

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)

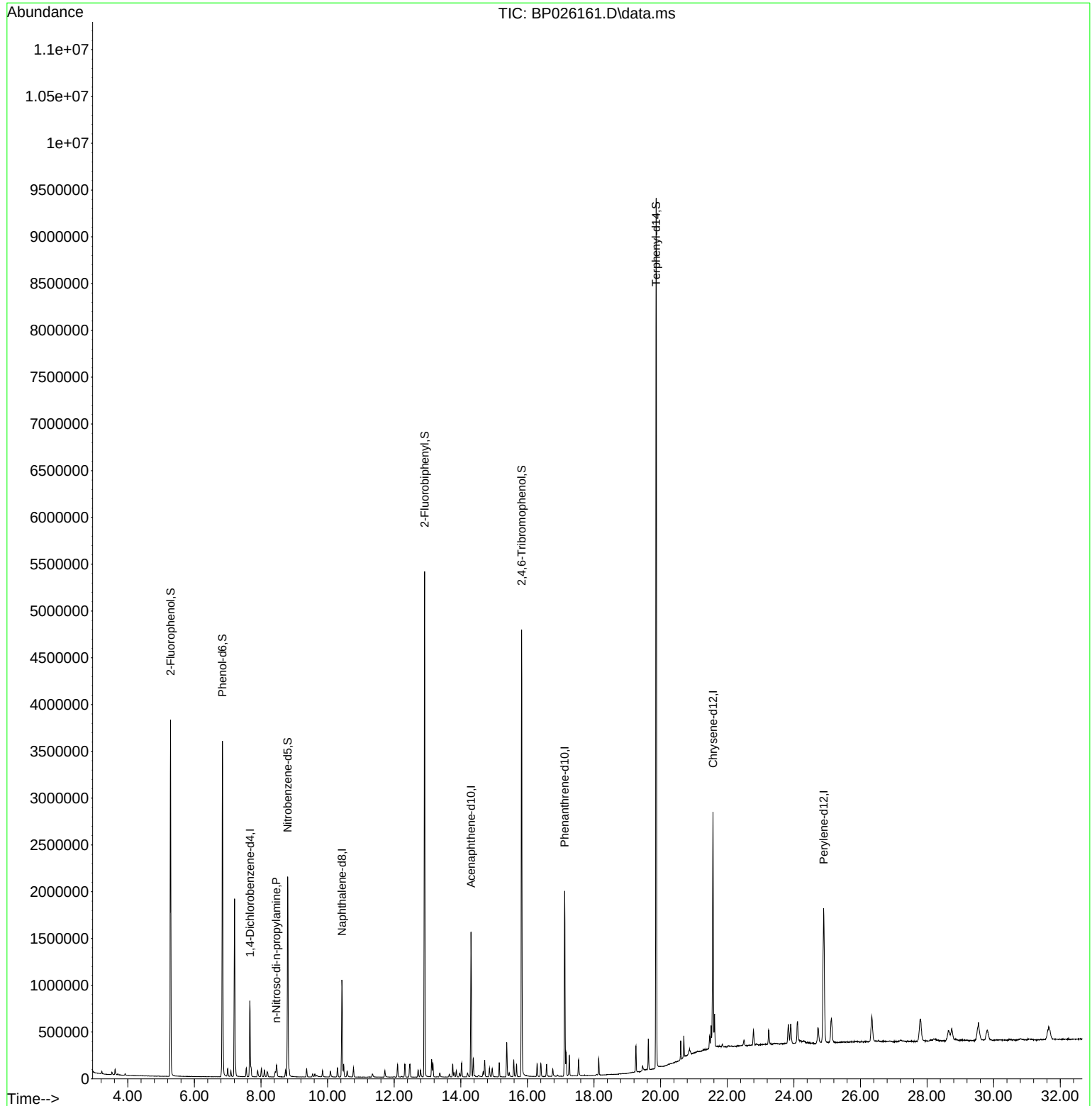
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	227573	20.000	ng	0.00
21) Naphthalene-d8	10.431	136	918716	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	585119	20.000	ng	-0.02
64) Phenanthrene-d10	17.119	188	1211850	20.000	ng	-0.01
76) Chrysene-d12	21.572	240	1394641	20.000	ng	0.00
86) 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						
19) n-Nitroso-di-n-propyla...	8.460	70	23843	2.126	ng	Qvalue 98

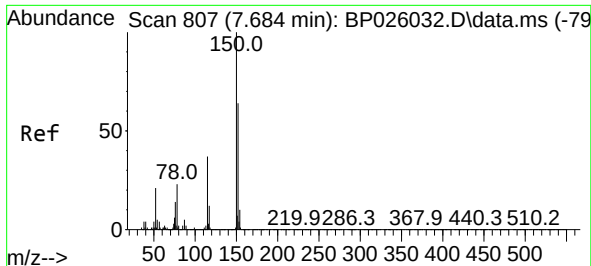
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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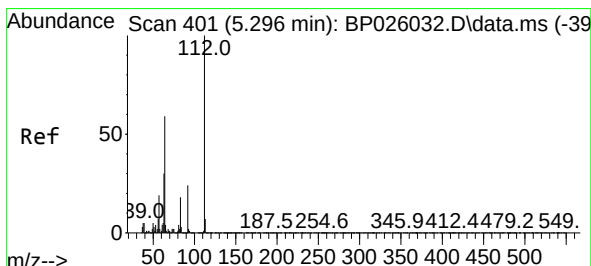
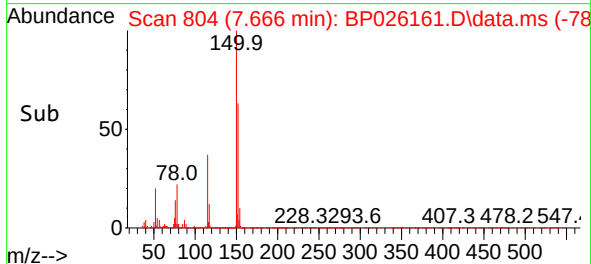
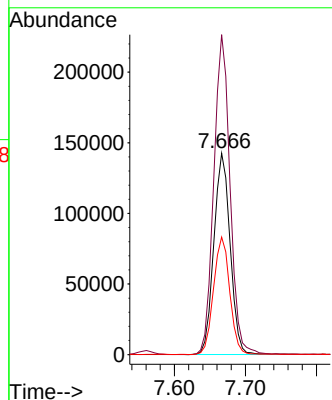
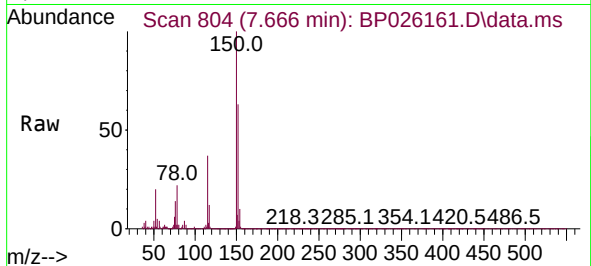




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

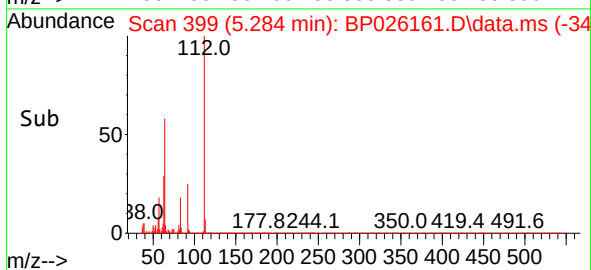
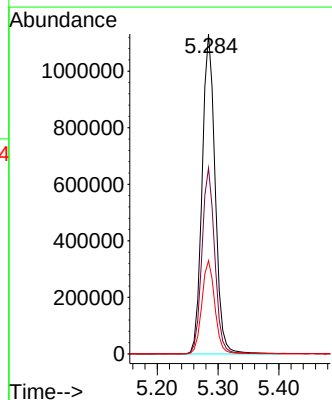
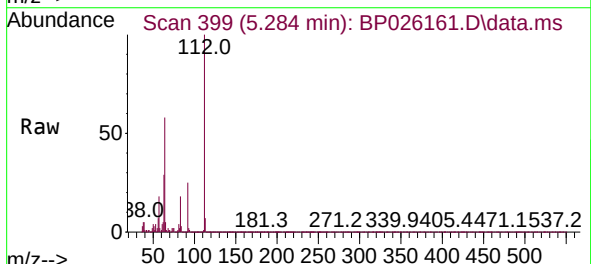
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

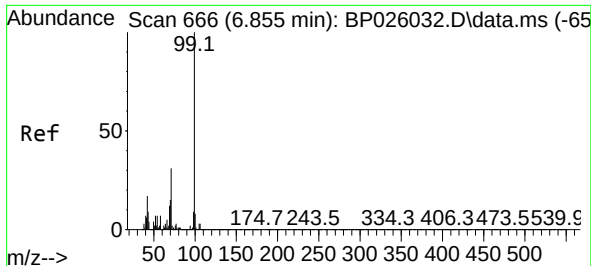
Tgt Ion:152 Resp: 227573
Ion Ratio Lower Upper
152 100
150 158.9 123.0 184.6
115 58.4 46.3 69.5



#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

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

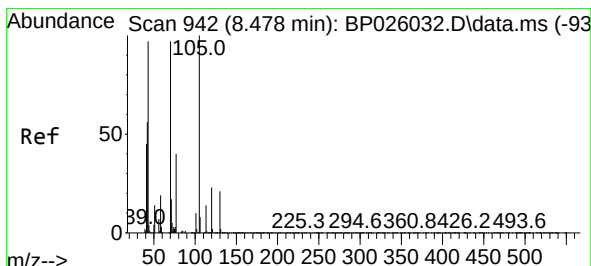
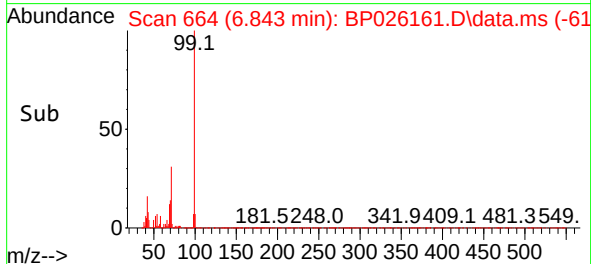
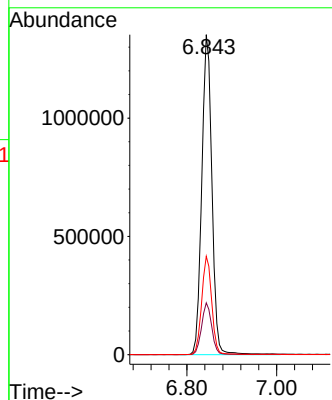
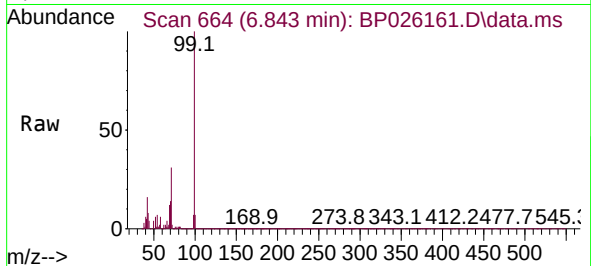




#7
Phenol-d6
Concen: 117.596 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

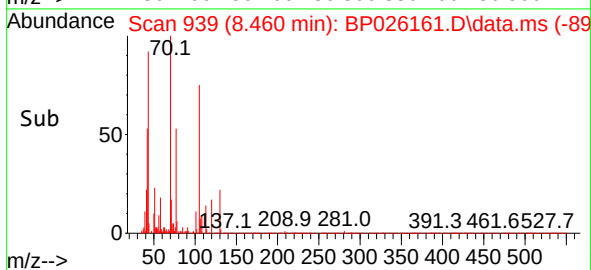
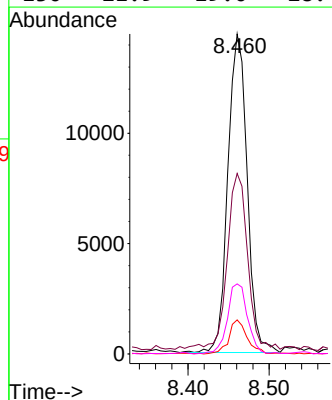
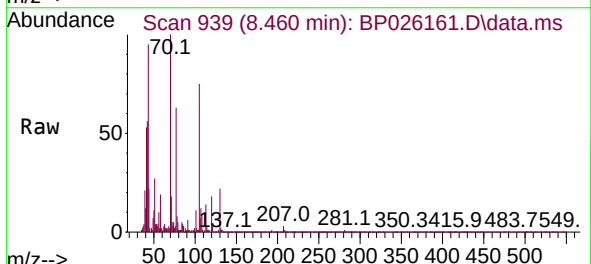
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

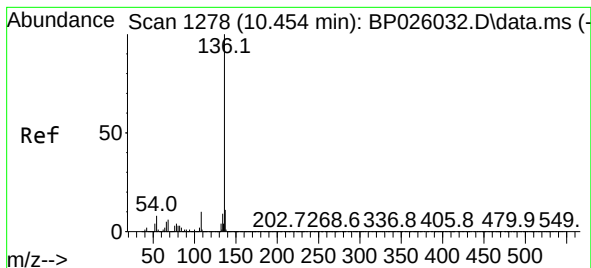
Tgt Ion: 99 Resp: 2122595
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 30.7 24.8 37.2



#19
n-Nitroso-di-n-propylamine
Concen: 2.126 ng
RT: 8.460 min Scan# 939
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

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

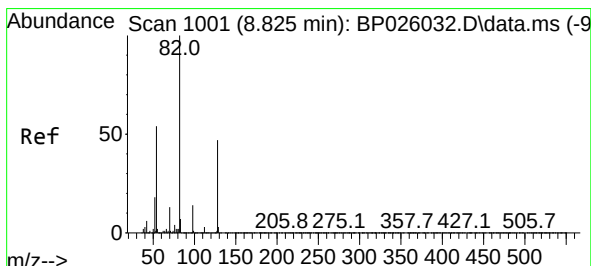
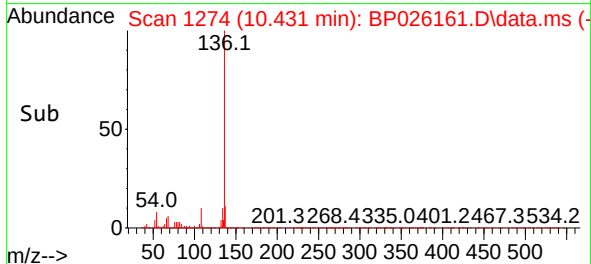
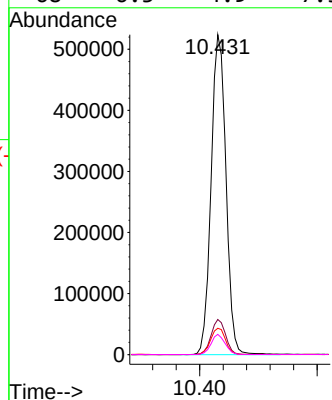
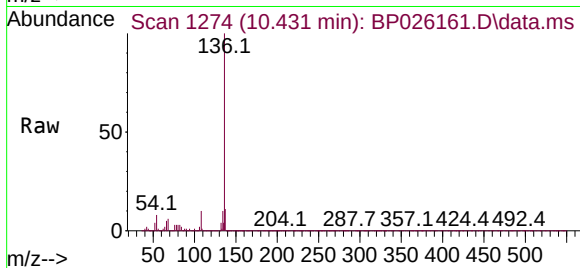




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

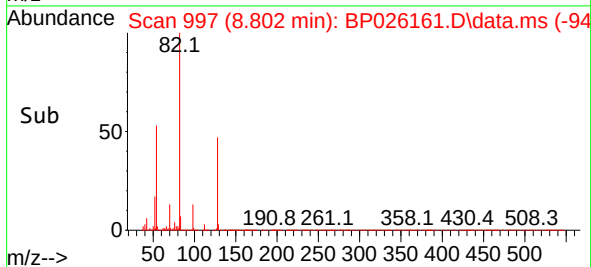
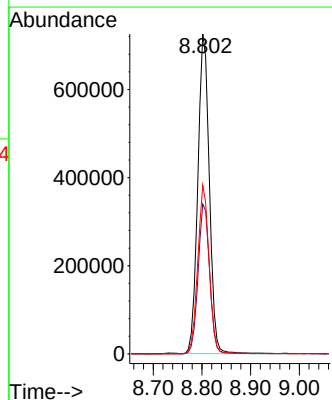
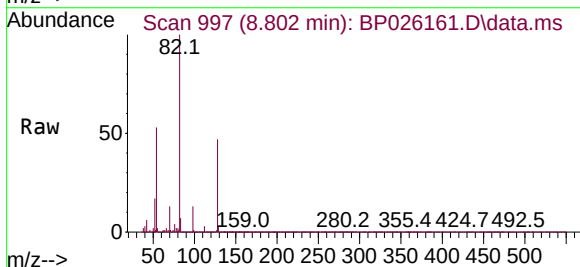
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

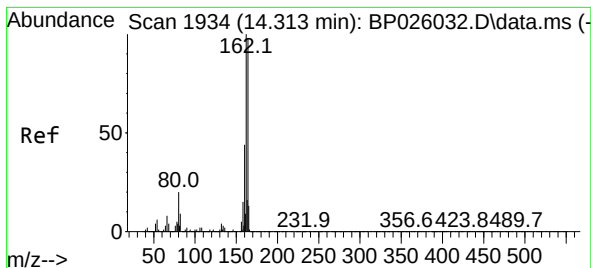
Tgt Ion:	136	Resp:	918716
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	8.2	6.4	9.6
68	6.3	4.9	7.3



#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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.307 min Scan# 1934

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

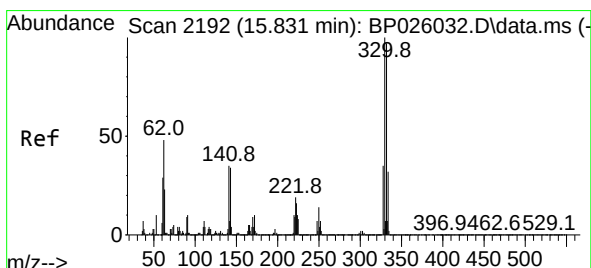
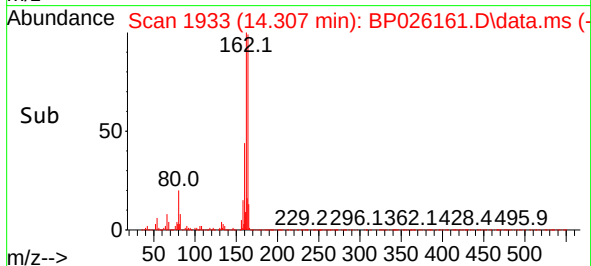
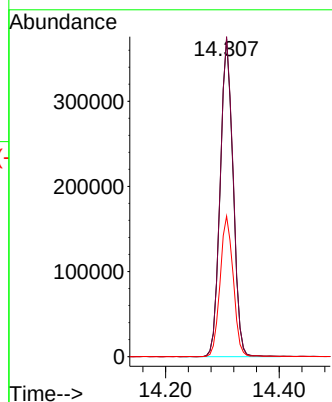
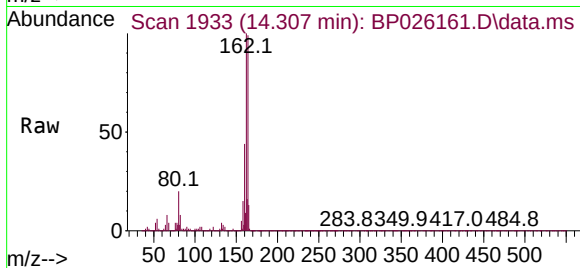
Tgt Ion:164 Resp: 585119

Ion Ratio Lower Upper

164 100

162 100.7 80.3 120.5

160 44.2 35.2 52.8



#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

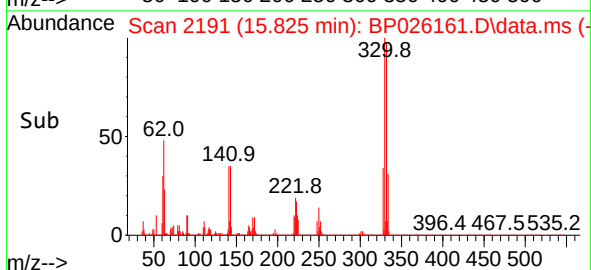
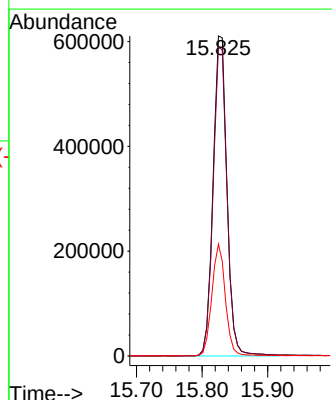
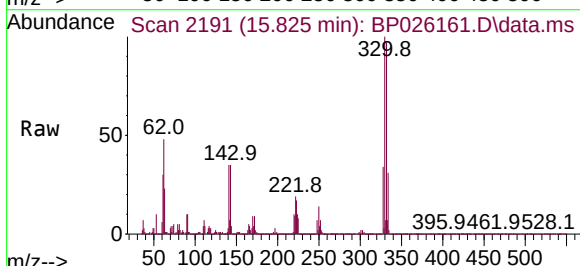
Tgt Ion:330 Resp: 901206

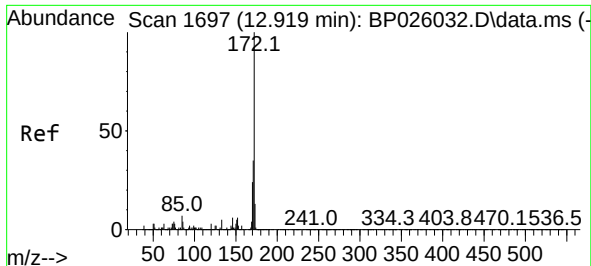
Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 34.1 26.8 40.2

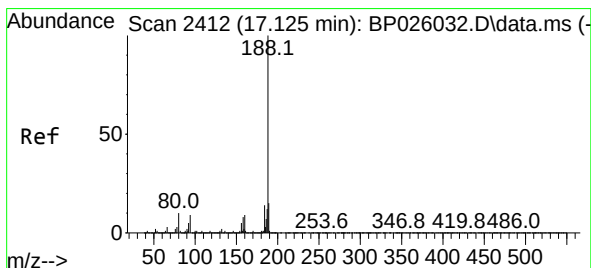
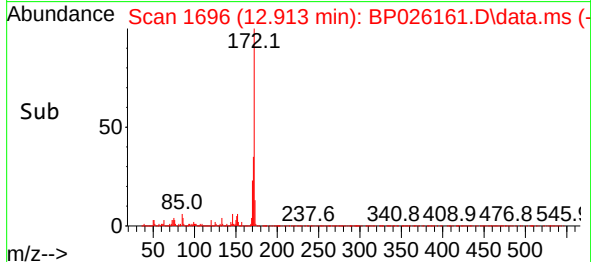
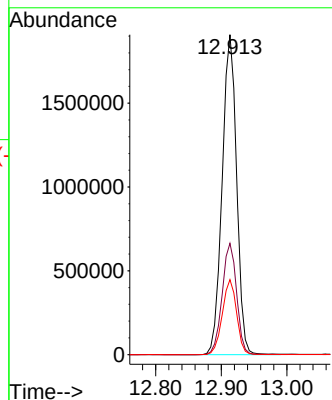
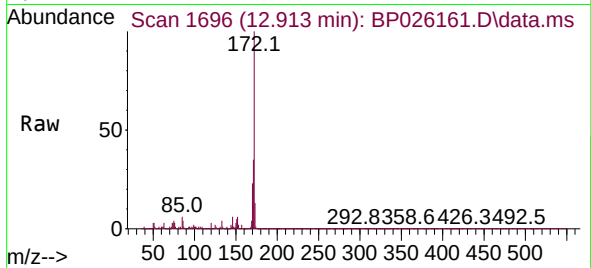




#45
2-Fluorobiphenyl
Concen: 73.429 ng
RT: 12.913 min Scan# 1697
Delta R.T. -0.017 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

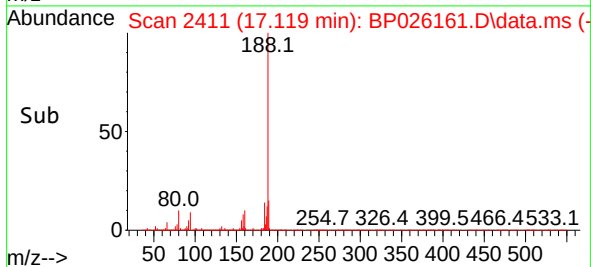
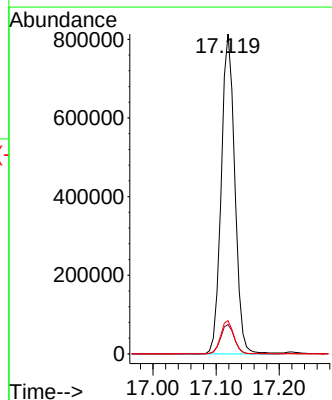
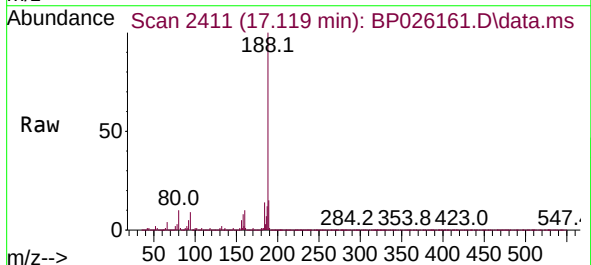
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

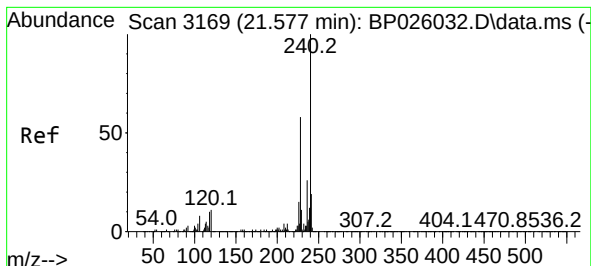
Tgt Ion:172 Resp: 2931566
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.4 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

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





#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

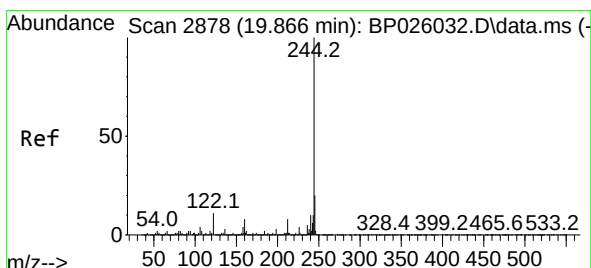
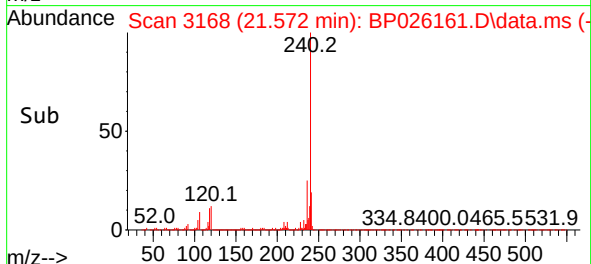
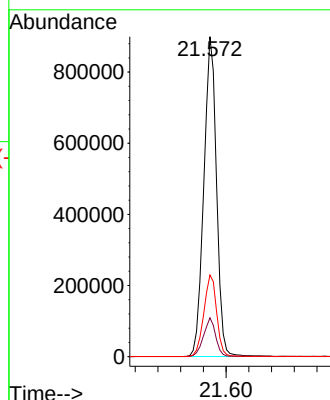
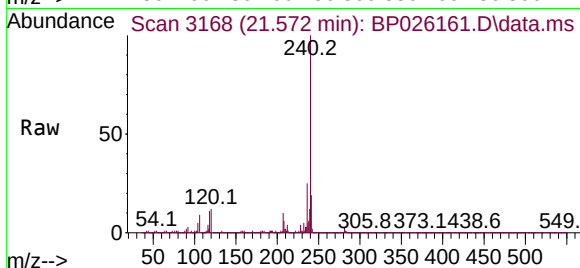
Tgt Ion:240 Resp: 1394641

Ion Ratio Lower Upper

240 100

120 12.1 9.0 13.4

236 25.5 20.4 30.6



#79

Terphenyl-d14

Concen: 70.236 ng

RT: 19.866 min Scan# 2878

Delta R.T. -0.006 min

Lab File: BP026161.D

Acq: 19 Nov 2025 16:52

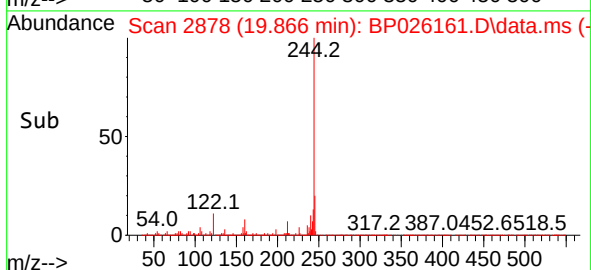
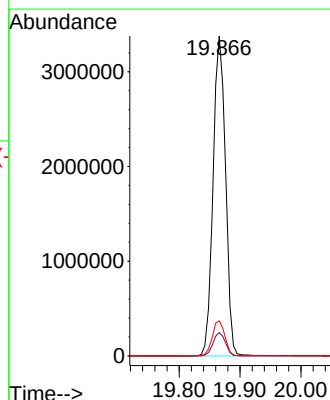
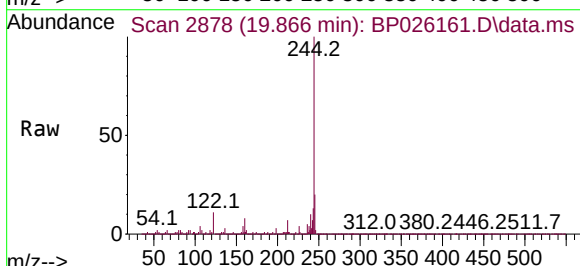
Tgt Ion:244 Resp: 4803875

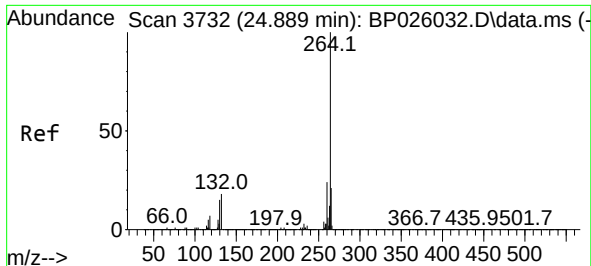
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.9 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.895 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP026161.D
Acq: 19 Nov 2025 16:52

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

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

