

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025361.D
 Acq On : 12 Aug 2025 10:49
 Operator : CG/JU
 Sample : PB169176BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169176BL

Quant Time: Aug 12 11:28:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

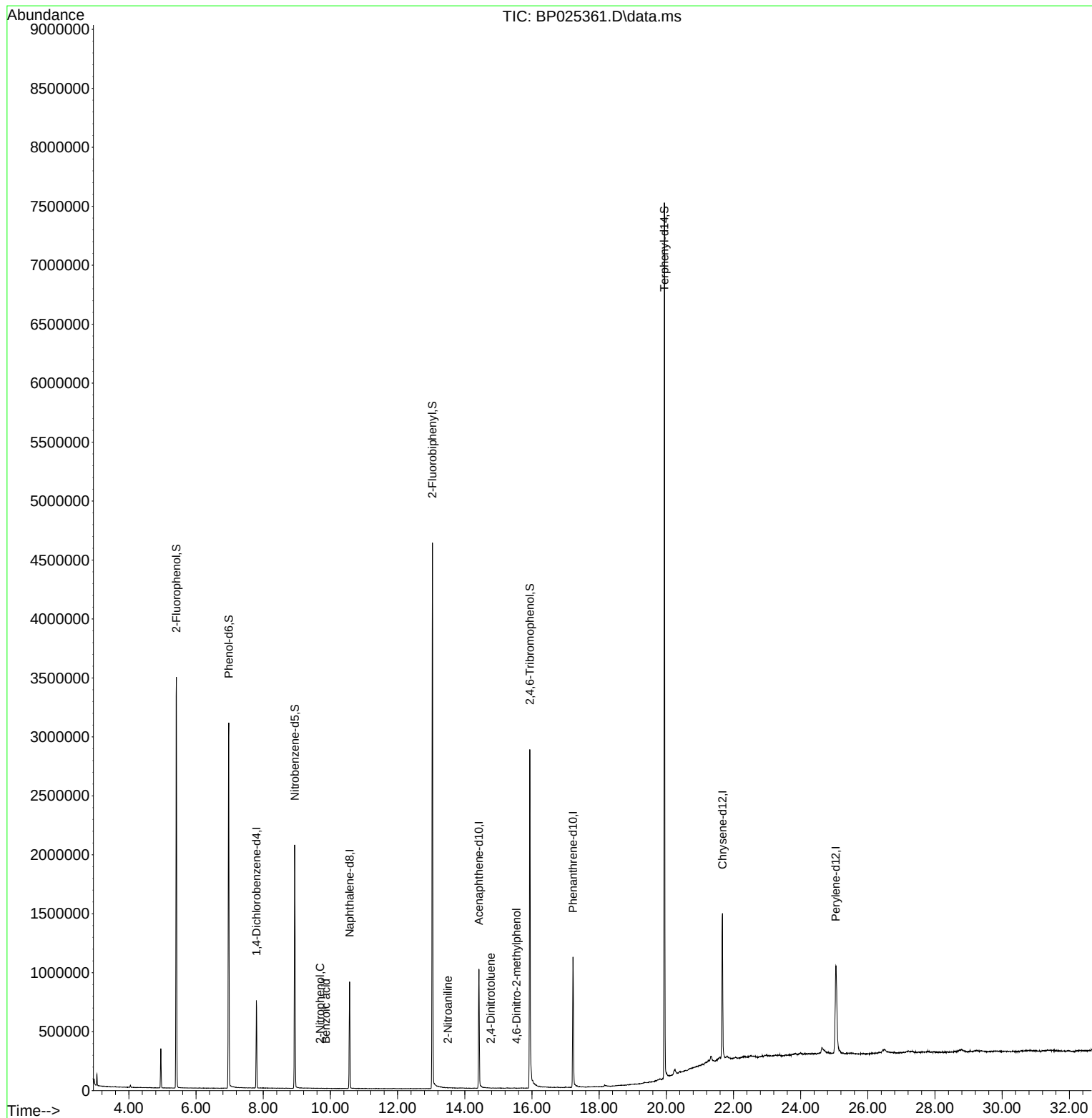
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	197203	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	745124	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	423004	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	795112	20.000	ng	0.00
76) Chrysene-d12	21.672	240	877135	20.000	ng	0.01
86) Perylene-d12	25.048	264	1062238	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1555358	126.853	ng	0.00
7) Phenol-d6	6.972	99	1802205	111.685	ng	0.00
23) Nitrobenzene-d5	8.937	82	1157520	86.063	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	598373	141.796	ng	0.01
45) 2-Fluorobiphenyl	13.037	172	2546842	83.160	ng	0.00
79) Terphenyl-d14	19.942	244	3802266	81.876	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.690	139	13	3.640	ng	# 1
32) Benzoic acid	9.861	122	136	5.974	ng	# 1
48) 2-Nitroaniline	13.496	65	157	2.985	ng	# 26
57) 2,4-Dinitrotoluene	14.772	165	193	3.275	ng	# 70
65) 4,6-Dinitro-2-methylph...	15.543	198	26	4.843	ng	# 1

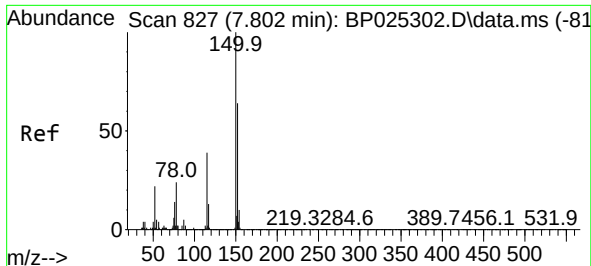
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025361.D
Acq On : 12 Aug 2025 10:49
Operator : CG/JU
Sample : PB169176BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169176BL

Quant Time: Aug 12 11:28:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

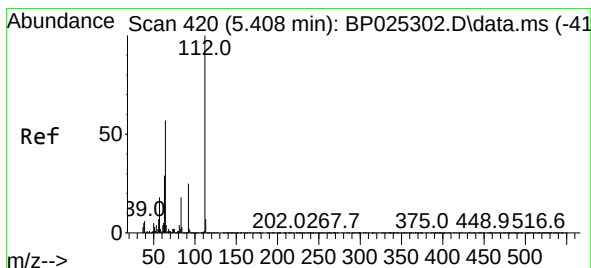
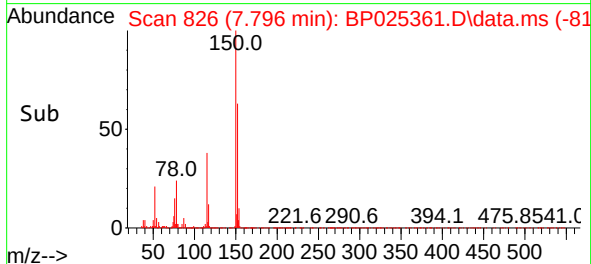
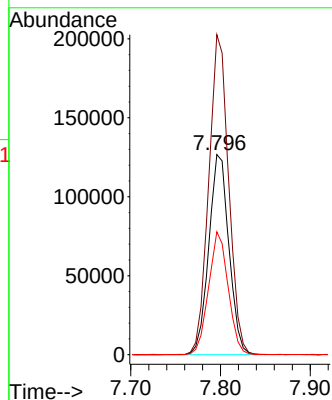
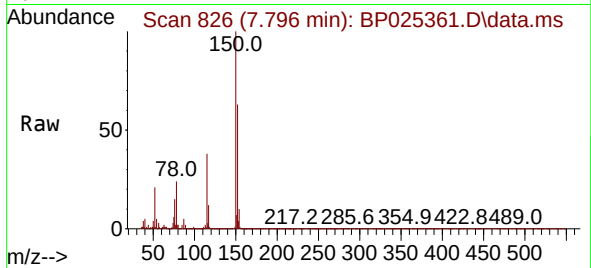




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

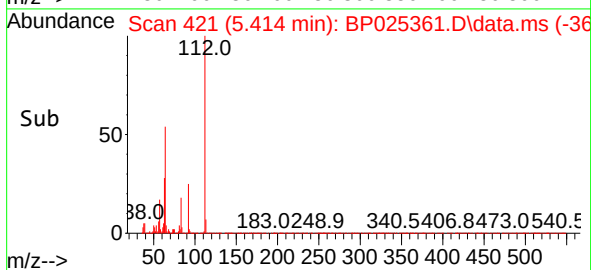
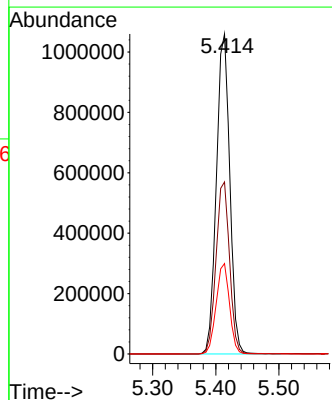
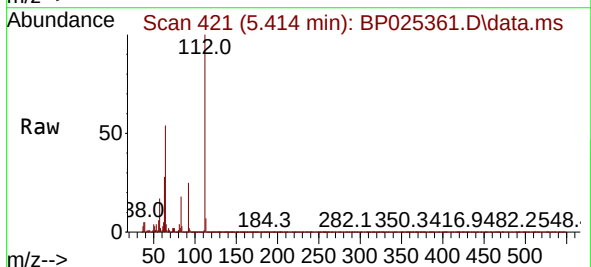
Instrument :
BNA_P
ClientSampleId :
PB169176BL

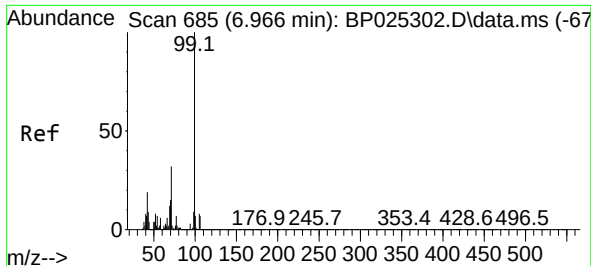
Tgt Ion:152 Resp: 197203
Ion Ratio Lower Upper
152 100
150 159.9 125.1 187.7
115 61.4 48.4 72.6



#5
2-Fluorophenol
Concen: 126.853 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:112 Resp: 1555358
Ion Ratio Lower Upper
112 100
64 53.8 45.3 67.9
63 28.2 23.0 34.6

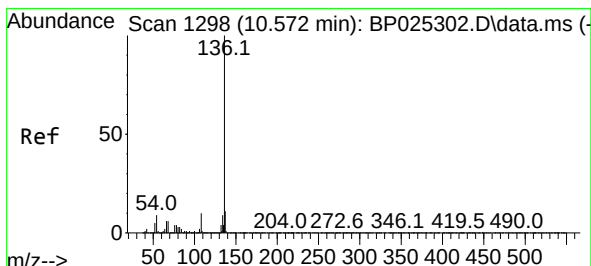
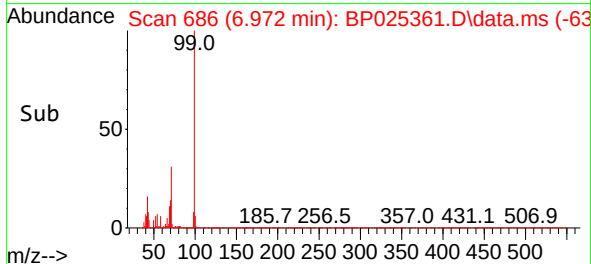
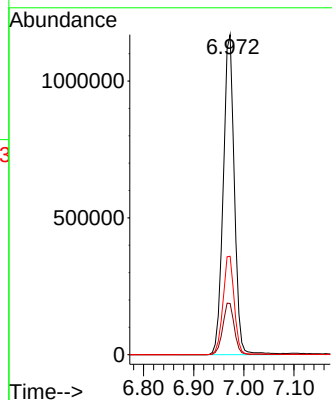
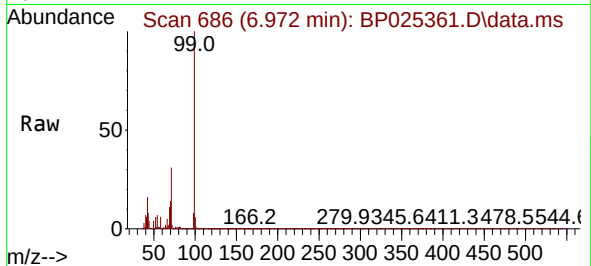




#7
Phenol-d6
Concen: 111.685 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

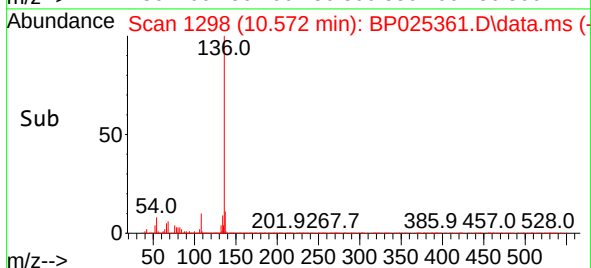
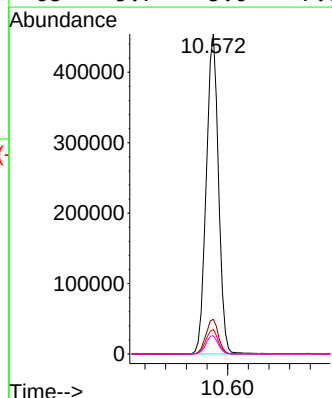
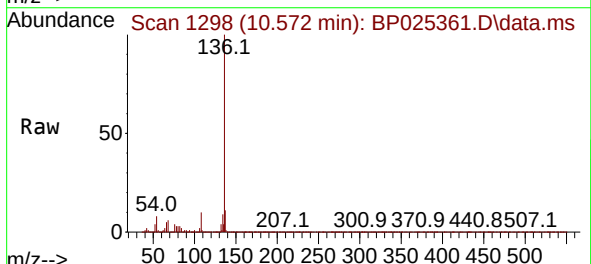
Instrument :
BNA_P
ClientSampleId :
PB169176BL

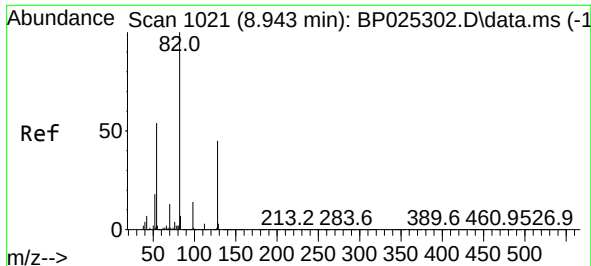
Tgt Ion: 99 Resp: 1802205
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.6
71 30.7 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:136 Resp: 745124
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.6 7.0 10.6
68 5.7 5.0 7.6

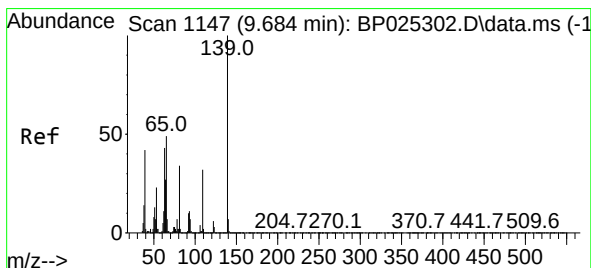
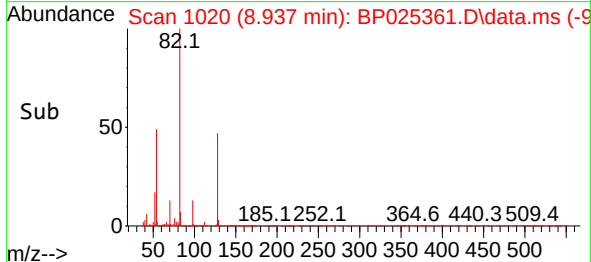
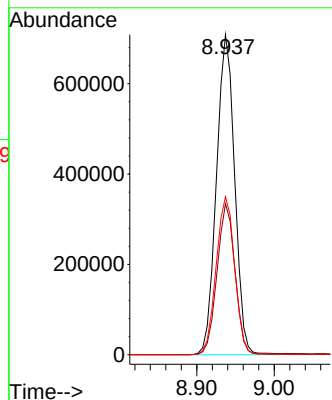
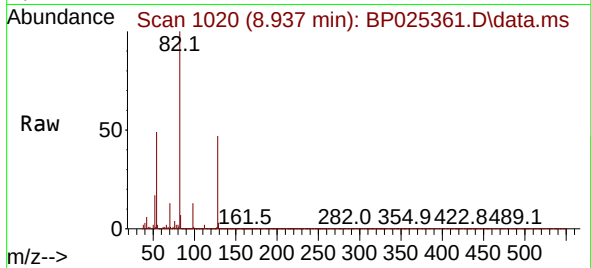




#23
Nitrobenzene-d5
Concen: 86.063 ng
RT: 8.937 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

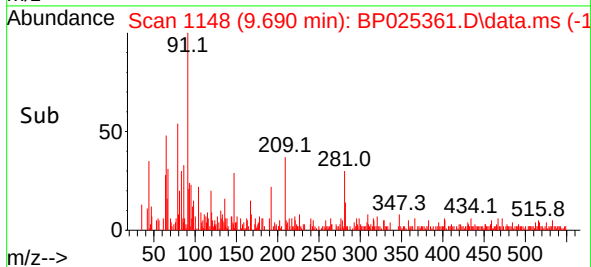
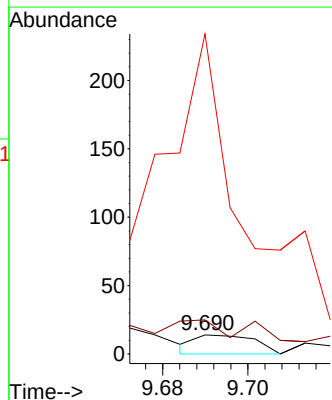
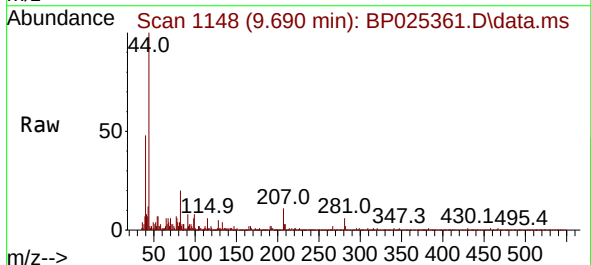
Instrument :
BNA_P
ClientSampleId :
PB169176BL

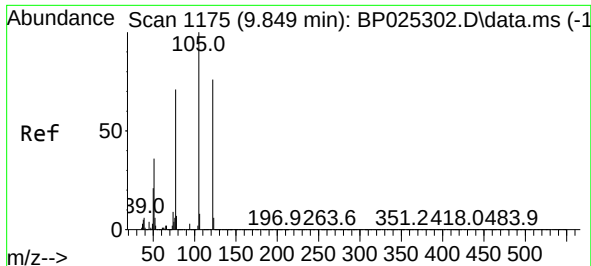
Tgt Ion: 82 Resp: 1157520
Ion Ratio Lower Upper
82 100
128 47.2 35.4 53.2
54 49.3 42.9 64.3



#26
2-Nitrophenol
Concen: 3.640 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:139 Resp: 13
Ion Ratio Lower Upper
139 100
109 178.6 25.2 37.8#
65 1671.4 39.6 59.4#

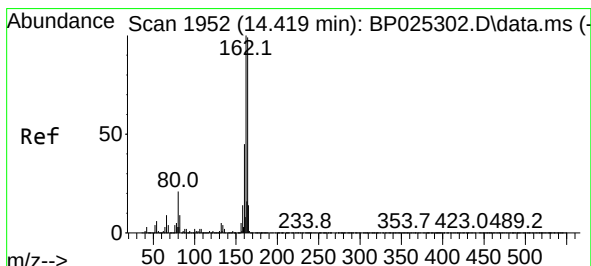
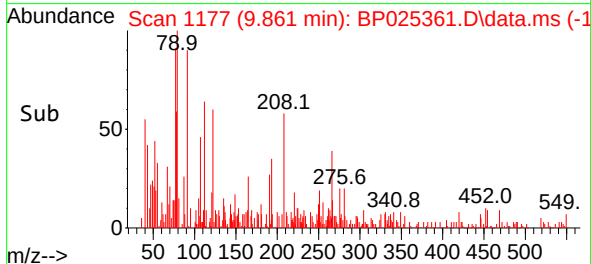
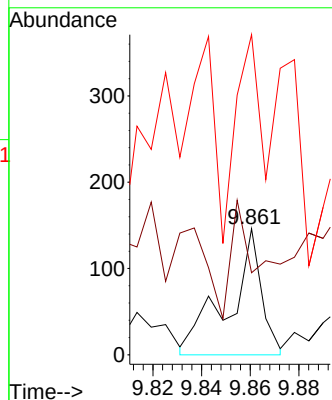
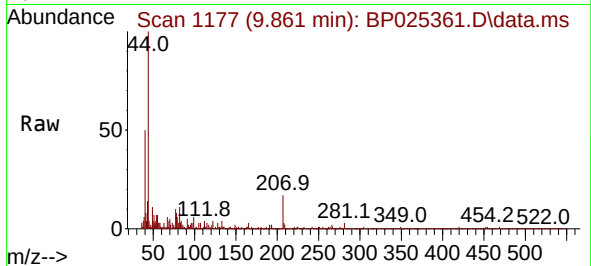




#32
Benzoic acid
Concen: 5.974 ng
RT: 9.861 min Scan# 1175
Delta R.T. 0.011 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

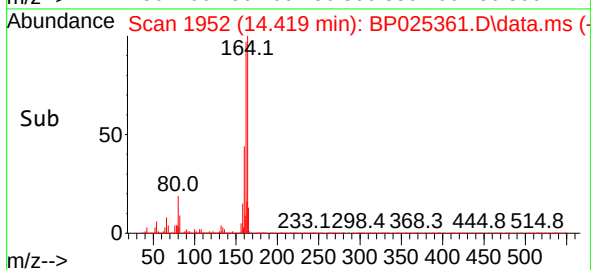
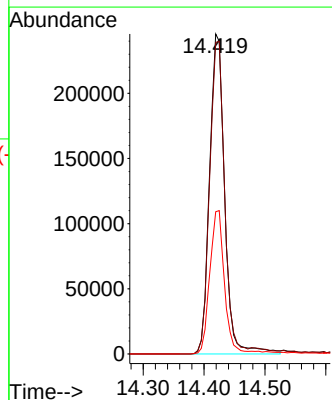
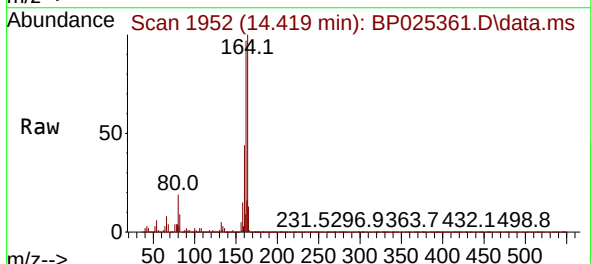
Instrument :
BNA_P
ClientSampleId :
PB169176BL

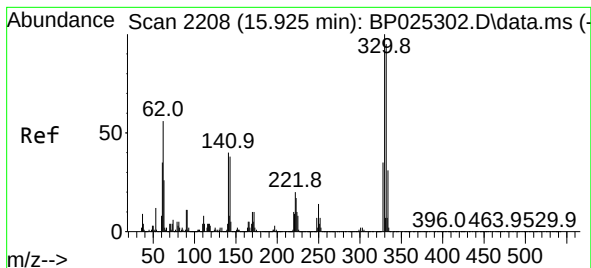
Tgt Ion:122 Resp: 136
Ion Ratio Lower Upper
122 100
105 65.1 104.0 144.0#
77 254.1 71.8 111.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:164 Resp: 423004
Ion Ratio Lower Upper
164 100
162 97.3 80.6 120.8
160 44.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 141.796 ng

RT: 15.937 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025361.D

Acq: 12 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

PB169176BL

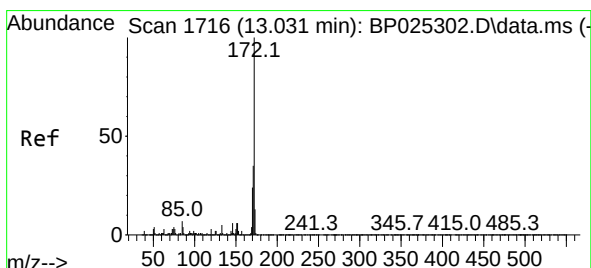
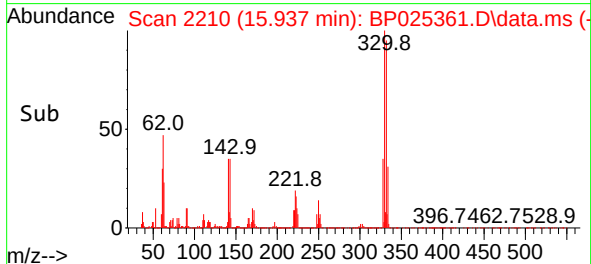
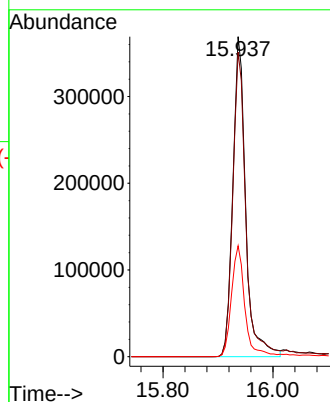
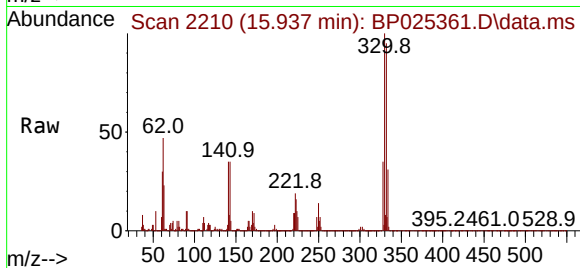
Tgt Ion:330 Resp: 598373

Ion Ratio Lower Upper

330 100

332 101.1 77.4 116.0

141 36.9 31.7 47.5



#45

2-Fluorobiphenyl

Concen: 83.160 ng

RT: 13.037 min Scan# 1717

Delta R.T. 0.006 min

Lab File: BP025361.D

Acq: 12 Aug 2025 10:49

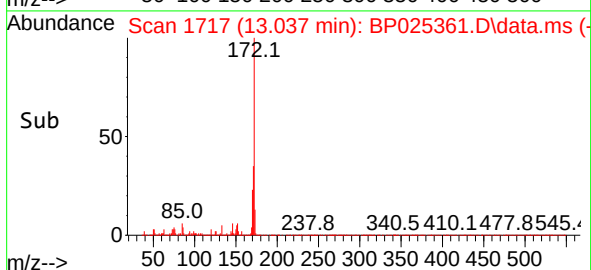
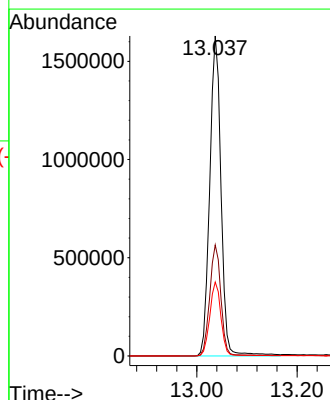
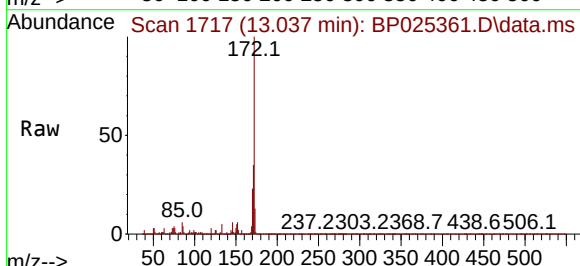
Tgt Ion:172 Resp: 2546842

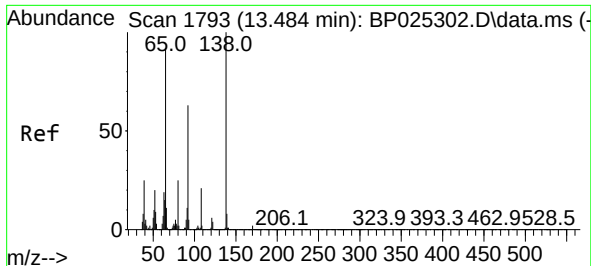
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.1 18.9 28.3

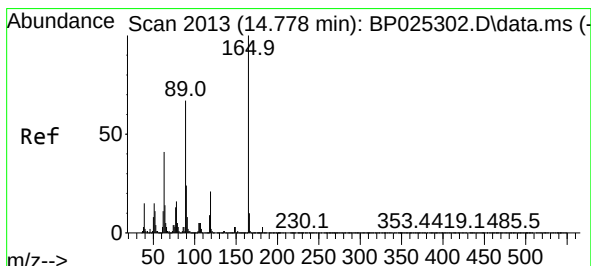
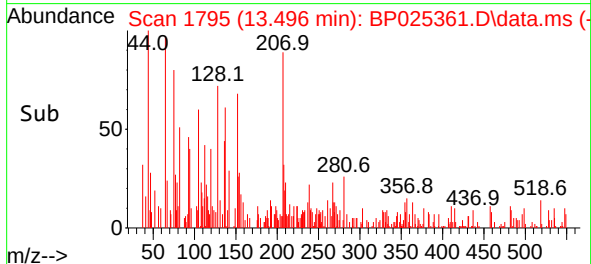
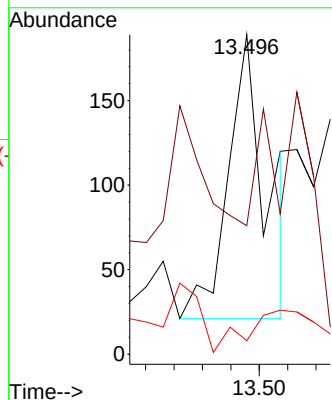
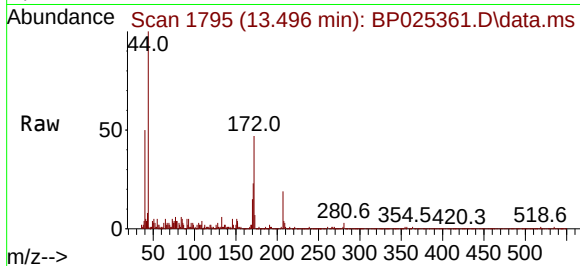




#48
2-Nitroaniline
Concen: 2.985 ng
RT: 13.496 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

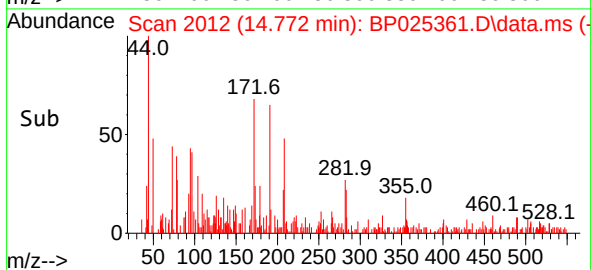
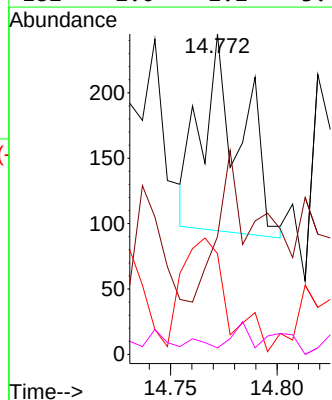
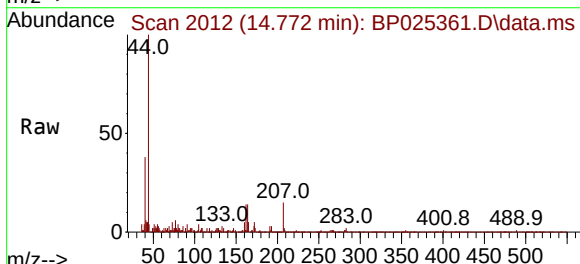
Instrument :
BNA_P
ClientSampleId :
PB169176BL

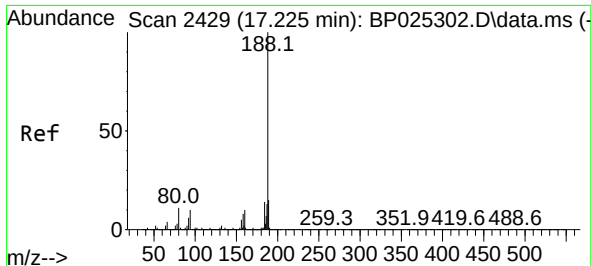
Tgt Ion: 65 Resp: 157
Ion Ratio Lower Upper
65 100
92 40.2 54.4 81.6#
138 4.2 87.0 130.4#



#57
2,4-Dinitrotoluene
Concen: 3.275 ng
RT: 14.772 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion: 165 Resp: 193
Ion Ratio Lower Upper
165 100
63 36.7 33.2 49.8
89 31.4 53.5 80.3#
182 2.0 2.2 3.4#

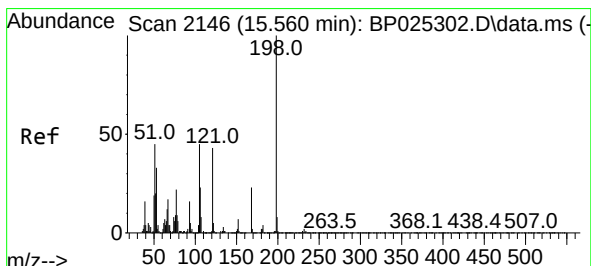
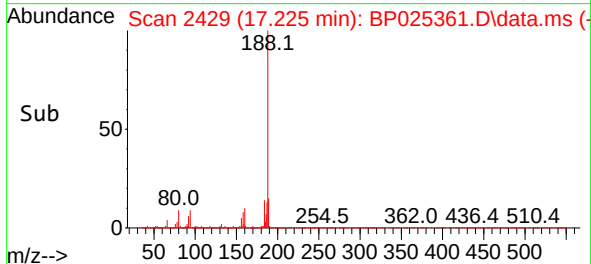
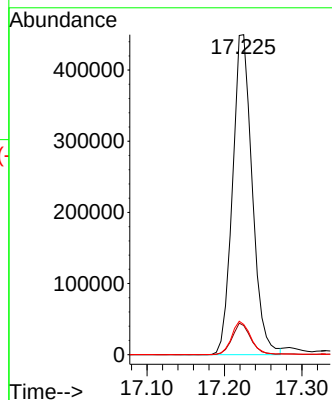
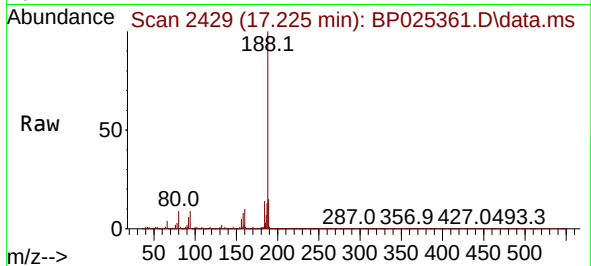




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

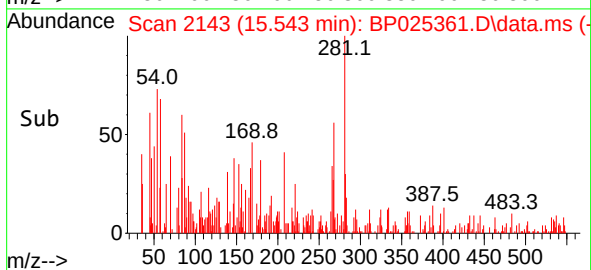
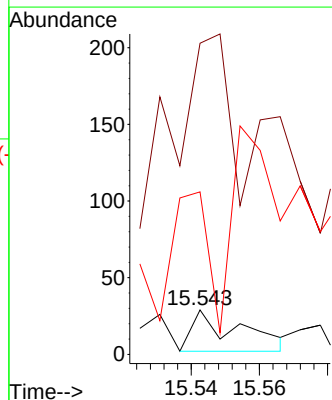
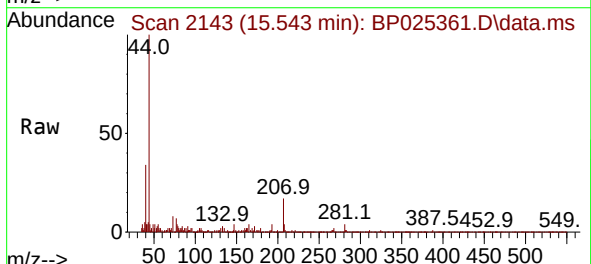
Instrument :
BNA_P
ClientSampleId :
PB169176BL

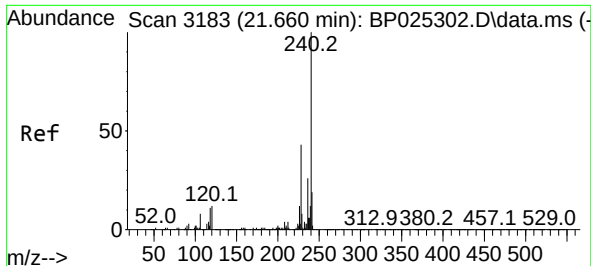
Tgt Ion:188 Resp: 795112
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.5 8.5 12.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.843 ng
RT: 15.543 min Scan# 2143
Delta R.T. -0.017 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
51 700.0 26.7 66.7#
105 365.5 25.6 65.6#

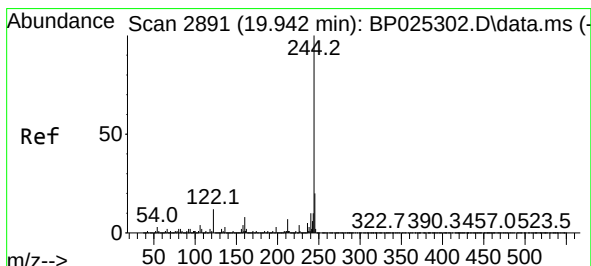
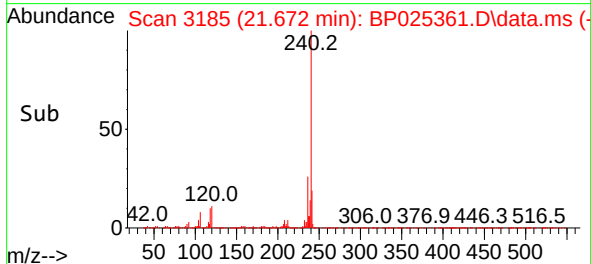
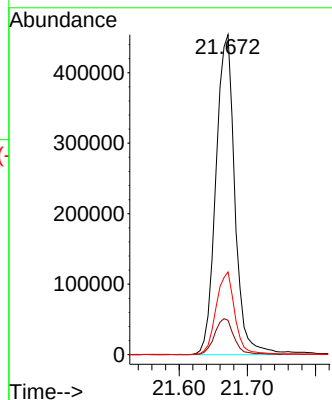
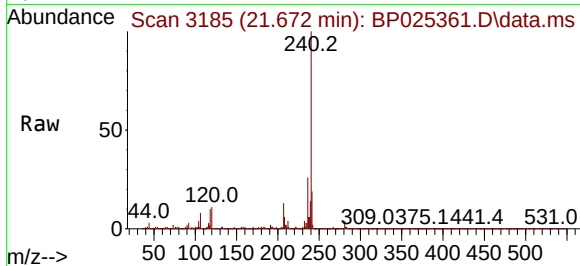




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.672 min Scan# 3185
Delta R.T. 0.012 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

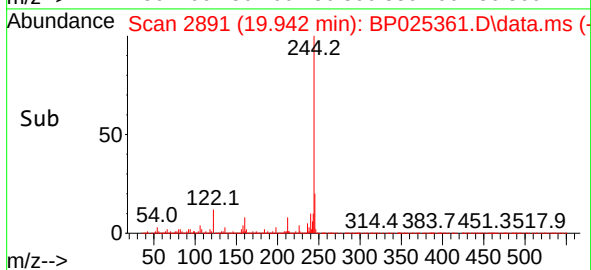
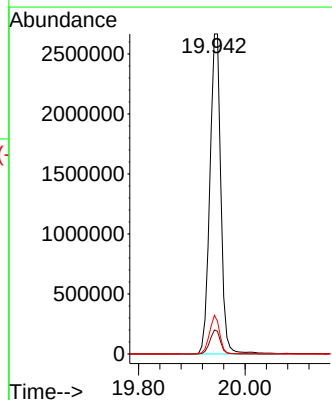
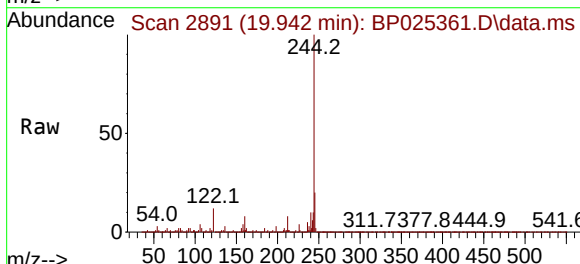
Instrument :
BNA_P
ClientSampleId :
PB169176BL

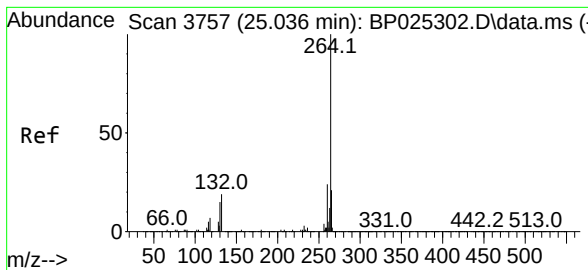
Tgt Ion:240 Resp: 877135
Ion Ratio Lower Upper
240 100
120 10.8 9.6 14.4
236 25.9 20.4 30.6



#79
Terphenyl-d14
Concen: 81.876 ng
RT: 19.942 min Scan# 2891
Delta R.T. 0.000 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

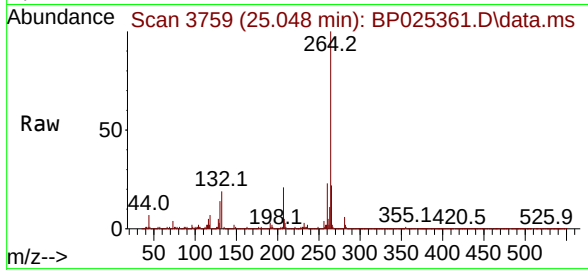
Tgt Ion:244 Resp: 3802266
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 12.1 9.5 14.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.048 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Instrument :
BNA_P
ClientSampleId :
PB169176BL



Tgt Ion: 264 Resp: 1062238

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	17.1	25.7

