

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
 Data File : BP025012.D
 Acq On : 19 Jun 2025 22:34
 Operator : RC/JU
 Sample : Q2355-03 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20071

Quant Time: Jun 20 01:16:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

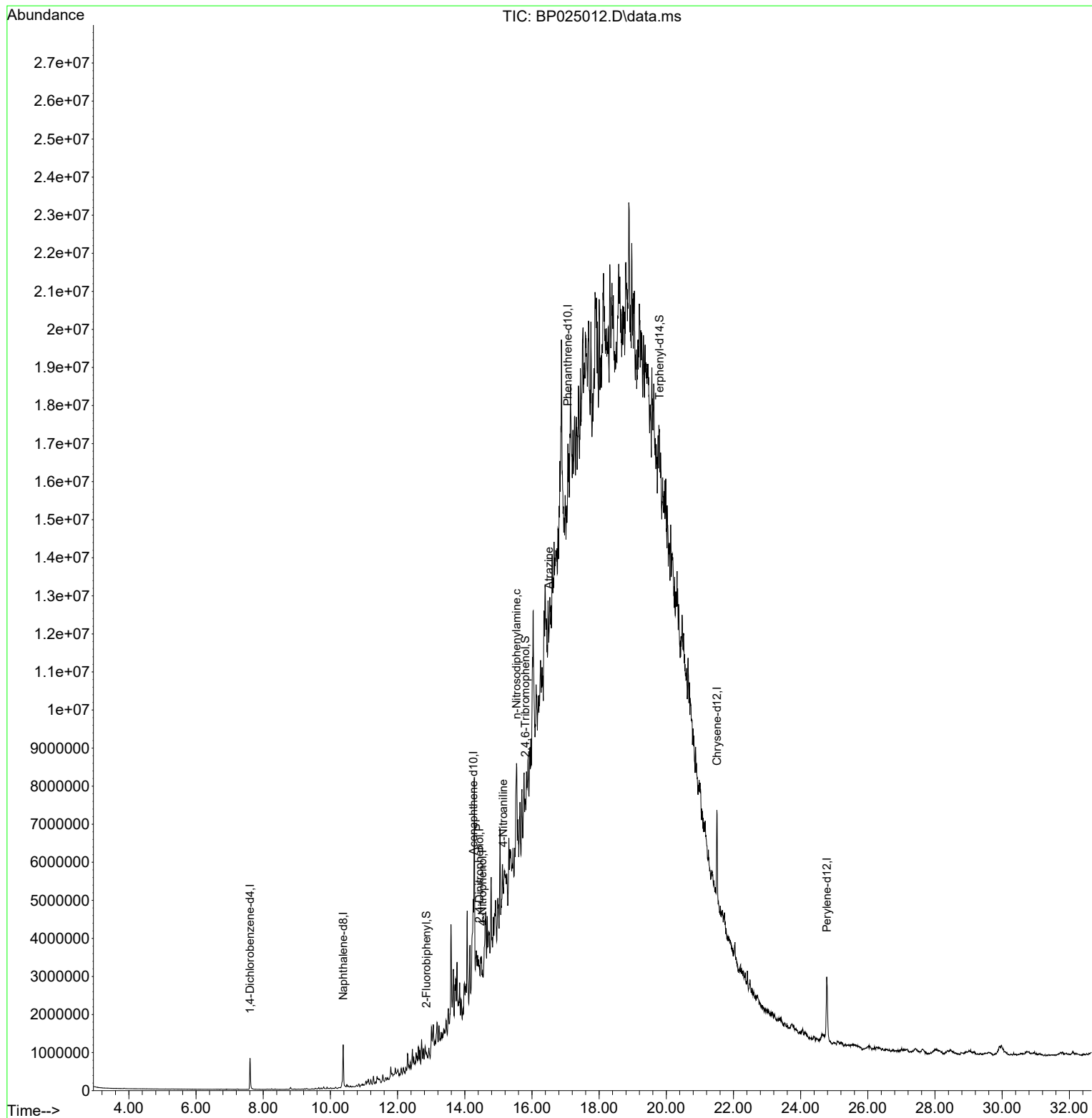
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	248256	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	969153	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	596275	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1054143	20.000	ng	# 0.00
76) Chrysene-d12	21.507	240	1468956	20.000	ng	0.02
86) Perylene-d12	24.777	264	1789379	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	4574	0.308	ng	0.04
7) Phenol-d6	6.908	99	8810	0.448	ng	0.09
23) Nitrobenzene-d5	8.796	82	12799	0.642	ng	0.04
42) 2,4,6-Tribromophenol	15.801	330	29082	3.528	ng	0.02
45) 2-Fluorobiphenyl	12.854	172	96407	2.178	ng	0.00
79) Terphenyl-d14	19.801	244	186324	2.273	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.431	184	1625	5.808	ng	# 1
56) 4-Nitrophenol	14.525	139	4660	5.931	ng	# 1
62) 4-Nitroaniline	15.143	138	54136	6.067	ng	90
66) n-Nitrosodiphenylamine	15.543	169	67808	2.075	ng	# 78
69) Atrazine	16.507	200	45332	3.827	ng	# 11

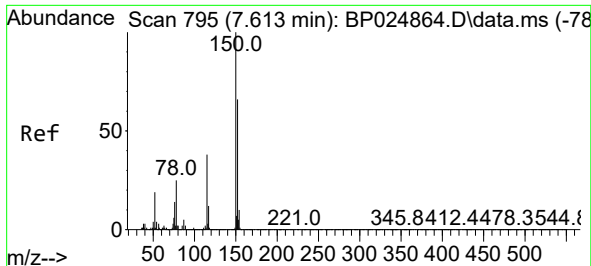
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025012.D
Acq On : 19 Jun 2025 22:34
Operator : RC/JU
Sample : Q2355-03 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20071

Quant Time: Jun 20 01:16:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

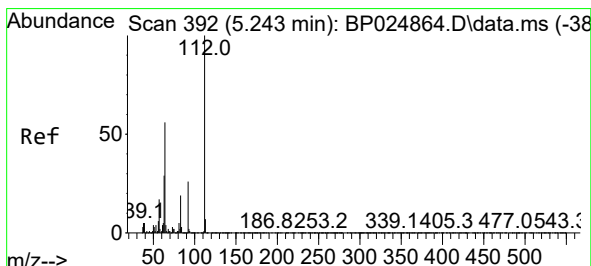
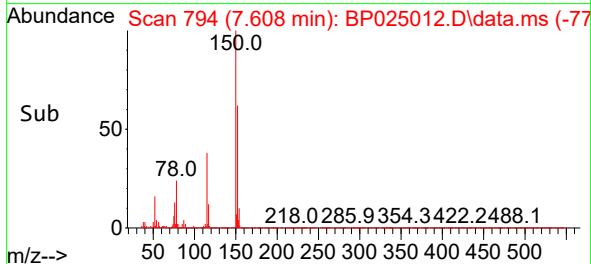
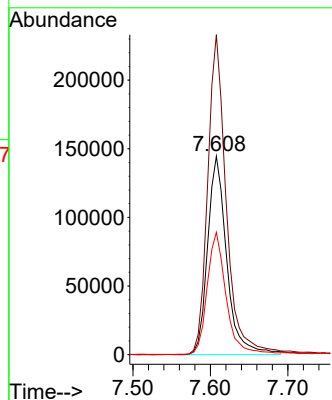
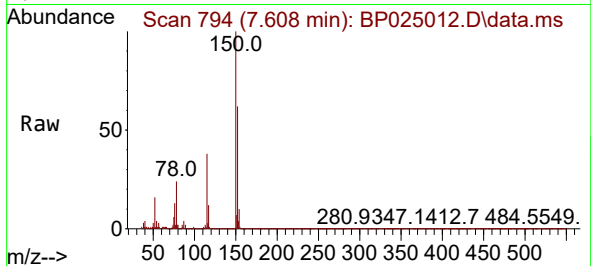




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

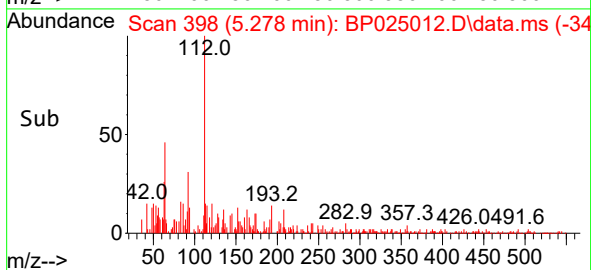
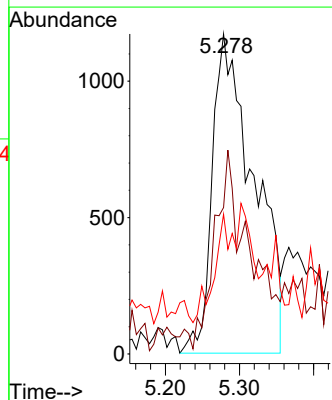
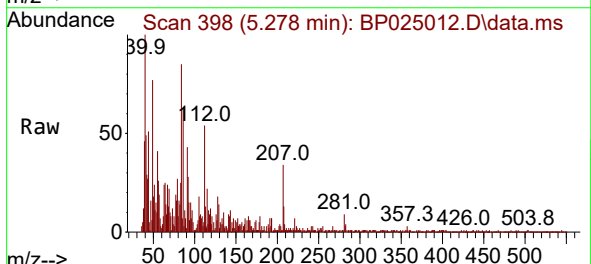
Instrument :
BNA_P
ClientSampleId :
20071

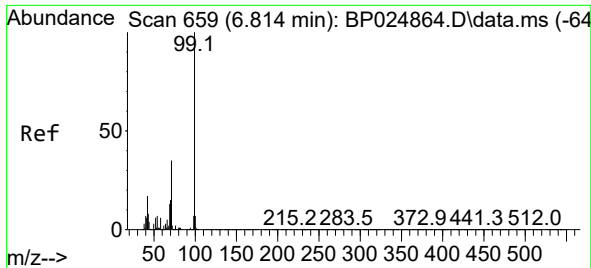
Tgt Ion:152 Resp: 248256
Ion Ratio Lower Upper
152 100
150 161.3 122.1 183.1
115 61.7 46.4 69.6



#5
2-Fluorophenol
Concen: 0.308 ng
RT: 5.278 min Scan# 398
Delta R.T. 0.035 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

Tgt Ion:112 Resp: 4574
Ion Ratio Lower Upper
112 100
64 45.8 44.7 67.1
63 43.6 23.5 35.3#

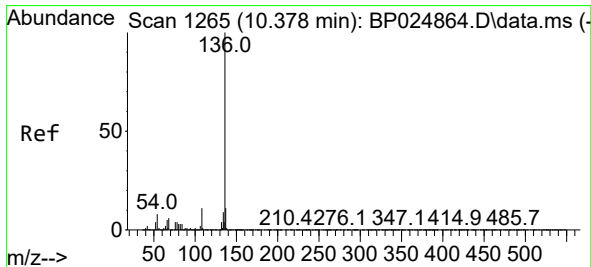
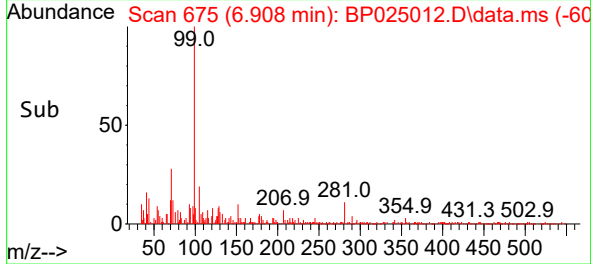
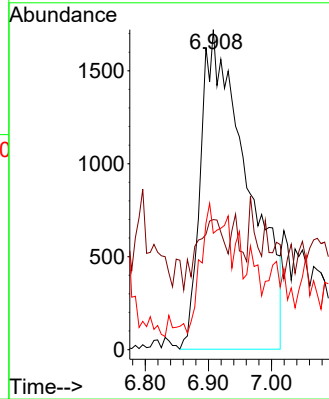
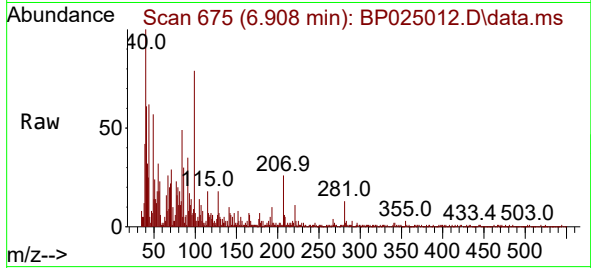




#7
Phenol-d6
Concen: 0.448 ng
RT: 6.908 min Scan# 61
Delta R.T. 0.094 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

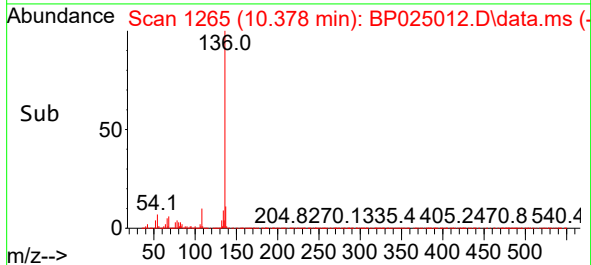
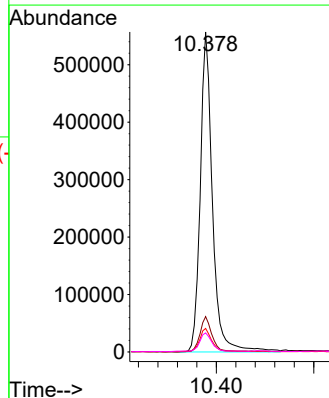
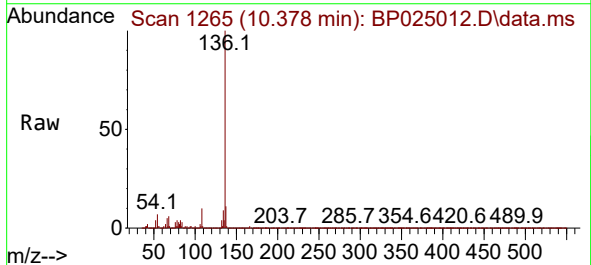
Instrument :
BNA_P
ClientSampleId :
20071

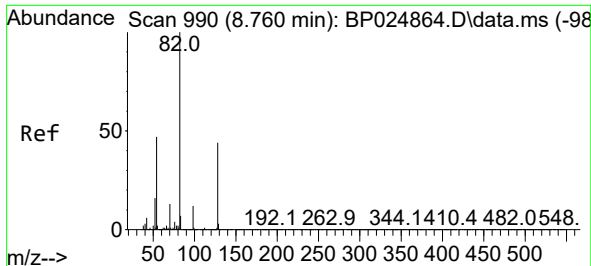
Tgt Ion: 99 Resp: 8810
Ion Ratio Lower Upper
99 100
42 40.6 13.4 20.2#
71 36.4 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

Tgt Ion:136 Resp: 969153
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 6.1 9.1
68 5.9 4.6 7.0

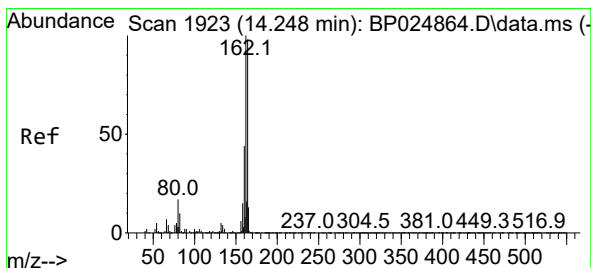
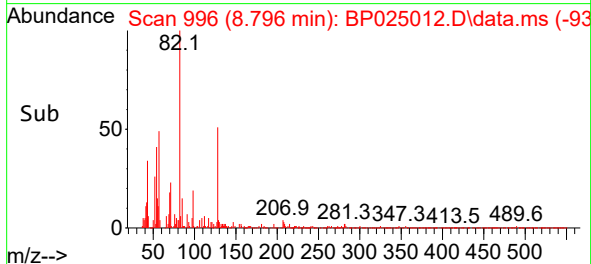
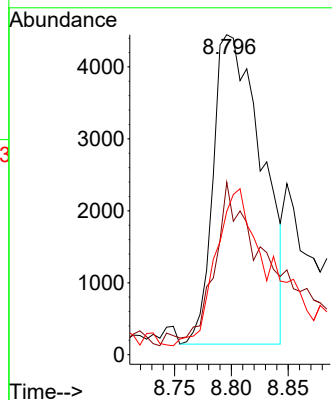
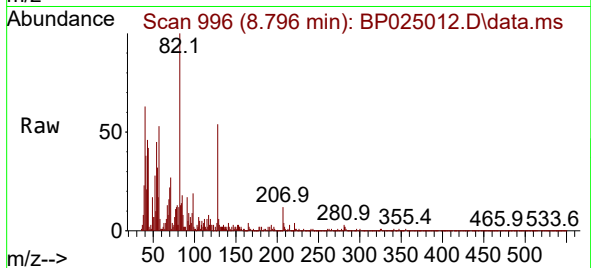




#23
Nitrobenzene-d5
Concen: 0.642 ng
RT: 8.796 min Scan# 991
Delta R.T. 0.035 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

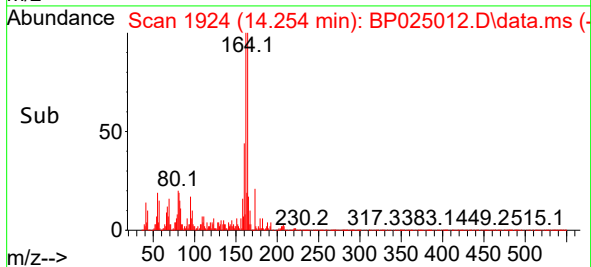
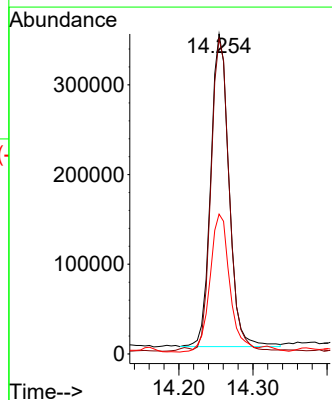
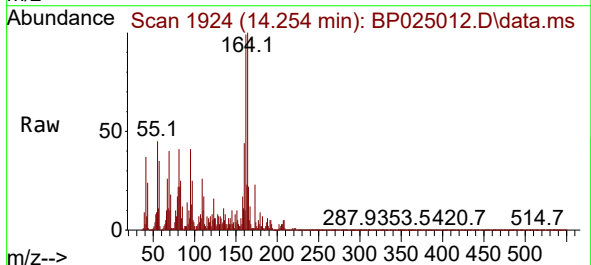
Instrument :
BNA_P
ClientSampleId :
20071

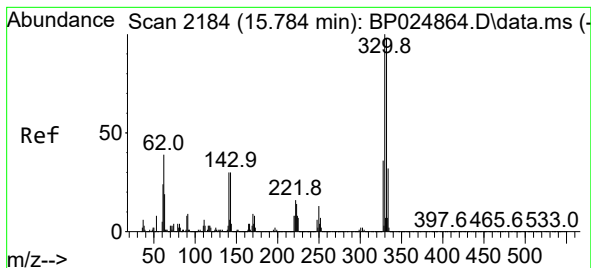
Tgt Ion: 82 Resp: 12799
Ion Ratio Lower Upper
82 100
128 53.9 35.3 52.9#
54 44.7 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

Tgt Ion:164 Resp: 596275
Ion Ratio Lower Upper
164 100
162 98.5 81.6 122.4
160 43.7 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 3.528 ng

RT: 15.801 min Scan# 2184

Delta R.T. 0.018 min

Lab File: BP025012.D

Acq: 19 Jun 2025 22:34

Instrument :

BNA_P

ClientSampleId :

20071

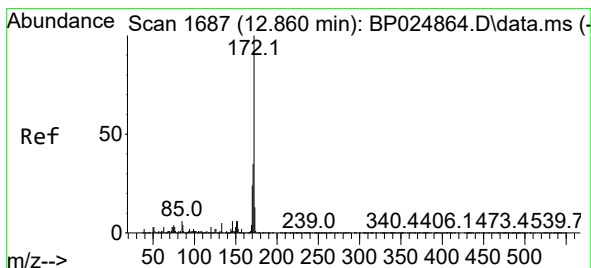
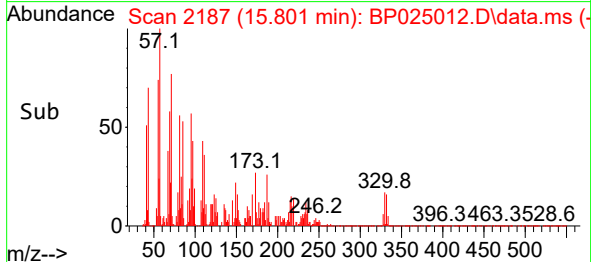
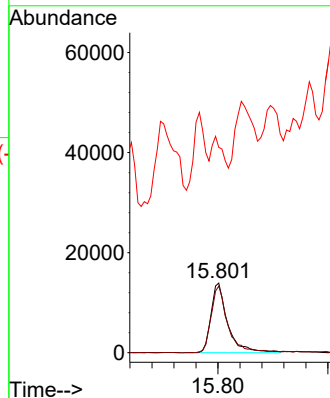
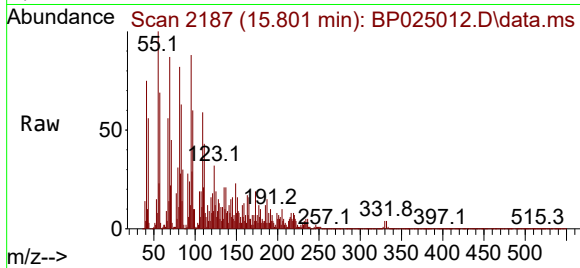
Tgt Ion:330 Resp: 29082

Ion Ratio Lower Upper

330 100

332 95.1 77.7 116.5

141 24.8 26.4 39.6#



#45

2-Fluorobiphenyl

Concen: 2.178 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP025012.D

Acq: 19 Jun 2025 22:34

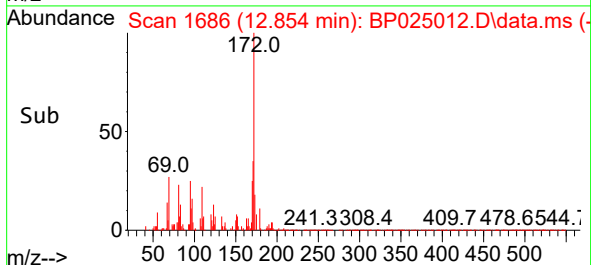
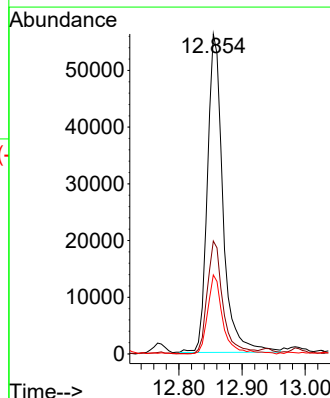
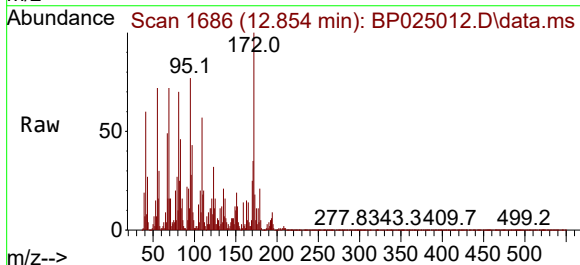
Tgt Ion:172 Resp: 96407

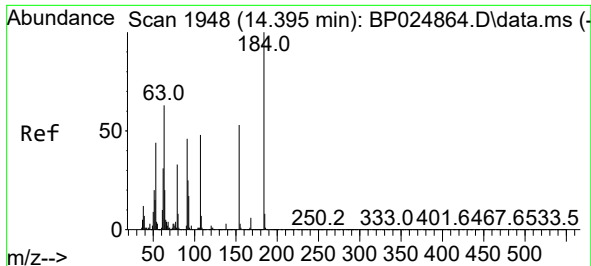
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 24.7 19.0 28.4

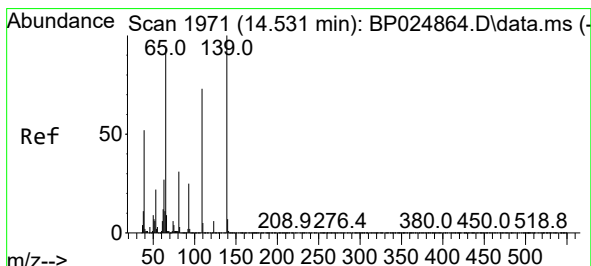
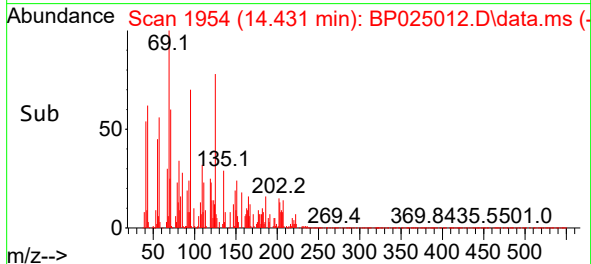
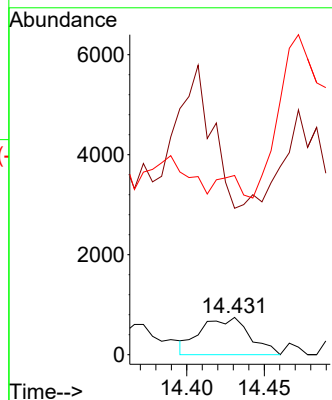
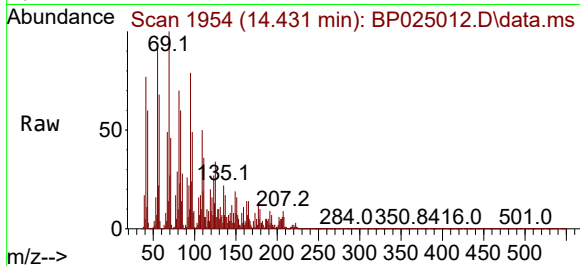




#54
2,4-Dinitrophenol
Concen: 5.808 ng
RT: 14.431 min Scan# 1948
Delta R.T. 0.036 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

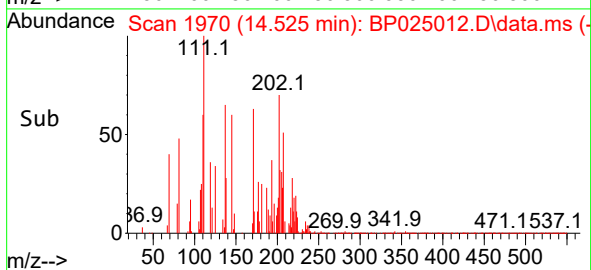
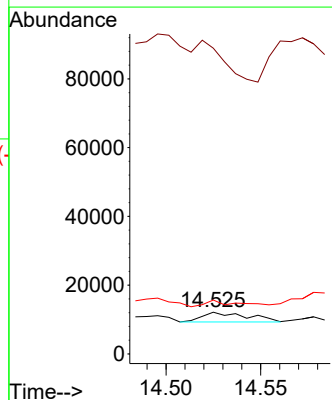
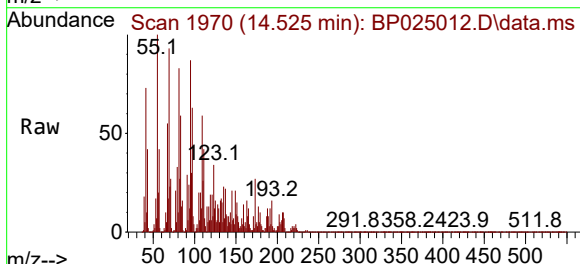
Instrument :
BNA_P
ClientSampleId :
20071

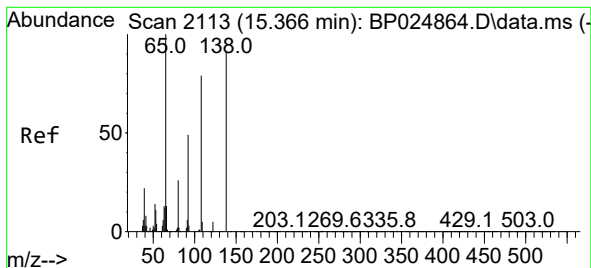
Tgt Ion:184 Resp: 1625
Ion Ratio Lower Upper
184 100
63 393.0 51.0 76.4#
154 481.1 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.931 ng
RT: 14.525 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

Tgt Ion:139 Resp: 4660
Ion Ratio Lower Upper
139 100
109 733.2 53.1 93.1#
65 129.2 73.0 113.0#

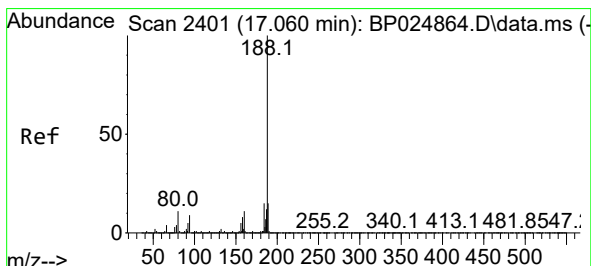
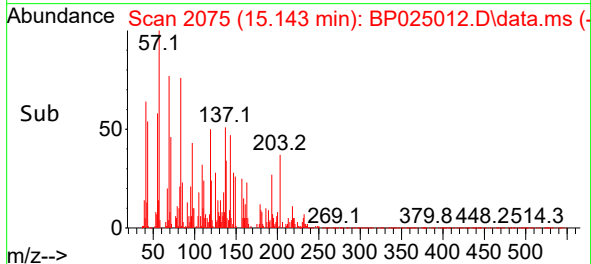
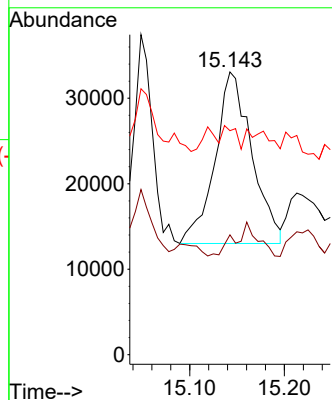
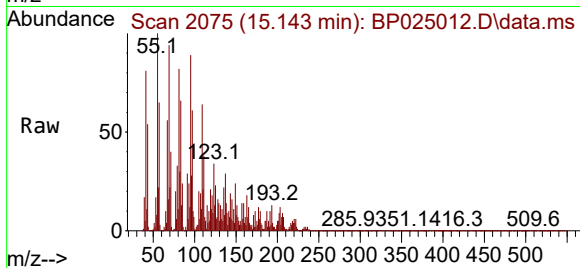




#62
4-Nitroaniline
Concen: 6.067 ng
RT: 15.143 min Scan# 2075
Delta R.T. -0.223 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

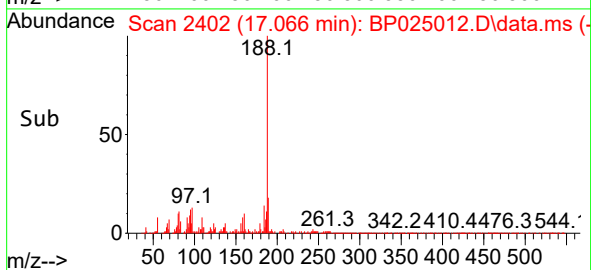
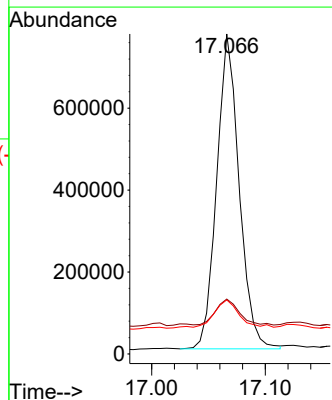
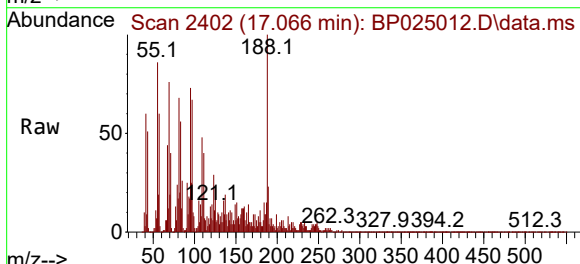
Instrument :
BNA_P
ClientSampleId :
20071

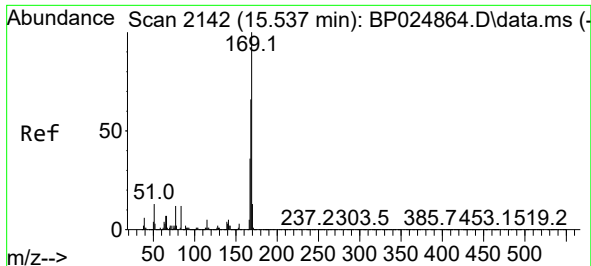
Tgt Ion:138 Resp: 54136
Ion Ratio Lower Upper
138 100
92 42.4 33.5 73.5
108 79.3 65.1 105.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

Tgt Ion:188 Resp: 1054143
Ion Ratio Lower Upper
188 100
94 17.2 7.3 10.9#
80 16.9 8.5 12.7#

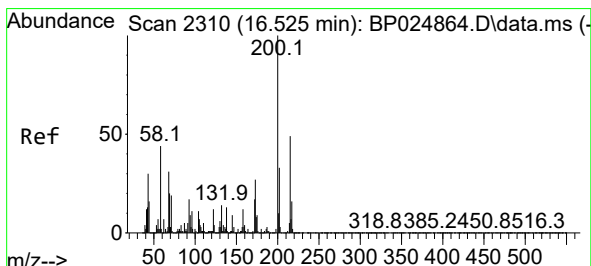
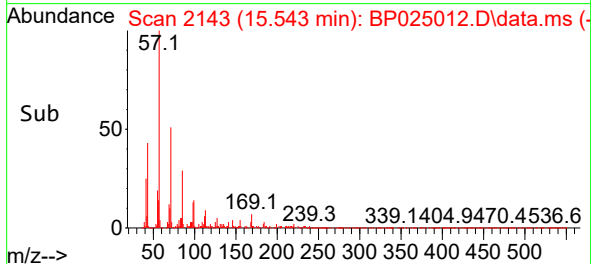
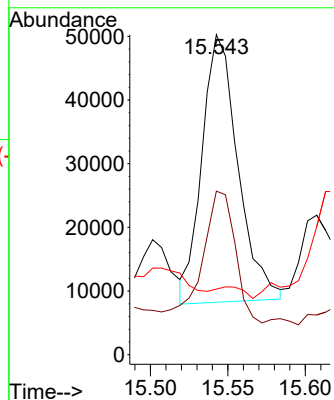
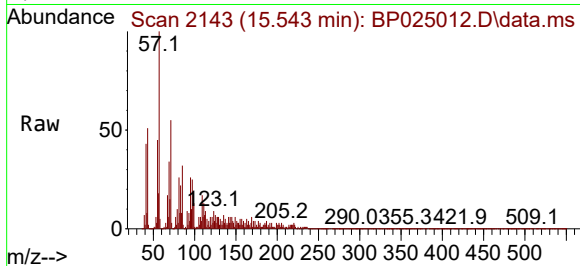




#66
n-Nitrosodiphenylamine
Concen: 2.075 ng
RT: 15.543 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

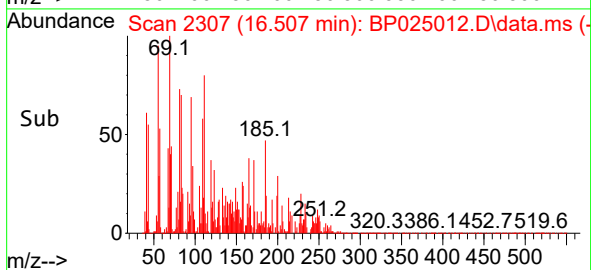
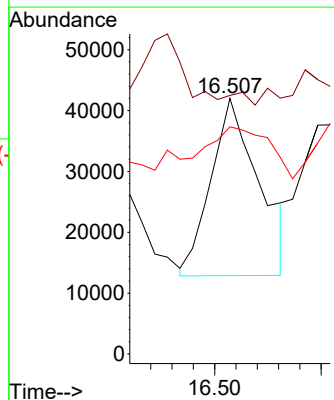
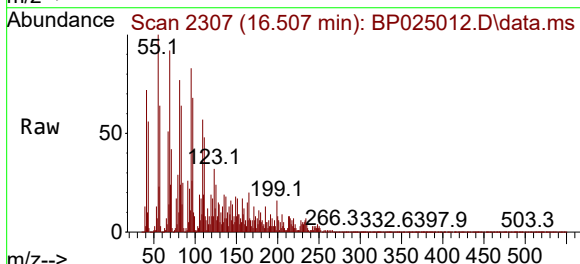
Instrument :
BNA_P
ClientSampleId :
20071

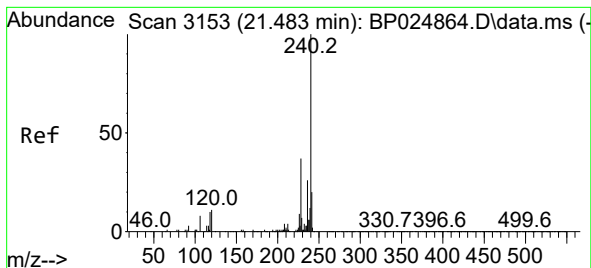
Tgt Ion:169 Resp: 67808
Ion Ratio Lower Upper
169 100
168 51.1 53.0 79.6#
167 20.5 28.6 43.0#



#69
Atrazine
Concen: 3.827 ng
RT: 16.507 min Scan# 2307
Delta R.T. -0.018 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

Tgt Ion:200 Resp: 45332
Ion Ratio Lower Upper
200 100
173 101.2 6.9 46.9#
215 88.9 28.7 68.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.507 min Scan# 3157

Delta R.T. 0.024 min

Lab File: BP025012.D

Acq: 19 Jun 2025 22:34

Instrument :

BNA_P

ClientSampleId :

20071

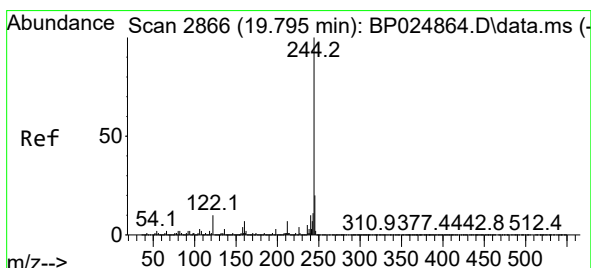
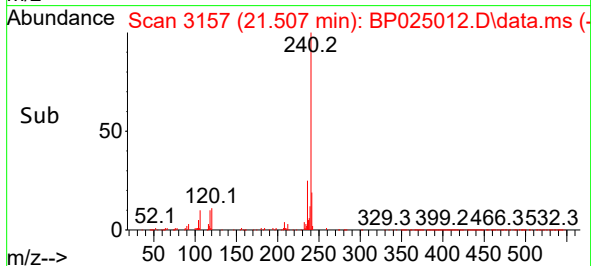
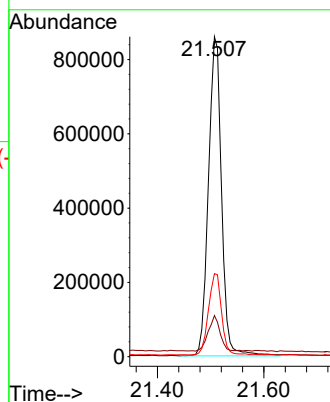
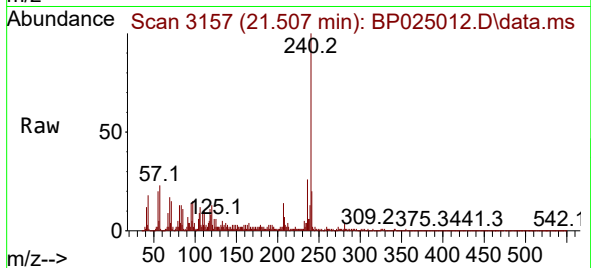
Tgt Ion:240 Resp: 1468956

Ion Ratio Lower Upper

240 100

120 12.8 8.9 13.3

236 26.0 20.9 31.3



#79

Terphenyl-d14

Concen: 2.273 ng

RT: 19.801 min Scan# 2867

Delta R.T. 0.006 min

Lab File: BP025012.D

Acq: 19 Jun 2025 22:34

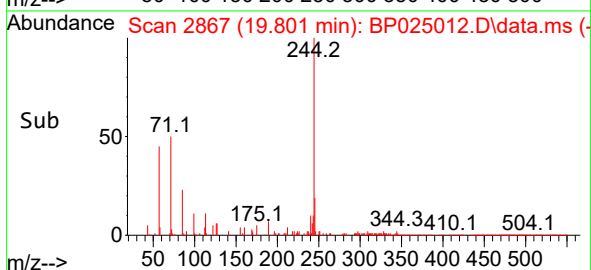
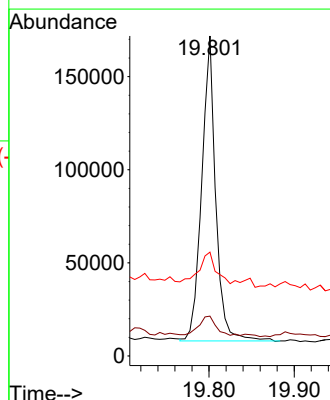
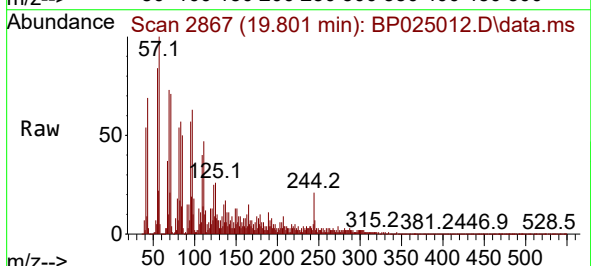
Tgt Ion:244 Resp: 186324

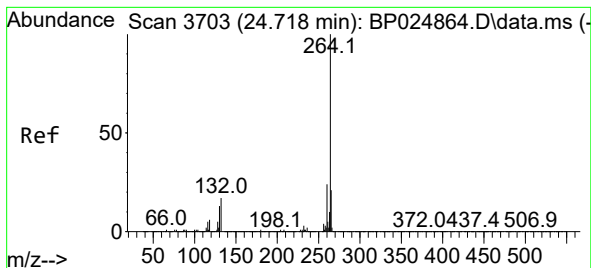
Ion Ratio Lower Upper

244 100

212 12.5 5.6 8.4#

122 32.4 7.7 11.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.777 min Scan# 31

Delta R.T. 0.059 min

Lab File: BP025012.D

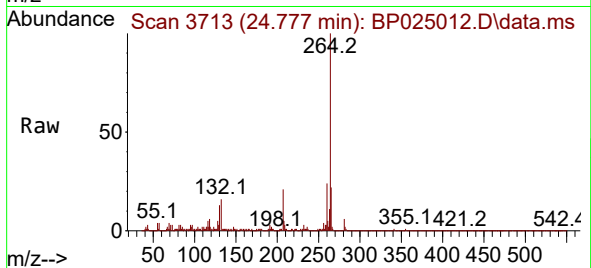
Acq: 19 Jun 2025 22:34

Instrument :

BNA_P

ClientSampleId :

20071



Tgt Ion:264 Resp: 1789379

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 22.1 17.4 26.0

