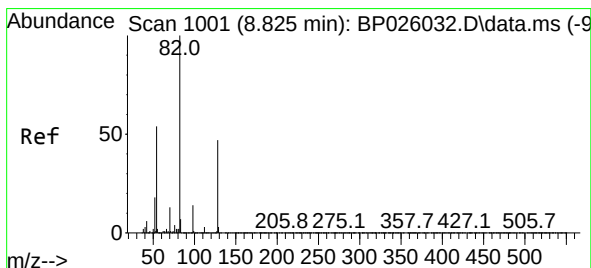
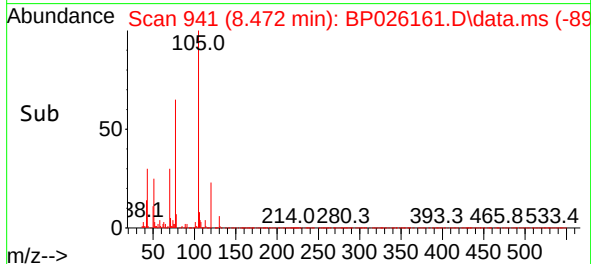
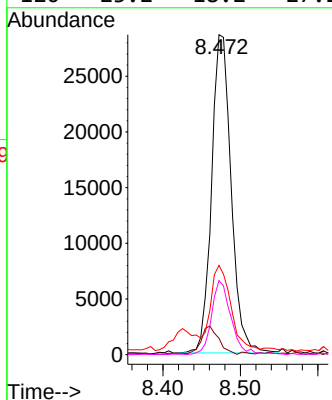
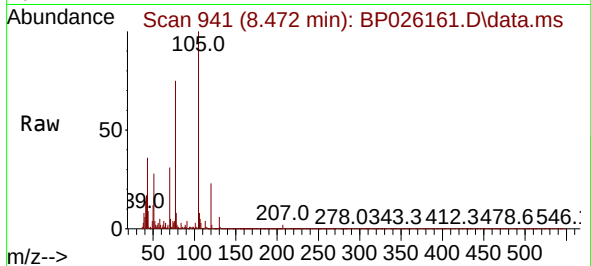




#22
Acetophenone
Concen: 2.159 ng
RT: 8.472 min Scan# 944
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

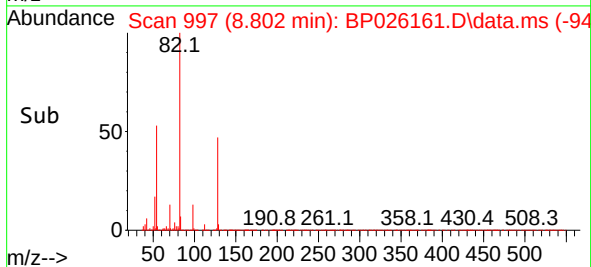
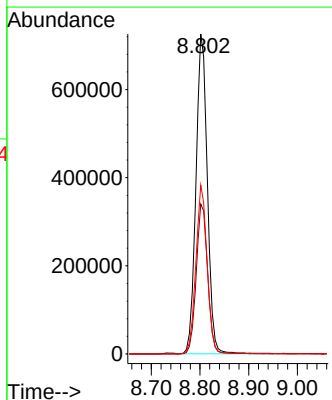
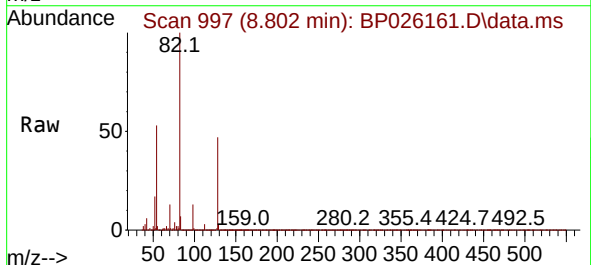
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

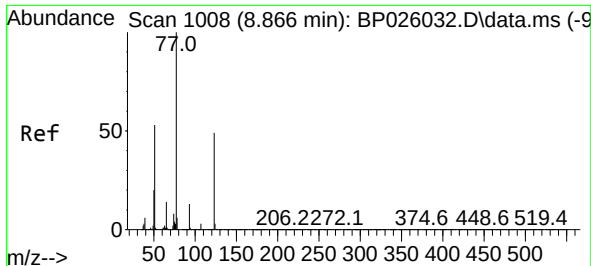
Tgt Ion:105 Resp: 50408
Ion Ratio Lower Upper
105 100
71 5.1 3.0 4.4#
51 27.9 20.5 30.7
120 23.2 18.2 27.2



#23
Nitrobenzene-d5
Concen: 73.322 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion: 82 Resp: 1185906
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.0
54 52.7 41.6 62.4

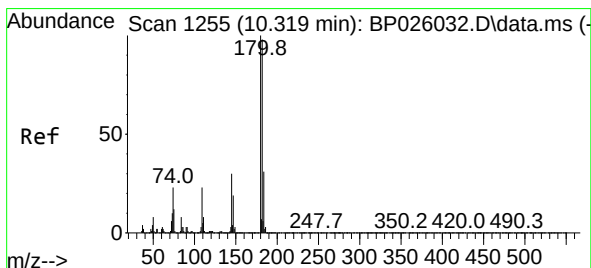
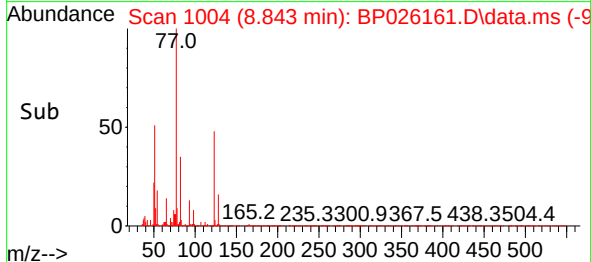
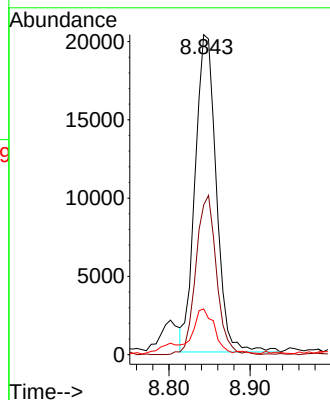
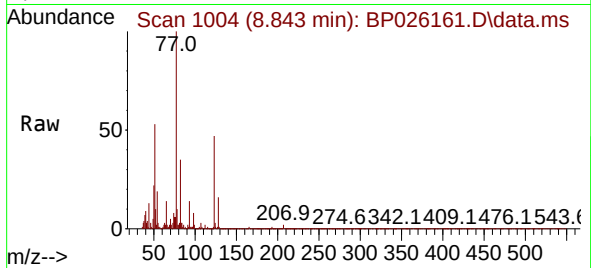




#24
 Nitrobenzene
 Concen: 2.246 ng
 RT: 8.843 min Scan# 1004
 Delta R.T. -0.012 min
 Lab File: BP026161.D
 Acq: 19 Nov 2025 16:52

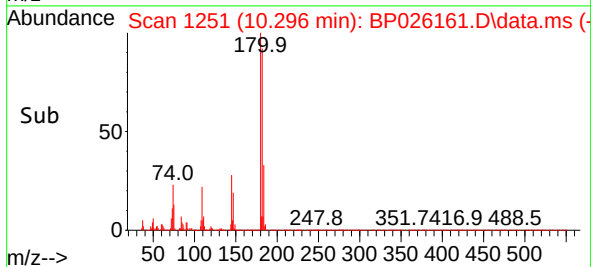
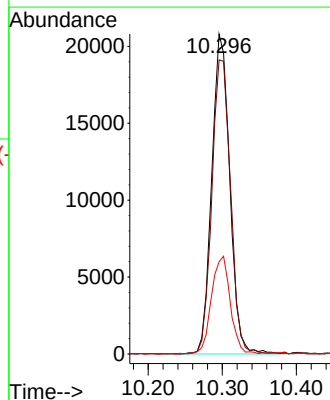
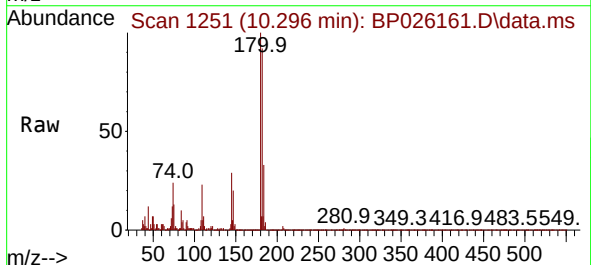
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

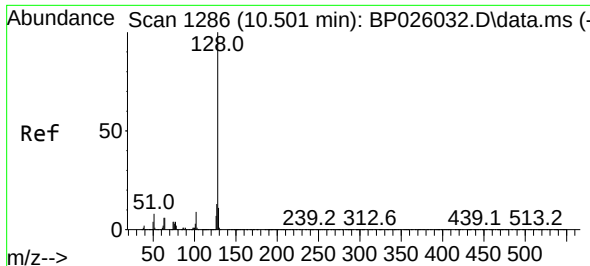
Tgt Ion: 77 Resp: 36742
 Ion Ratio Lower Upper
 77 100
 123 46.8 39.8 59.8
 65 14.3 11.2 16.8



#30
 1,2,4-Trichlorobenzene
 Concen: 2.315 ng
 RT: 10.296 min Scan# 1251
 Delta R.T. -0.012 min
 Lab File: BP026161.D
 Acq: 19 Nov 2025 16:52

Tgt Ion: 180 Resp: 35175
 Ion Ratio Lower Upper
 180 100
 182 91.9 78.1 117.1
 145 28.8 24.2 36.4

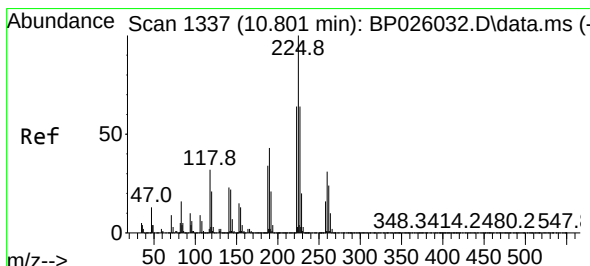
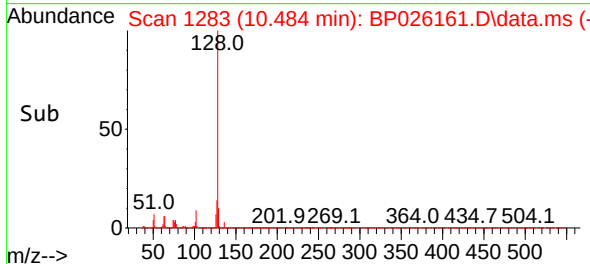
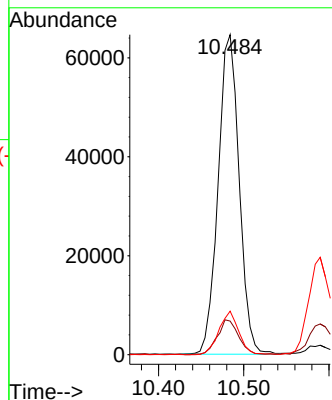
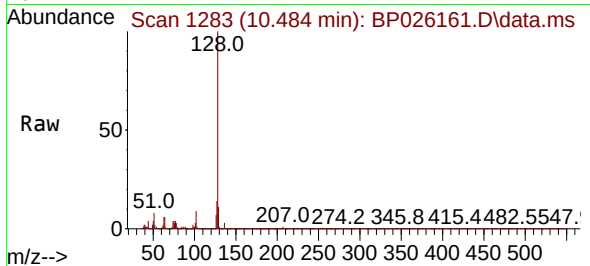




#31
Naphthalene
Concen: 2.234 ng
RT: 10.484 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

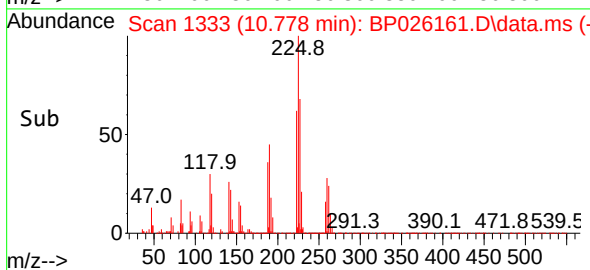
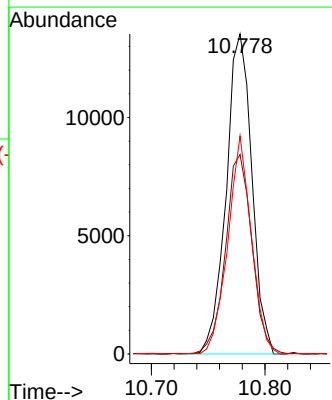
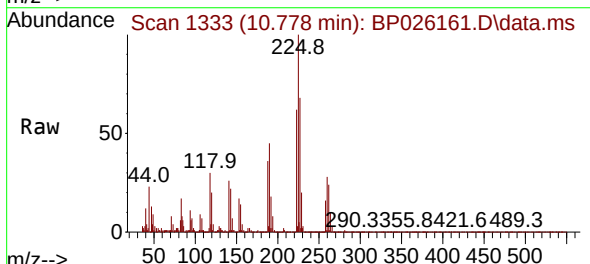
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

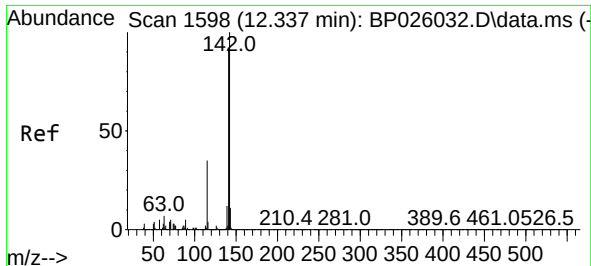
Tgt Ion:128 Resp: 110925
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.6 10.2 15.4



#34
Hexachlorobutadiene
Concen: 2.151 ng
RT: 10.778 min Scan# 1333
Delta R.T. -0.017 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:225 Resp: 21254
Ion Ratio Lower Upper
225 100
223 62.1 49.6 74.4
227 64.7 51.2 76.8

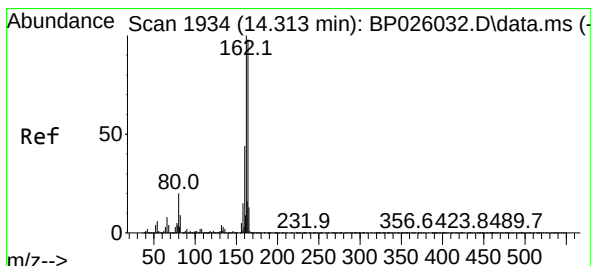
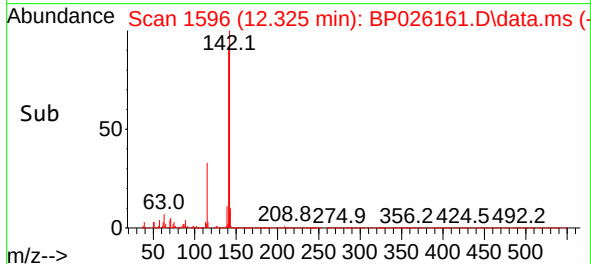
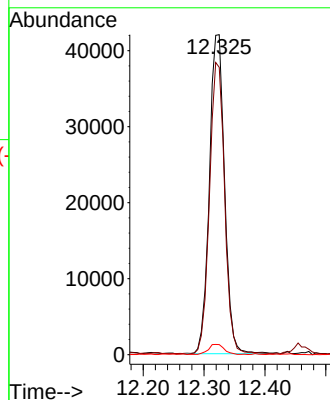
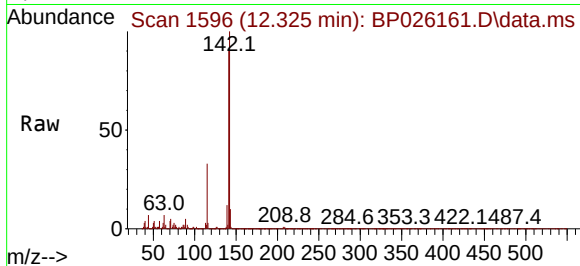




#38
1-Methylnaphthalene
Concen: 2.122 ng
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

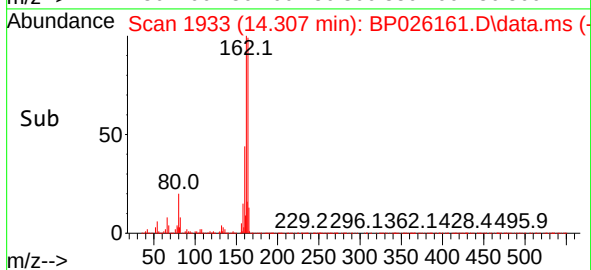
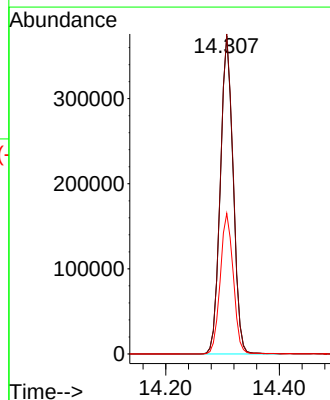
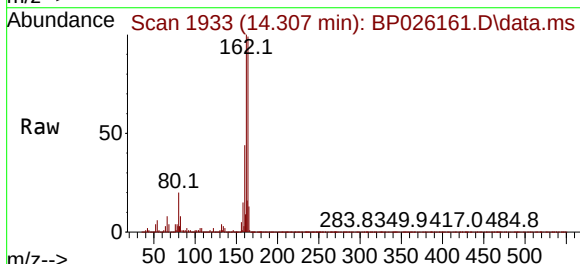
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

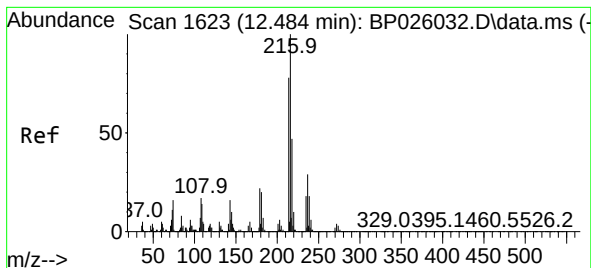
Tgt Ion:142	Resp:	73021
Ion Ratio	Lower	Upper
142	100	
141	89.8	73.5 110.3
116	3.2	3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.017 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:164	Resp:	585119
Ion Ratio	Lower	Upper
164	100	
162	100.7	80.3 120.5
160	44.2	35.2 52.8

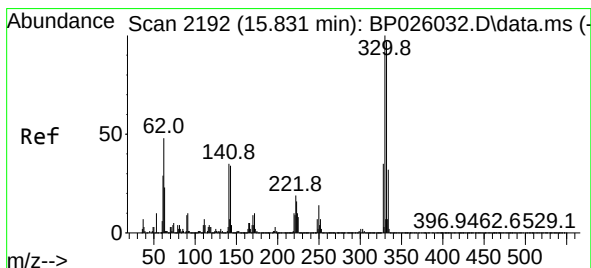
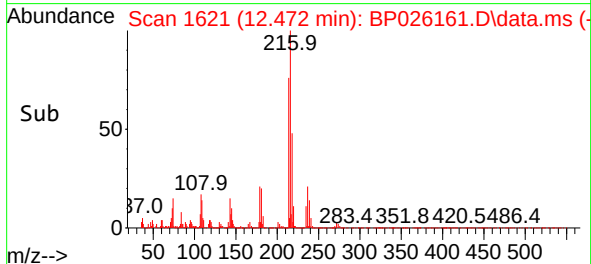
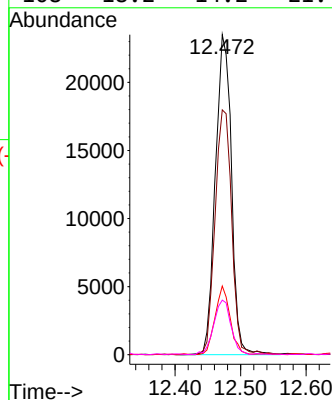
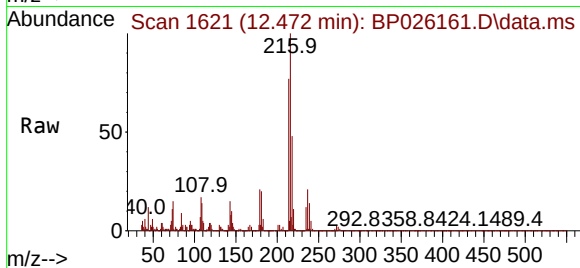




#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.250 ng
RT: 12.472 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

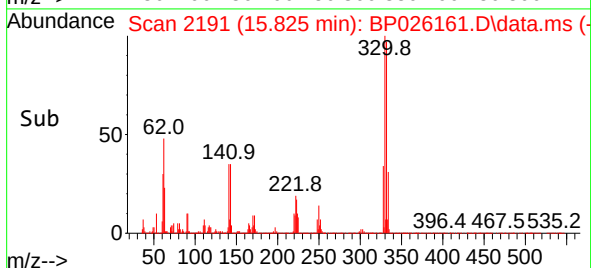
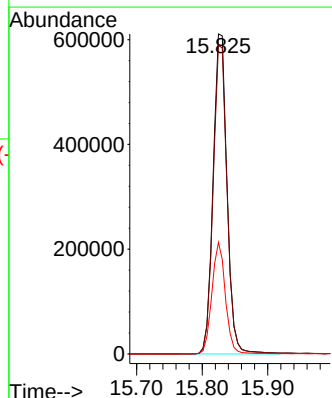
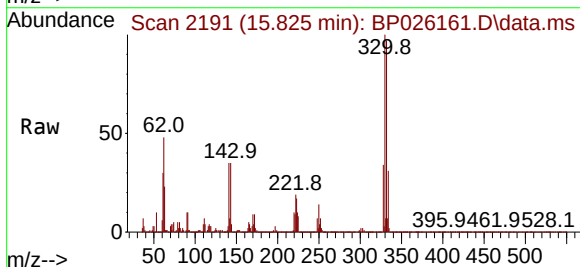
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

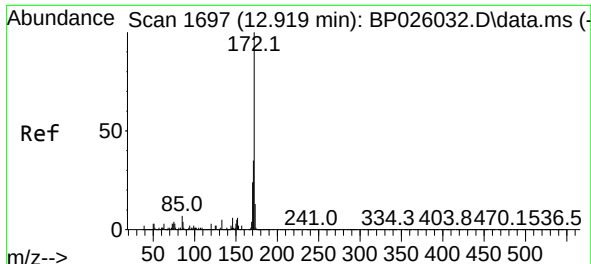
Tgt Ion:	216	Resp:	39812
Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.6	94.0
179	20.1	16.6	25.0
108	18.2	14.2	21.4



#42
2,4,6-Tribromophenol
Concen: 118.729 ng
RT: 15.825 min Scan# 2191
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:	330	Resp:	901206
Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	34.1	26.8	40.2

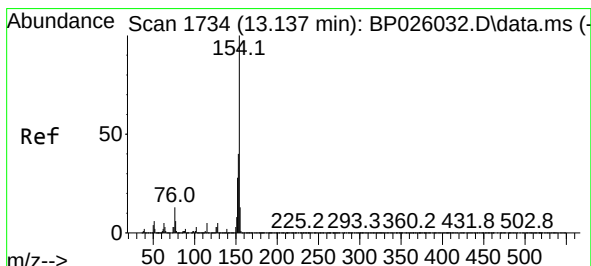
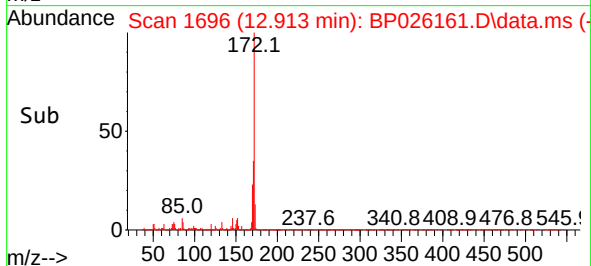
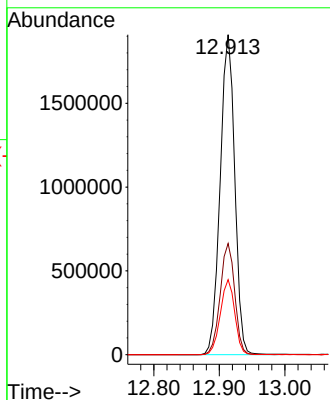
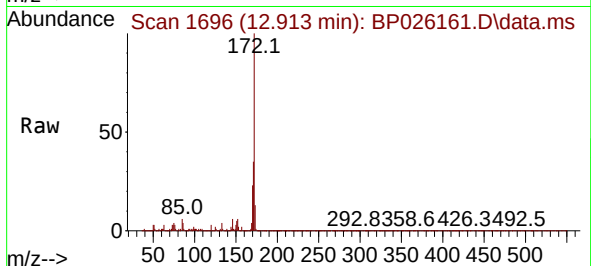




#45
2-Fluorobiphenyl
Concen: 73.429 ng
RT: 12.913 min Scan# 1697
Delta R.T. -0.017 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

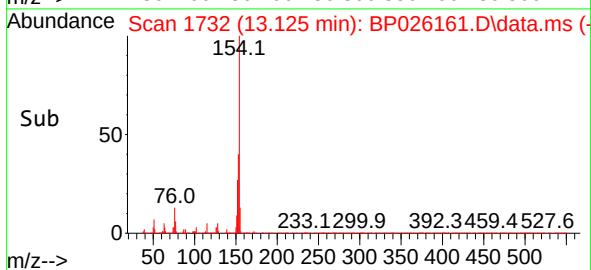
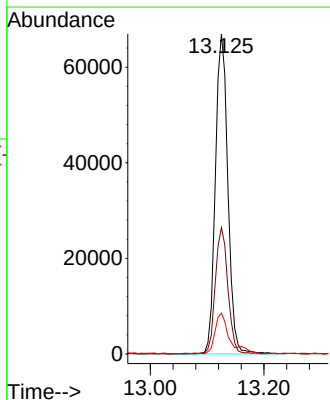
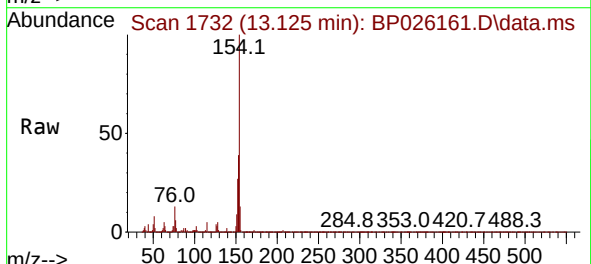
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

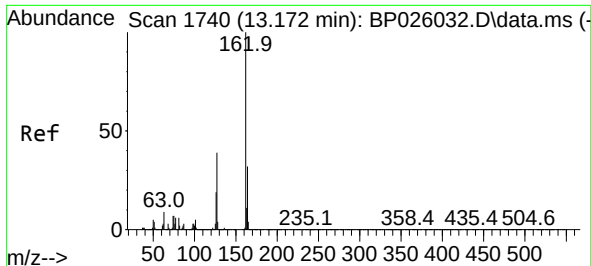
Tgt Ion:172 Resp: 2931566
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 2.315 ng
RT: 13.125 min Scan# 1732
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:154 Resp: 101976
Ion Ratio Lower Upper
154 100
153 39.5 20.3 60.3
76 12.7 0.0 32.3

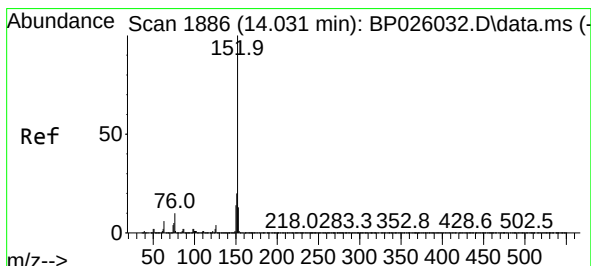
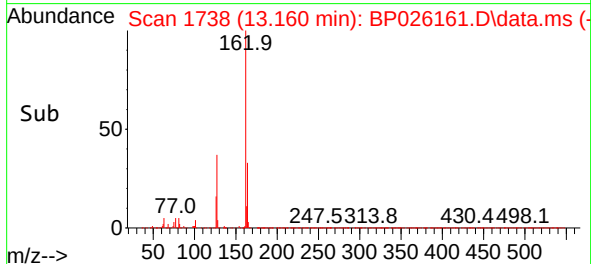
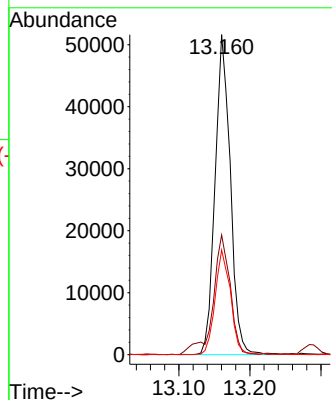
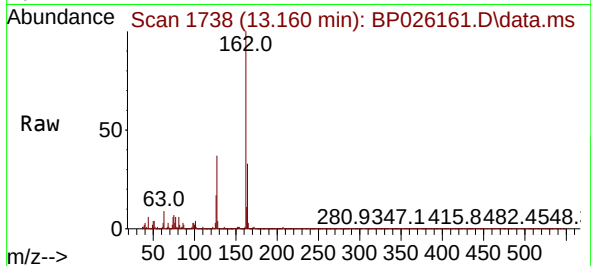




#47
2-Chloronaphthalene
Concen: 2.219 ng
RT: 13.160 min Scan# 1738
Delta R.T. -0.023 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

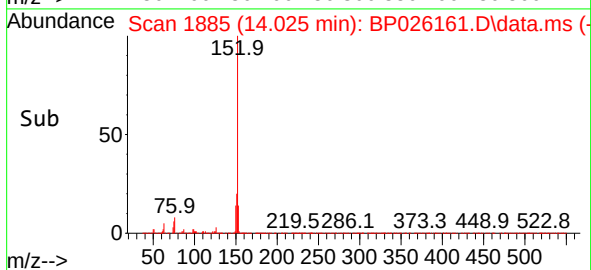
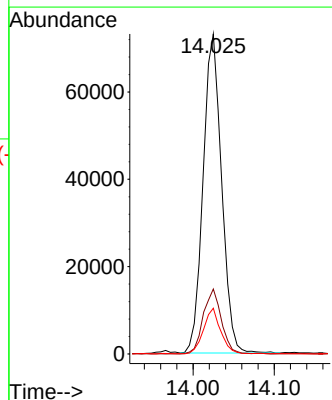
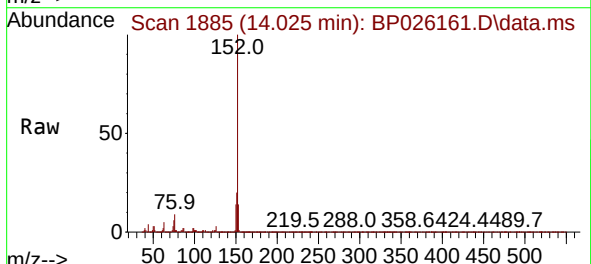
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

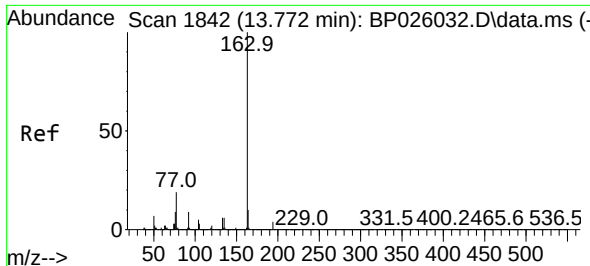
Tgt Ion:162 Resp: 76897
Ion Ratio Lower Upper
162 100
127 37.4 30.9 46.3
164 32.7 26.4 39.6



#49
Acenaphthylene
Concen: 2.021 ng
RT: 14.025 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:152 Resp: 115521
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 14.3 10.6 16.0

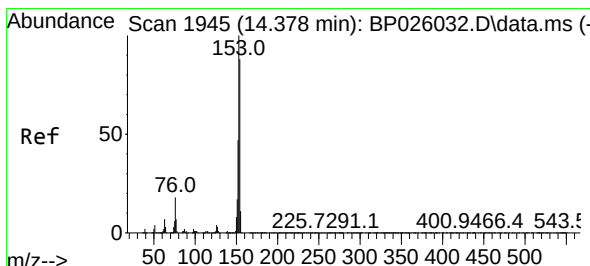
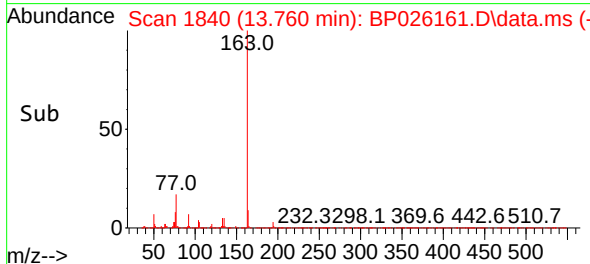
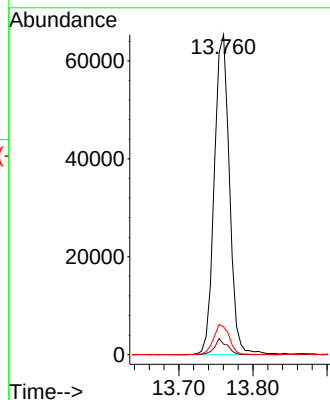
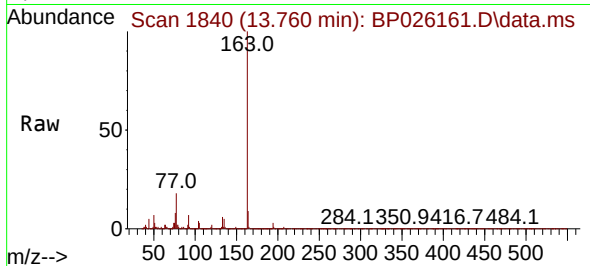




#50
Dimethylphthalate
Concen: 2.125 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

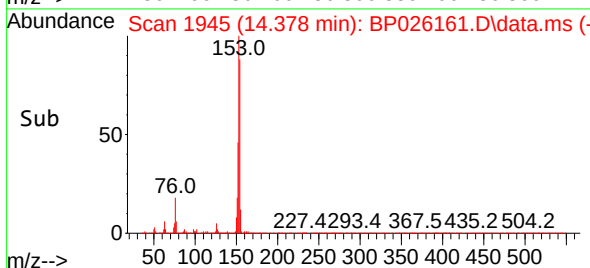
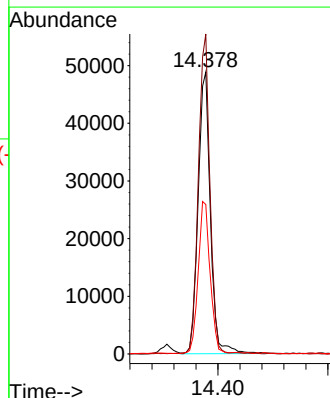
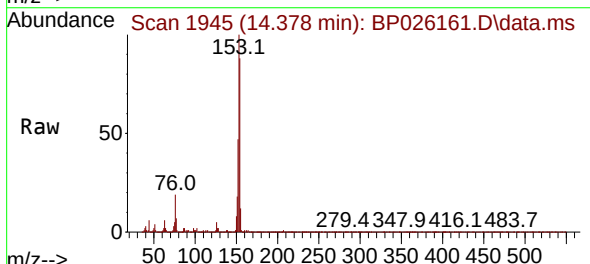
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

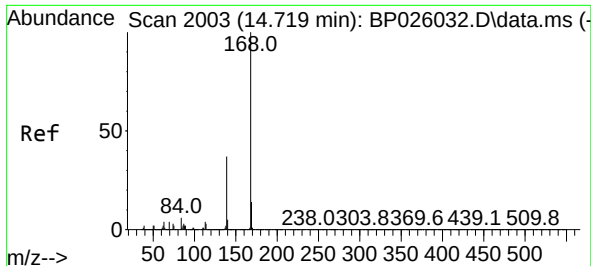
Tgt Ion:163	Resp:	92858
Ion	Ratio	Lower Upper
163	100	
194	3.3	3.3 4.9
164	8.7	8.2 12.2



#52
Acenaphthene
Concen: 2.255 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:154	Resp:	75518
Ion	Ratio	Lower Upper
154	100	
153	113.5	90.7 136.1
152	53.0	42.8 64.2

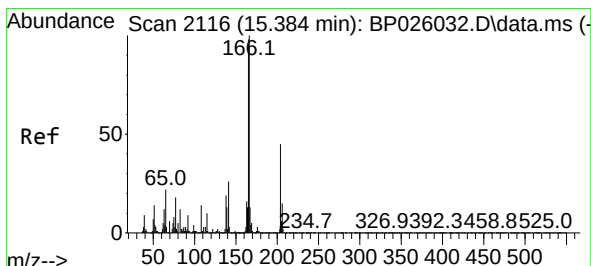
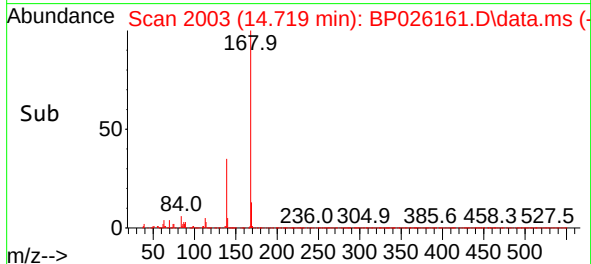
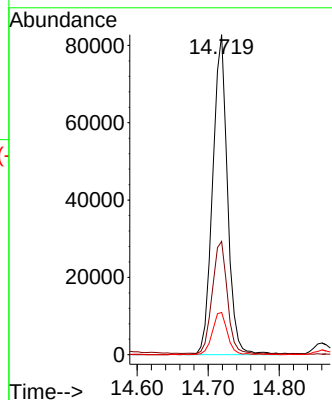
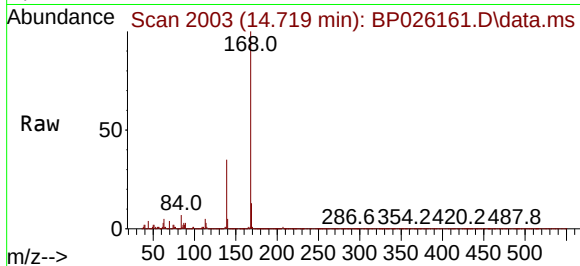




#55
Dibenzenofuran
Concen: 2.308 ng
RT: 14.719 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

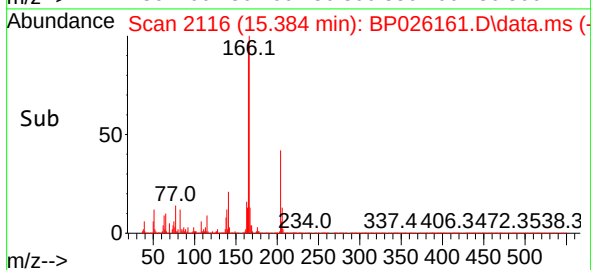
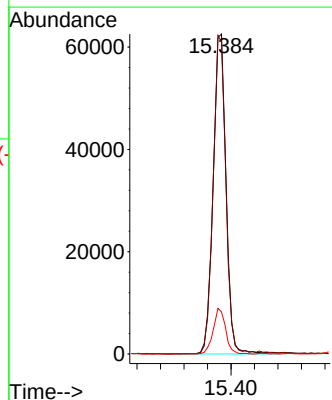
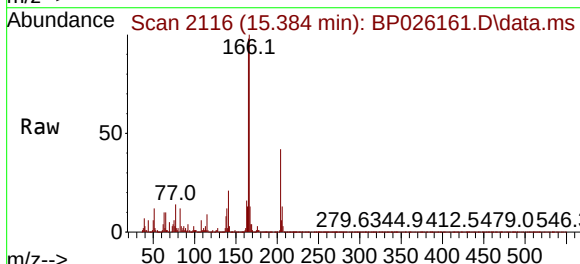
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

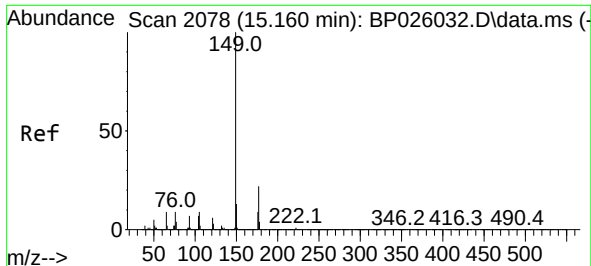
Tgt Ion:168 Resp: 119712
Ion Ratio Lower Upper
168 100
139 35.4 29.8 44.6
169 13.2 10.9 16.3



#58
Fluorene
Concen: 2.318 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:166 Resp: 95022
Ion Ratio Lower Upper
166 100
165 97.5 77.9 116.9
167 13.2 11.0 16.4

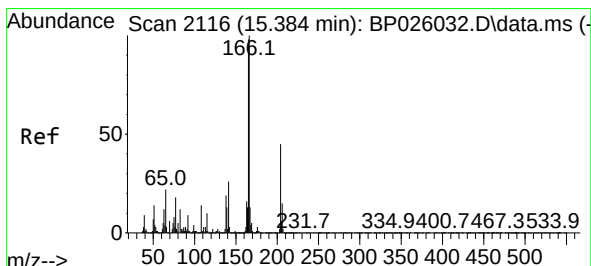
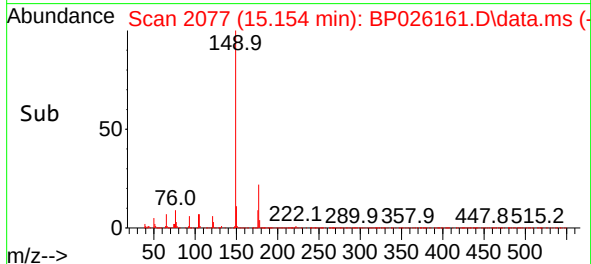
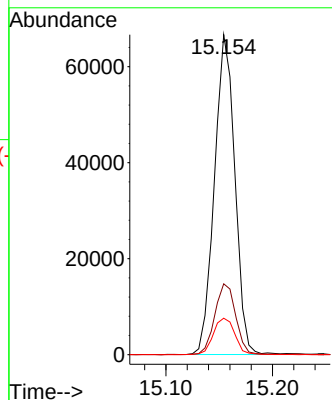
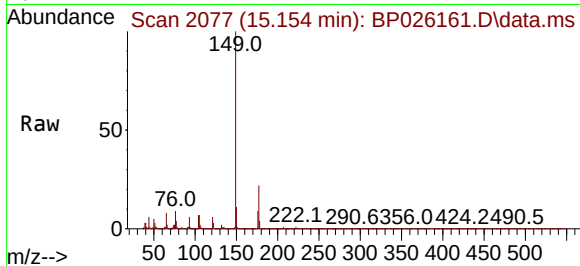




#60
Diethylphthalate
Concen: 2.018 ng
RT: 15.154 min Scan# 2077
Delta R.T. -0.017 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

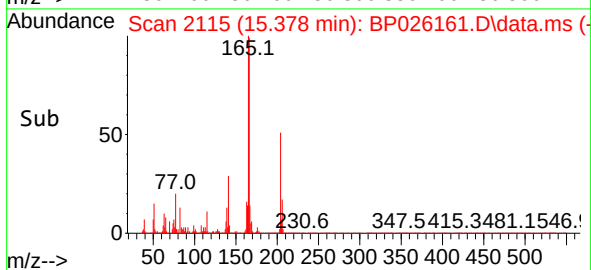
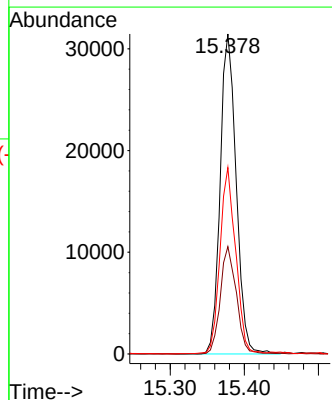
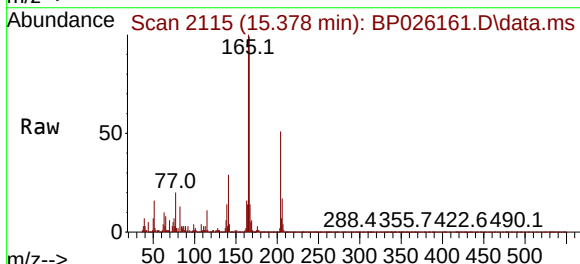
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

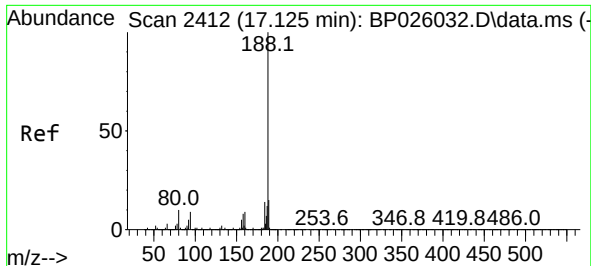
Tgt Ion:149 Resp: 88850
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 11.4 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 2.314 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:204 Resp: 47214
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 58.3 48.1 72.1

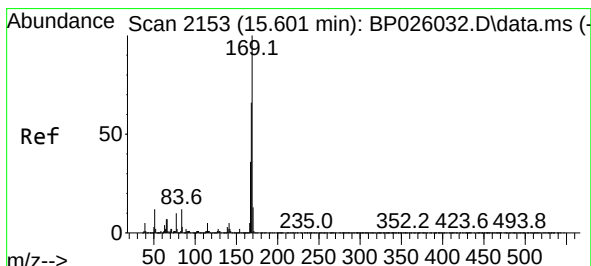
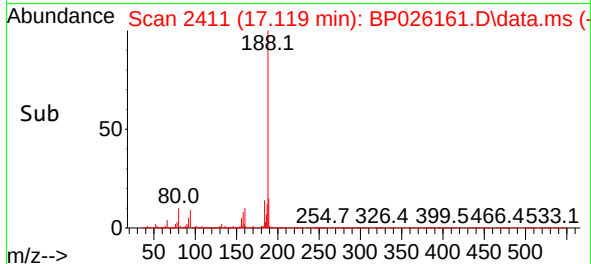
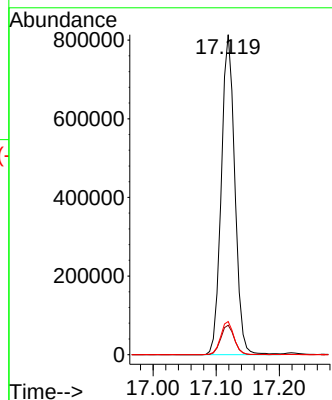
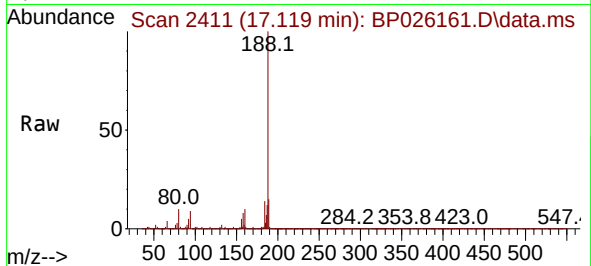




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

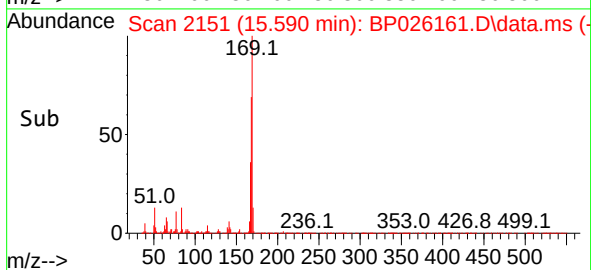
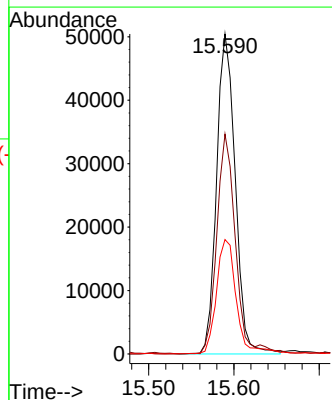
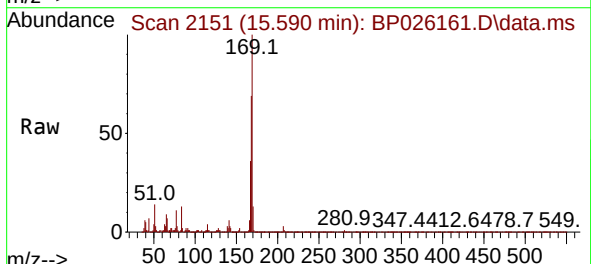
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

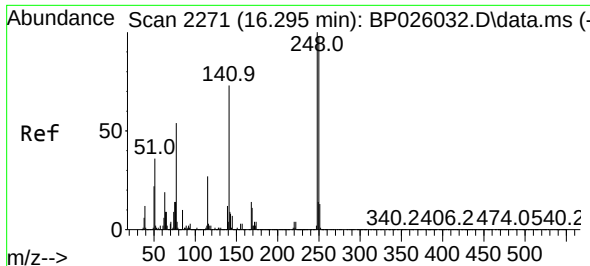
Tgt Ion:188 Resp: 1211850
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 10.4 8.2 12.2



#66
n-Nitrosodiphenylamine
Concen: 2.046 ng
RT: 15.590 min Scan# 2151
Delta R.T. -0.017 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:169 Resp: 76716
Ion Ratio Lower Upper
169 100
168 68.7 53.1 79.7
167 35.7 28.9 43.3

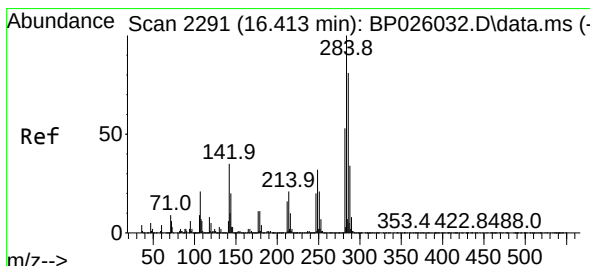
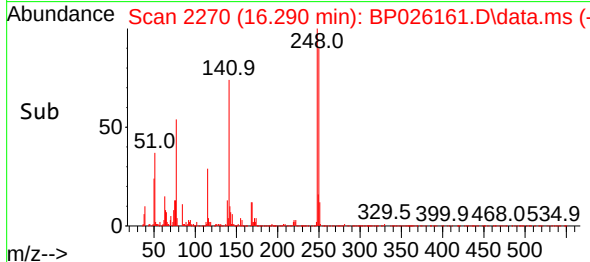
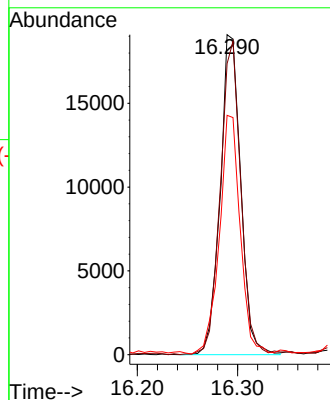
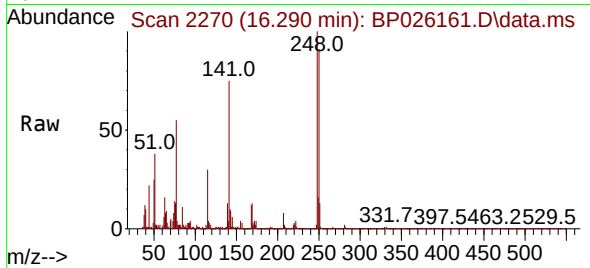




#67
4-Bromophenyl-phenylether
Concen: 2.023 ng
RT: 16.290 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

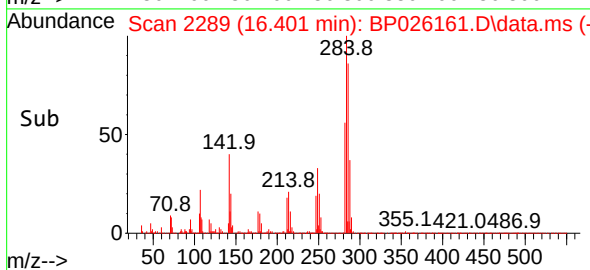
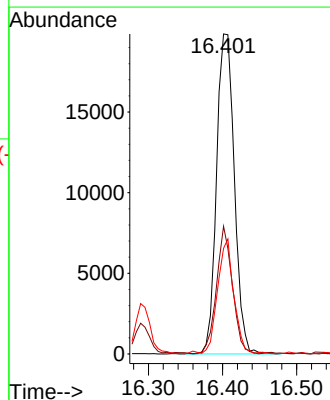
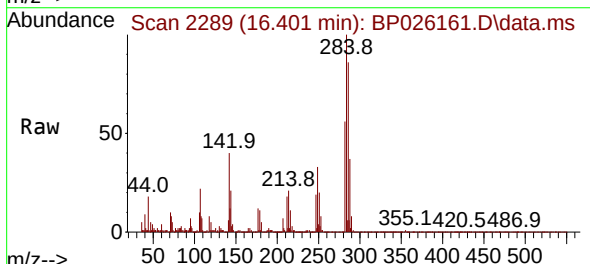
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

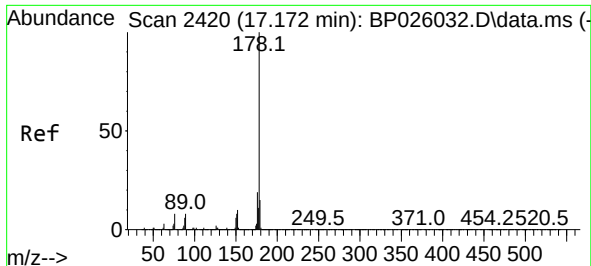
Tgt Ion:	248	Resp:	27146
Ion Ratio	Lower	Upper	
248	100		
250	91.0	77.8	116.6
141	74.8	55.4	83.0



#68
Hexachlorobenzene
Concen: 2.126 ng
RT: 16.401 min Scan# 2289
Delta R.T. -0.023 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:	284	Resp:	33103
Ion Ratio	Lower	Upper	
284	100		
142	39.9	28.0	42.0
249	33.0	25.0	37.4

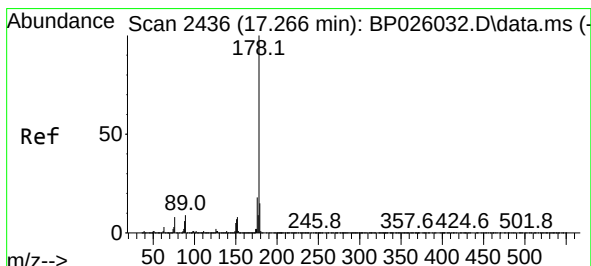
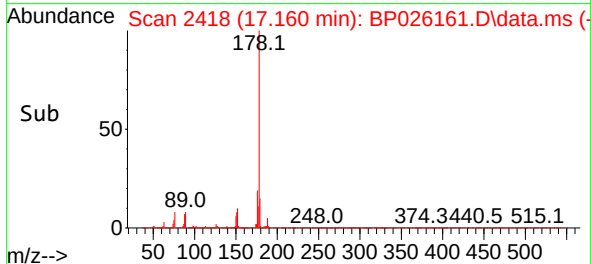
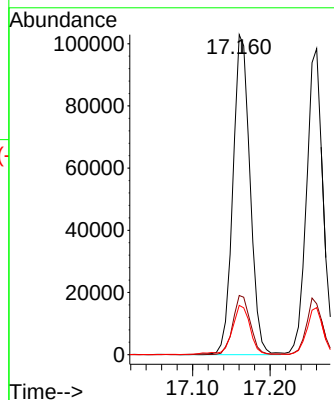
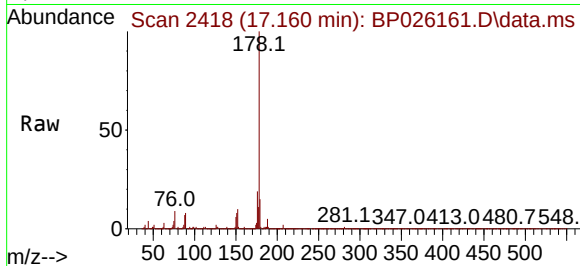




#71
Phenanthrene
Concen: 2.315 ng
RT: 17.160 min Scan# 2418
Delta R.T. -0.017 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

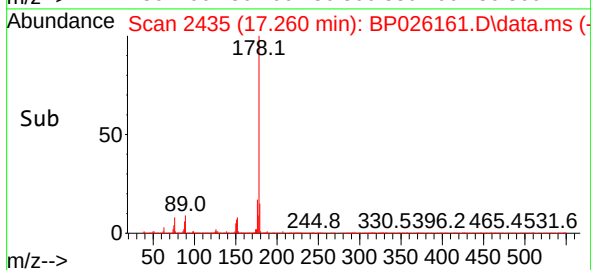
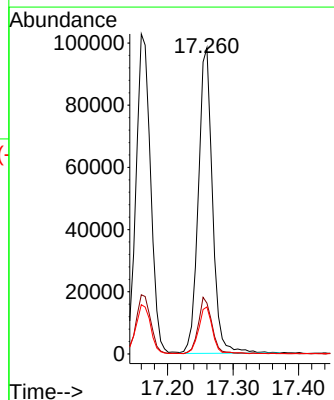
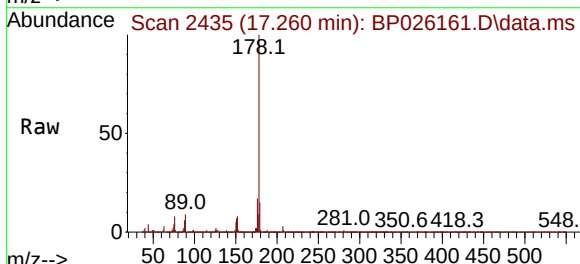
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

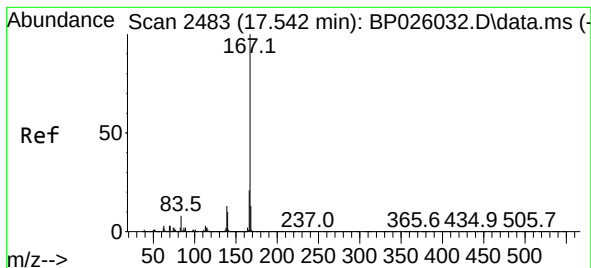
Tgt Ion:178 Resp: 158050
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.4 12.4 18.6



#72
Anthracene
Concen: 2.116 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:178 Resp: 147341
Ion Ratio Lower Upper
178 100
176 16.6 14.8 22.2
179 15.4 12.2 18.4





#73

Carbazole

Concen: 2.091 ng

RT: 17.536 min Scan# 2483

Delta R.T. -0.006 min

Lab File: BP026161.D

Acq: 19 Nov 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

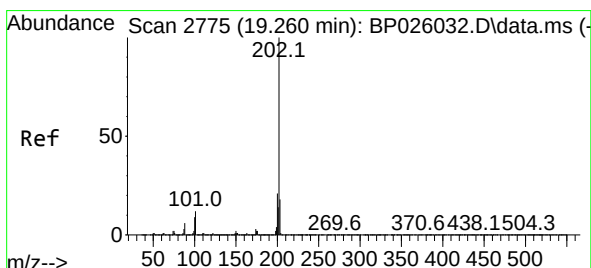
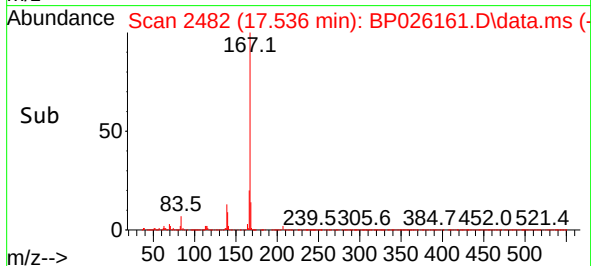
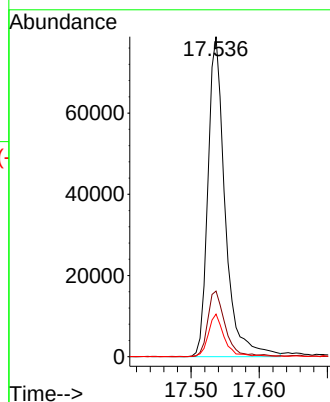
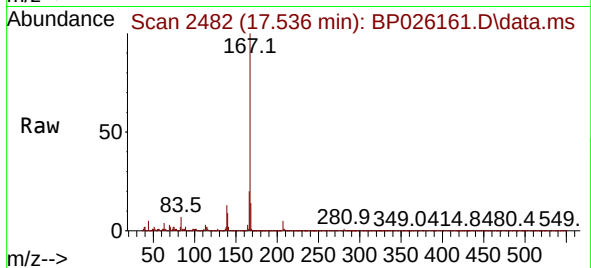
Tgt Ion:167 Resp: 138277

Ion Ratio Lower Upper

167 100

166 20.5 17.1 25.7

139 13.3 10.2 15.4



#75

Fluoranthene

Concen: 2.200 ng

RT: 19.260 min Scan# 2775

Delta R.T. -0.006 min

Lab File: BP026161.D

Acq: 19 Nov 2025 16:52

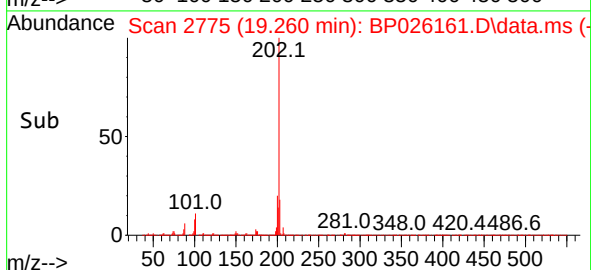
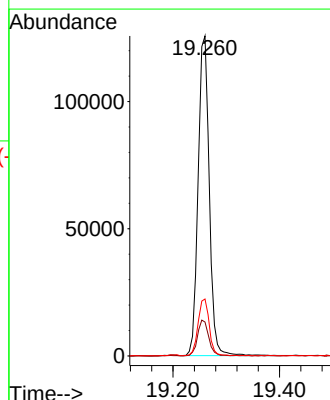
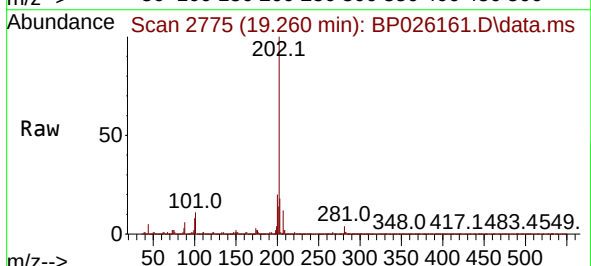
Tgt Ion:202 Resp: 182459

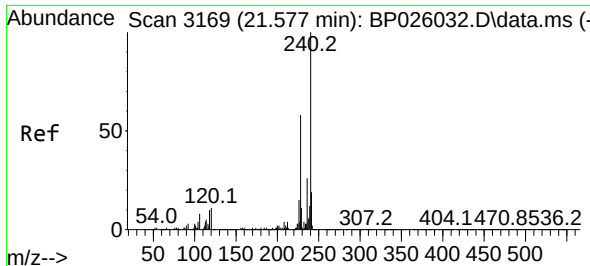
Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.2

203 17.8 0.0 37.7

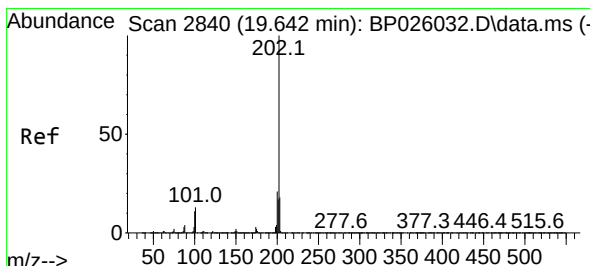
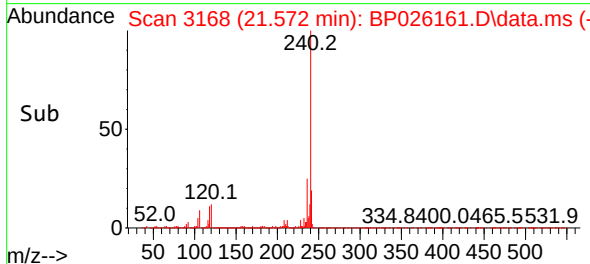
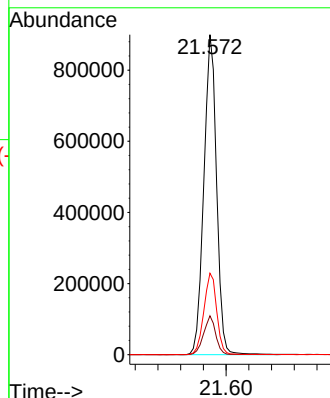
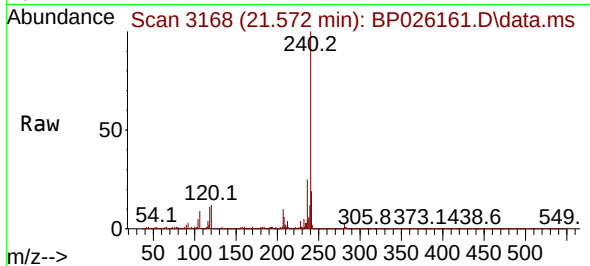




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

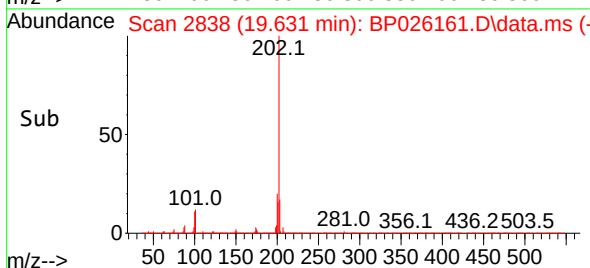
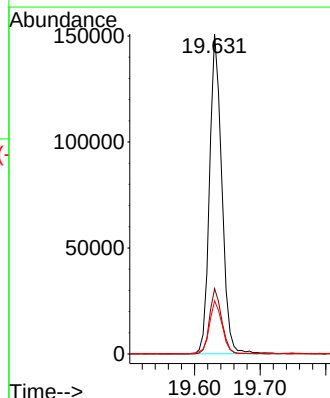
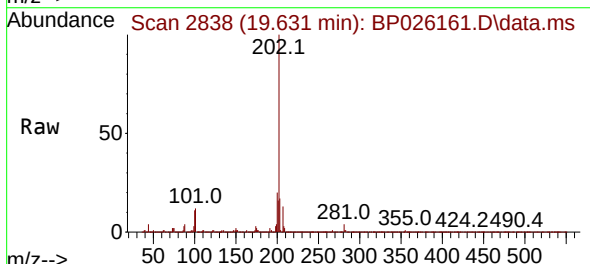
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

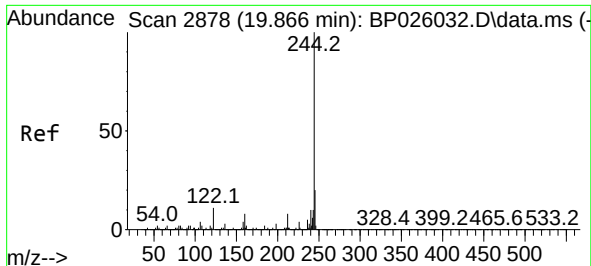
Tgt Ion:240 Resp: 1394641
Ion Ratio Lower Upper
240 100
120 12.1 9.0 13.4
236 25.5 20.4 30.6



#78
Pyrene
Concen: 2.148 ng
RT: 19.631 min Scan# 2838
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:202 Resp: 196434
Ion Ratio Lower Upper
202 100
200 20.4 16.9 25.3
203 16.6 13.8 20.8

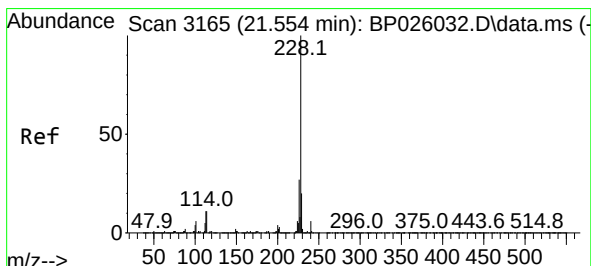
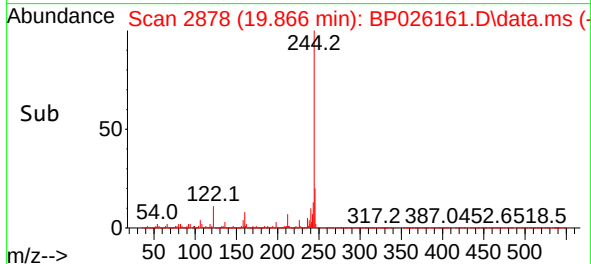
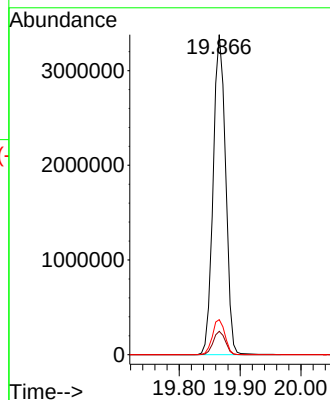
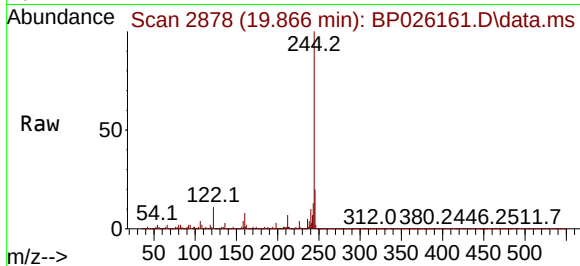




#79
 Terphenyl-d14
 Concen: 70.236 ng
 RT: 19.866 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP026161.D
 Acq: 19 Nov 2025 16:52

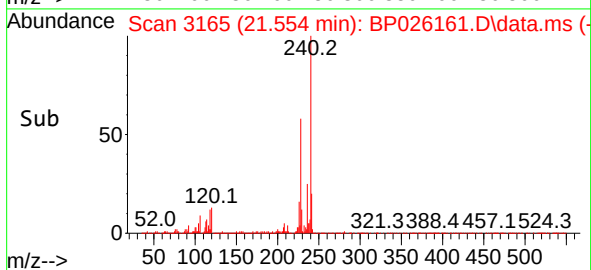
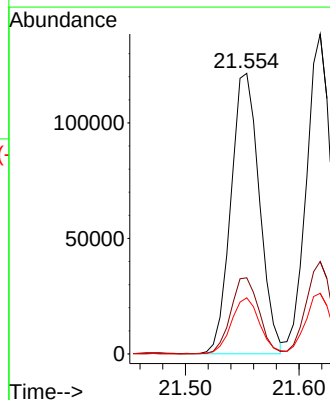
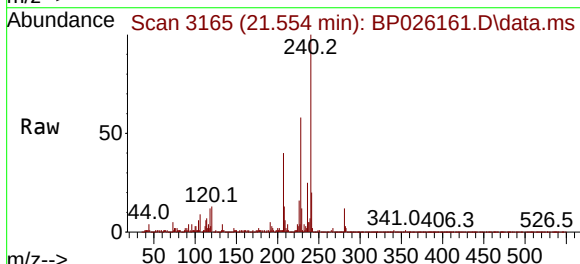
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

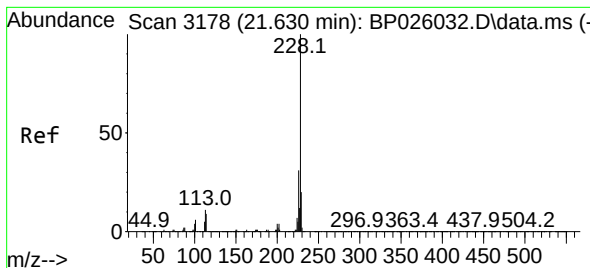
Tgt Ion:244 Resp: 4803875
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.9 8.2 12.2



#81
 Benzo(a)anthracene
 Concen: 2.214 ng
 RT: 21.554 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: BP026161.D
 Acq: 19 Nov 2025 16:52

Tgt Ion:228 Resp: 212027
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.8 32.8
 229 20.0 15.9 23.9





#83

Chrysene

Concen: 2.350 ng

RT: 21.619 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BP026161.D

Acq: 19 Nov 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

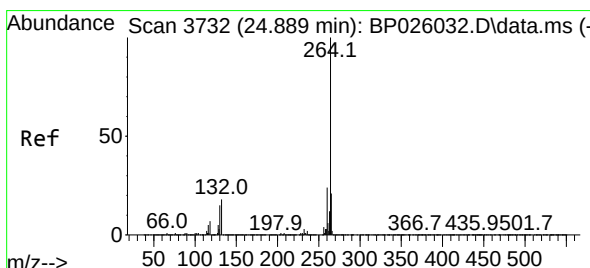
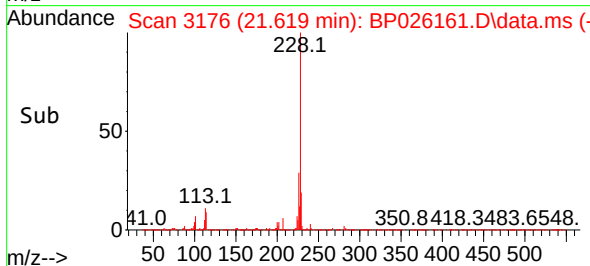
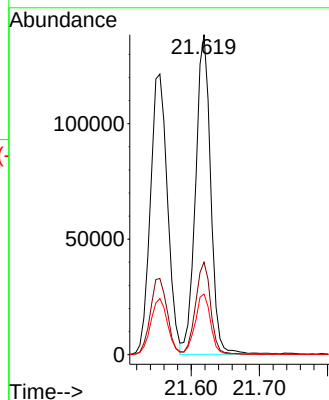
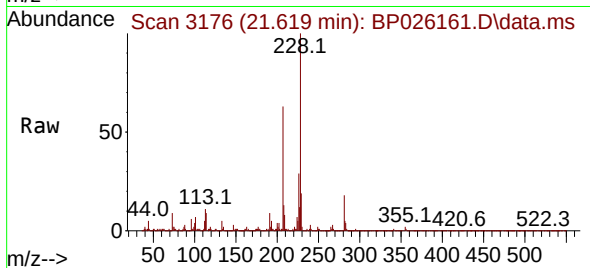
Tgt Ion:228 Resp: 212134

Ion Ratio Lower Upper

228 100

226 28.9 23.9 35.9

229 19.0 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.895 min Scan# 3733

Delta R.T. -0.012 min

Lab File: BP026161.D

Acq: 19 Nov 2025 16:52

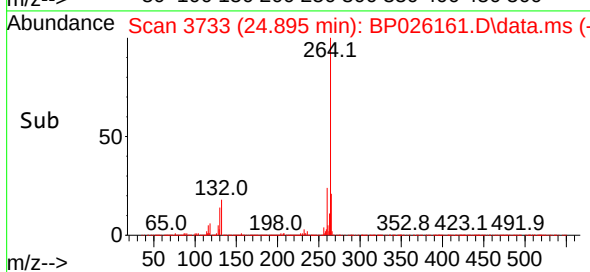
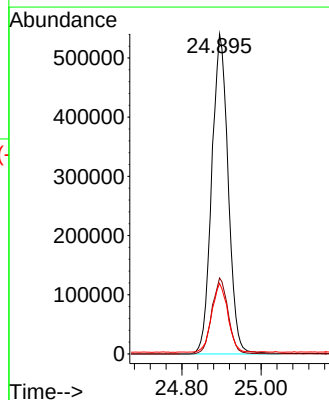
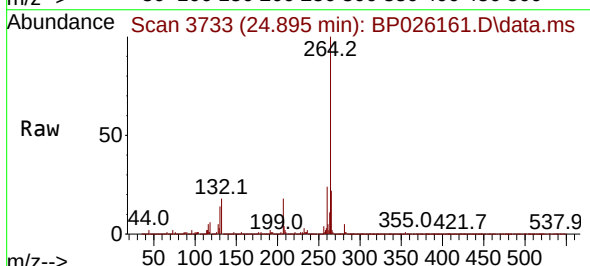
Tgt Ion:264 Resp: 1555051

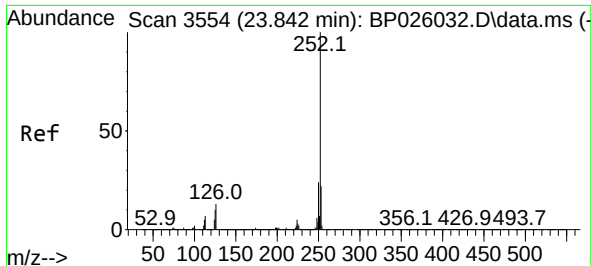
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.0 17.5 26.3

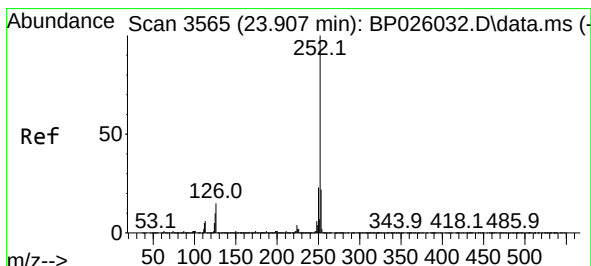
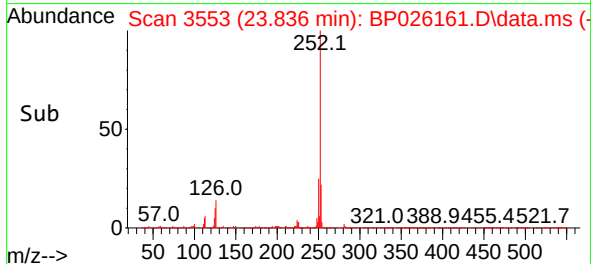
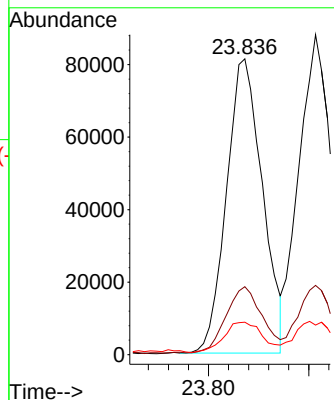
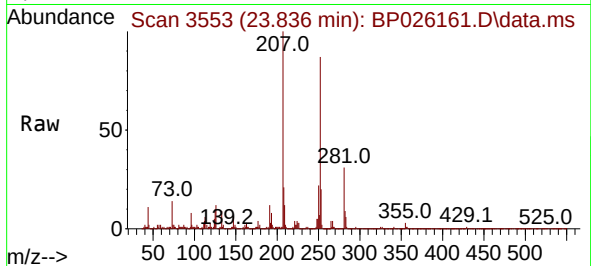




#88
Benzo(b)fluoranthene
Concen: 2.132 ng
RT: 23.836 min Scan# 3553
Delta R.T. -0.029 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

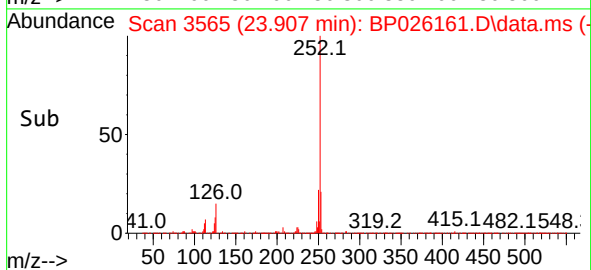
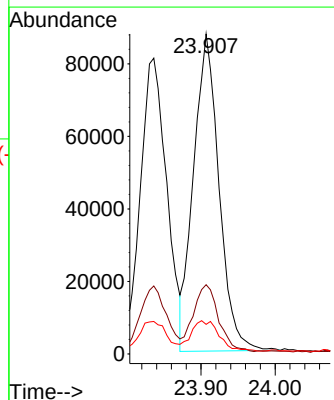
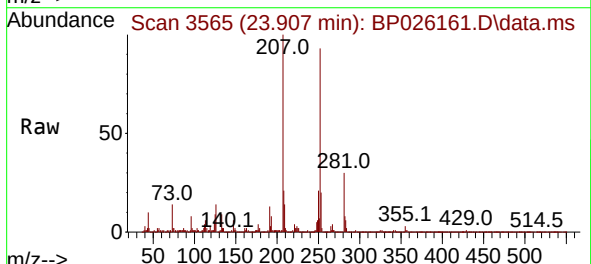
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

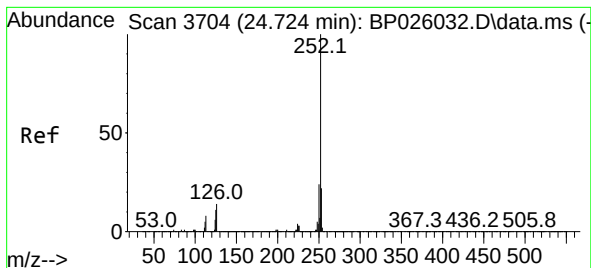
Tgt Ion:252 Resp: 201904
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 11.0 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 2.202 ng
RT: 23.907 min Scan# 3565
Delta R.T. -0.029 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

Tgt Ion:252 Resp: 208328
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.2 7.5 11.3





#90

Benzo(a)pyrene

Concen: 2.152 ng

RT: 24.724 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP026161.D

Acq: 19 Nov 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

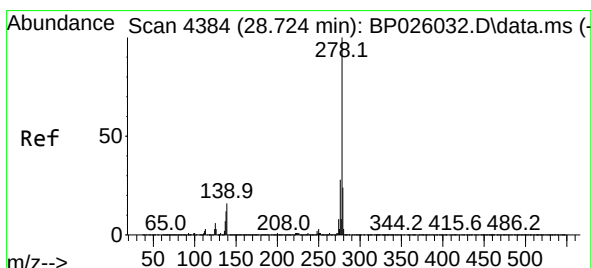
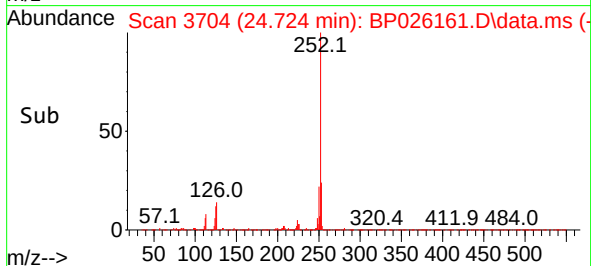
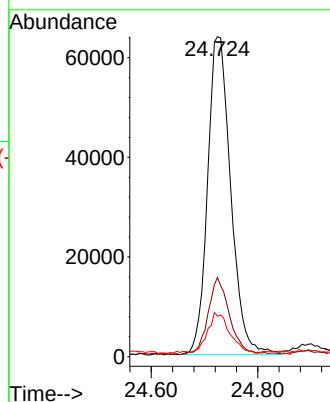
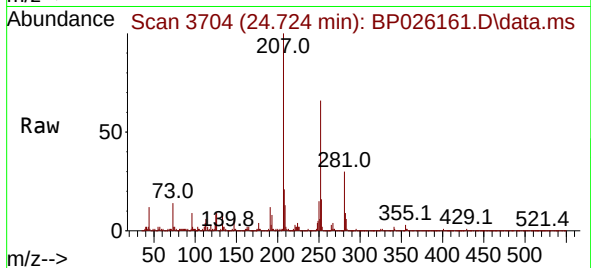
Tgt Ion:252 Resp: 193002

Ion Ratio Lower Upper

252 100

253 24.7 17.4 26.2

125 12.6 9.0 13.6



#91

Dibenzo(a,h)anthracene

Concen: 2.032 ng

RT: 28.742 min Scan# 4387

Delta R.T. -0.053 min

Lab File: BP026161.D

Acq: 19 Nov 2025 16:52

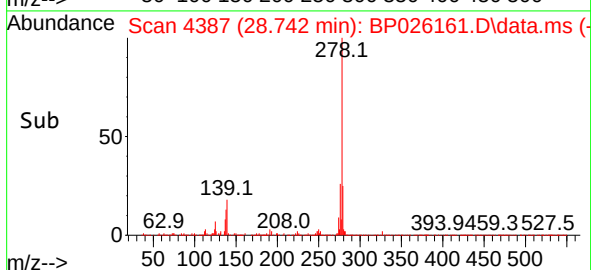
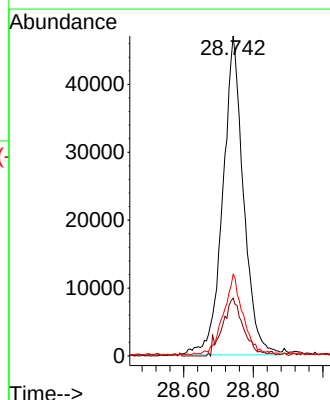
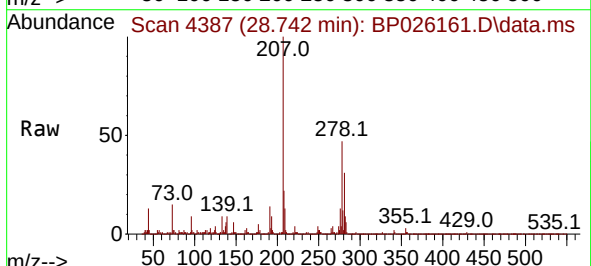
Tgt Ion:278 Resp: 194035

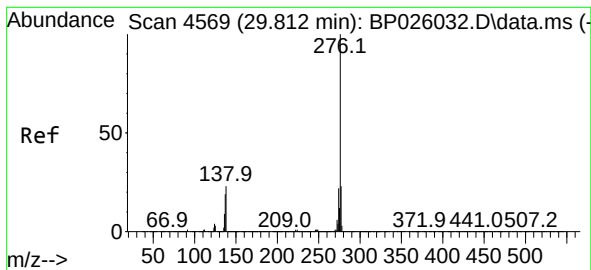
Ion Ratio Lower Upper

278 100

139 18.1 13.2 19.8

279 25.5 19.2 28.8





#92

Benzo(g,h,i)perylene

Concen: 2.121 ng

RT: 29.806 min Scan# 4

Delta R.T. -0.076 min

Lab File: BP026161.D

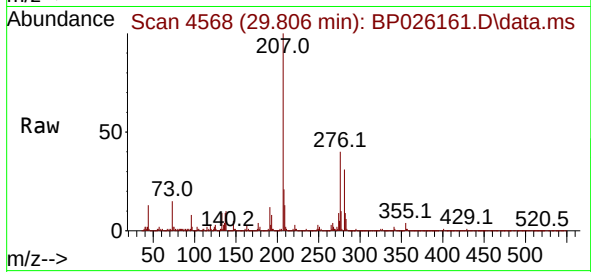
Acq: 19 Nov 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



Tgt Ion:276 Resp: 201240

Ion Ratio Lower Upper

276 100

277 25.7 18.8 28.2

138 24.4 17.8 26.6

