

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
 Data File : BP025011.D
 Acq On : 19 Jun 2025 21:53
 Operator : RC/JU
 Sample : Q2354-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 3321

Quant Time: Jun 20 03:30:32 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)

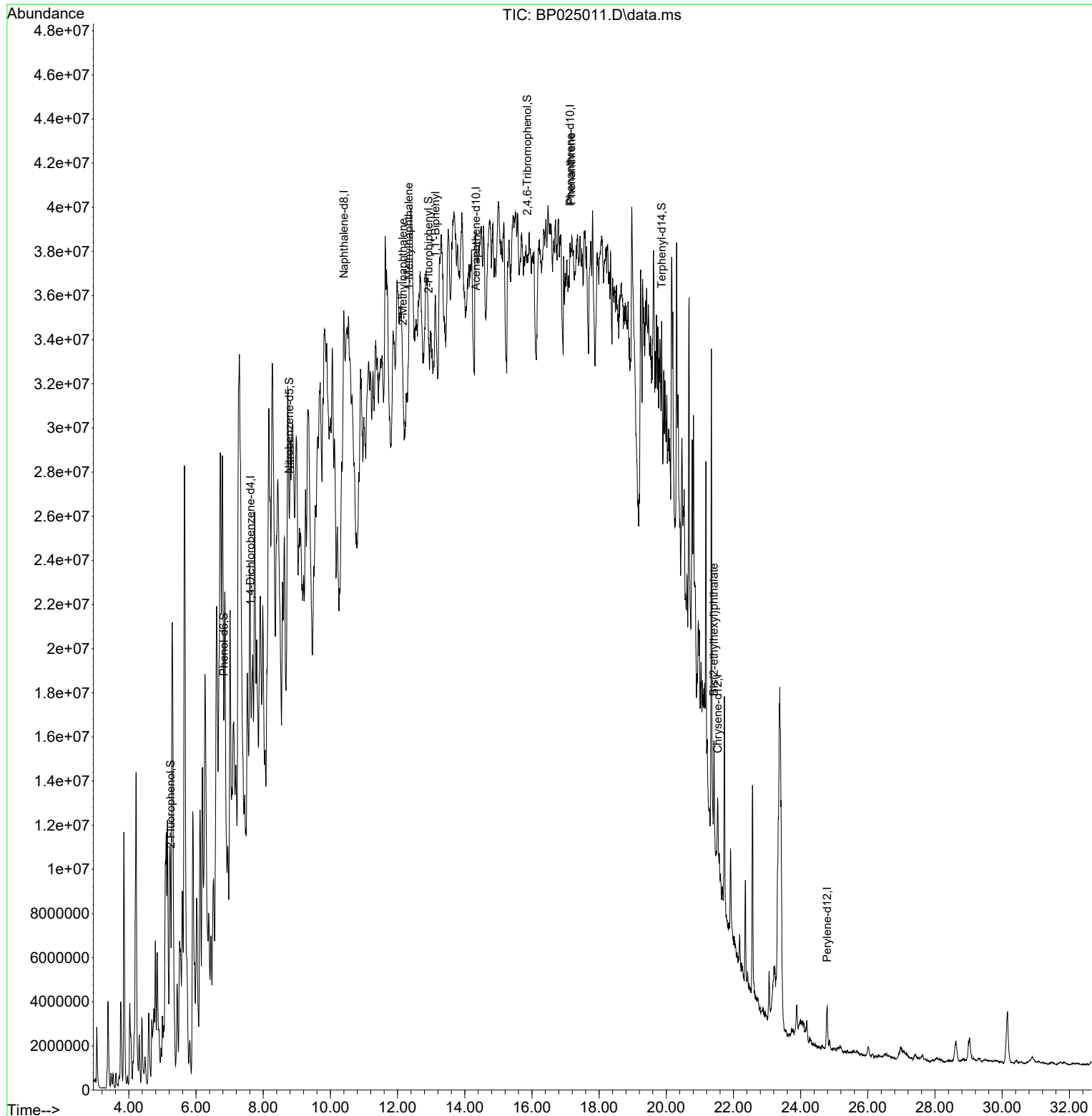
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.619	152	303038	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	386216	20.000	ng	# 0.03
39) Acenaphthene-d10	14.336	164	845708	20.000	ng	# 0.09
64) Phenanthrene-d10	17.136	188	932998	20.000	ng	# 0.08
76) Chrysene-d12	21.530	240	1780109	20.000	ng	0.05
86) Perylene-d12	24.789	264	2092183	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1319328	72.672	ng	0.00
7) Phenol-d6	6.825	99	1425933	59.363	ng	0.01
23) Nitrobenzene-d5	8.778	82	1738681	218.758	ng	0.02
42) 2,4,6-Tribromophenol	15.860	330	554690	47.440	ng	0.08
45) 2-Fluorobiphenyl	12.925	172	1546192	24.629	ng	0.06
79) Terphenyl-d14	19.866	244	3009314	30.298	ng	0.07
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.154	142	10278182	818.679	ng	# 91
38) 1-Methylnaphthalene	12.331	142	5373289	400.326	ng	# 93
46) 1,1'-Biphenyl	13.131	154	2188532	35.609	ng	91
71) Phenanthrene	17.172	178	1487803	28.856	ng	# 74
84) Bis(2-ethylhexyl)phtha...	21.418	149	1854818	25.414	ng	# 94

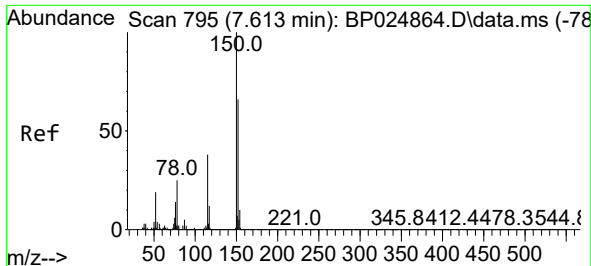
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
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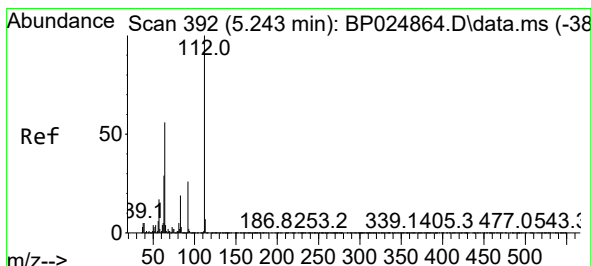
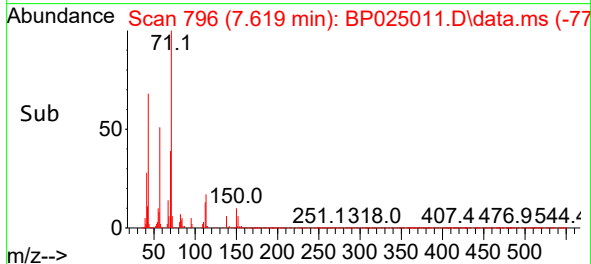
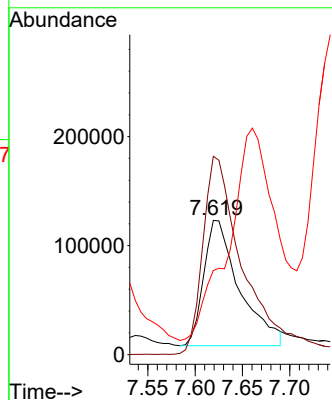
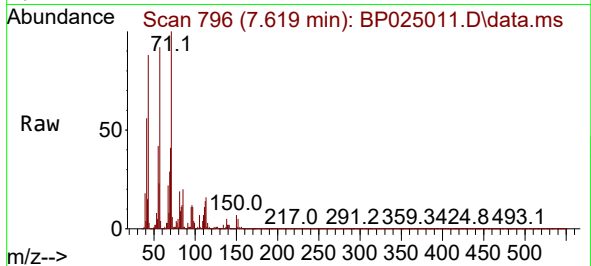




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.619 min Scan# 795
Delta R.T. 0.006 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

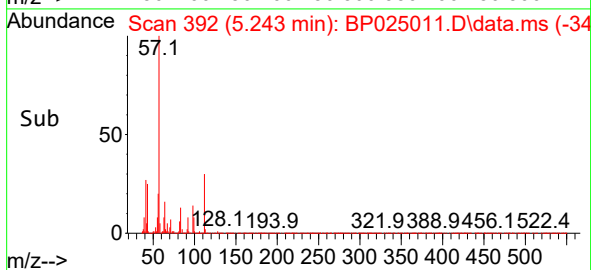
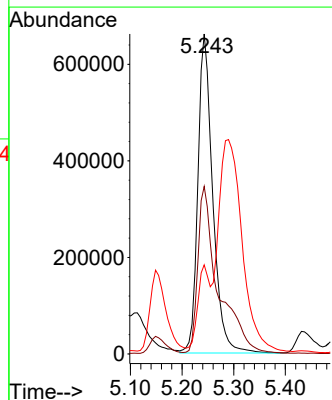
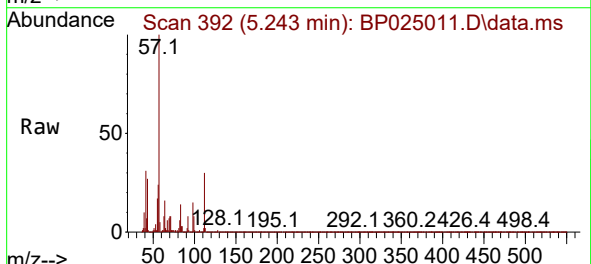
Instrument :
BNA_P
ClientSampleId :
3321

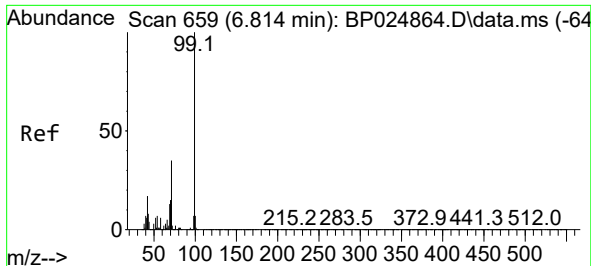
Tgt Ion:152 Resp: 303038
Ion Ratio Lower Upper
152 100
150 147.7 122.1 183.1
115 62.6 46.4 69.6



#5
2-Fluorophenol
Concen: 72.672 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:112 Resp: 1319328
Ion Ratio Lower Upper
112 100
64 52.4 44.7 67.1
63 27.9 23.5 35.3

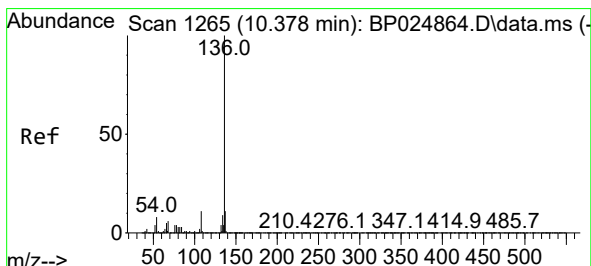
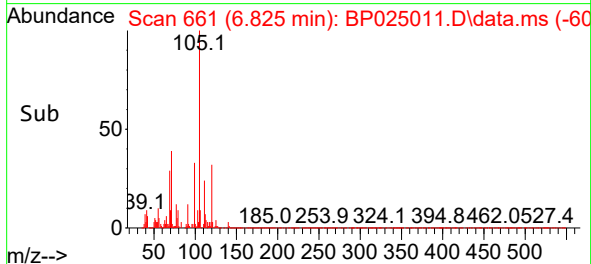
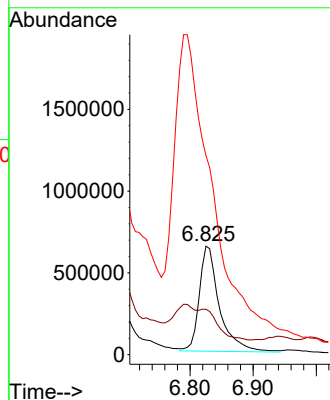
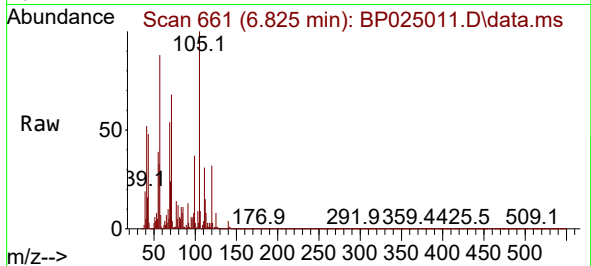




#7
Phenol-d6
Concen: 59.363 ng
RT: 6.825 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

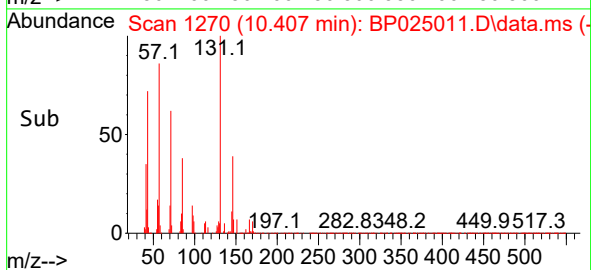
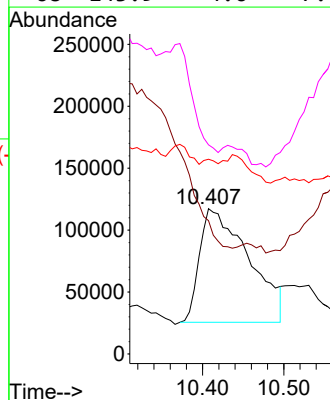
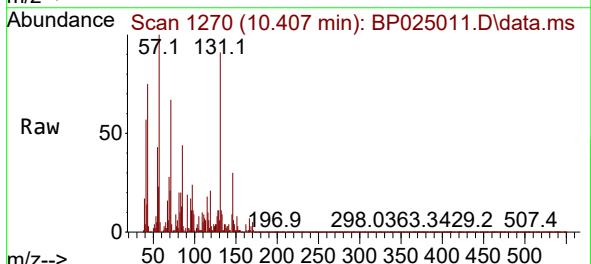
Instrument :
BNA_P
ClientSampleId :
3321

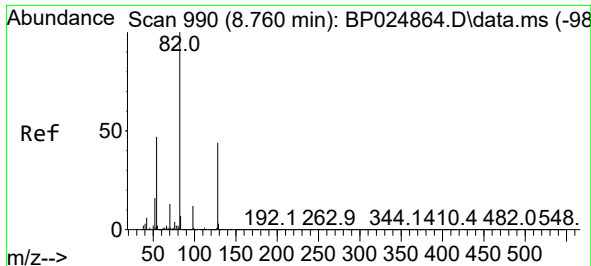
Tgt Ion: 99 Resp: 1425933
Ion Ratio Lower Upper
99 100
42 41.9 13.4 20.2#
71 183.5 27.6 41.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. 0.029 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:136 Resp: 386216
Ion Ratio Lower Upper
136 100
137 91.7 8.9 13.3#
54 134.0 6.1 9.1#
68 143.9 4.6 7.0#

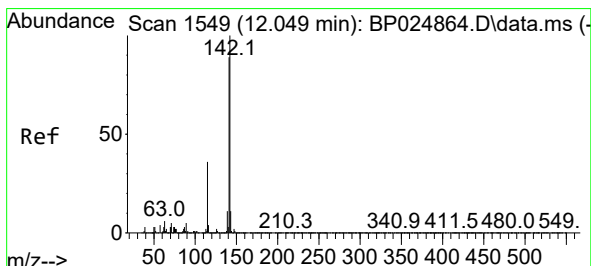
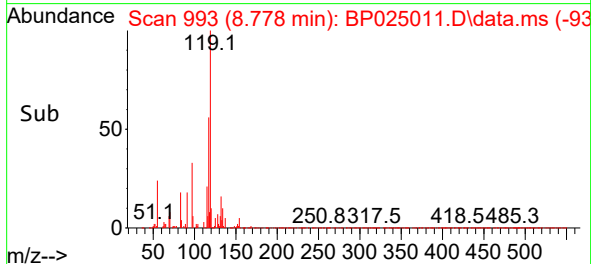
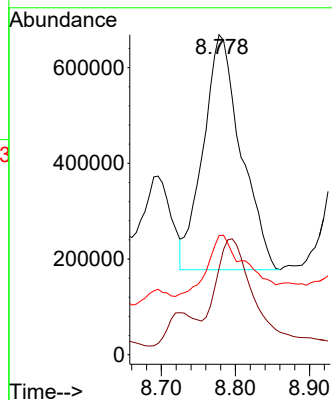
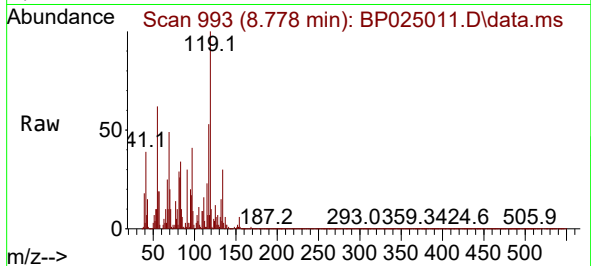




#23
Nitrobenzene-d5
Concen: 218.758 ng
RT: 8.778 min Scan# 991
Delta R.T. 0.017 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

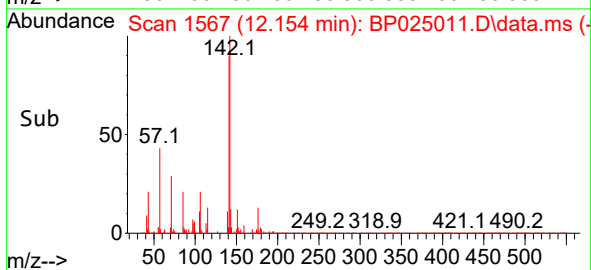
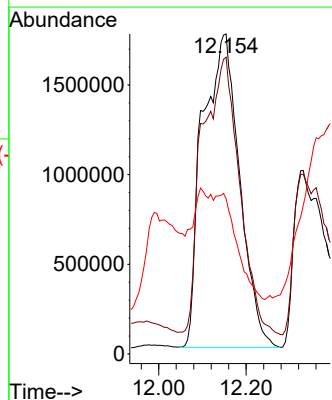
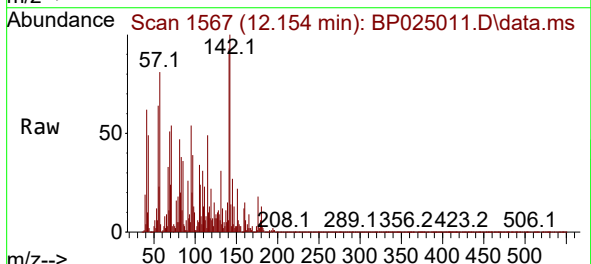
Instrument :
BNA_P
ClientSampleId :
3321

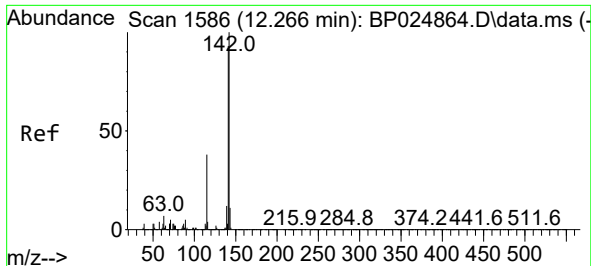
Tgt Ion: 82 Resp: 1738681
Ion Ratio Lower Upper
82 100
128 27.0 35.3 52.9#
54 37.2 37.4 56.0#



#37
2-Methylnaphthalene
Concen: 818.679 ng
RT: 12.154 min Scan# 1567
Delta R.T. 0.106 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion: 142 Resp: 10278182
Ion Ratio Lower Upper
142 100
141 92.8 71.2 106.8
115 48.5 28.5 42.7#

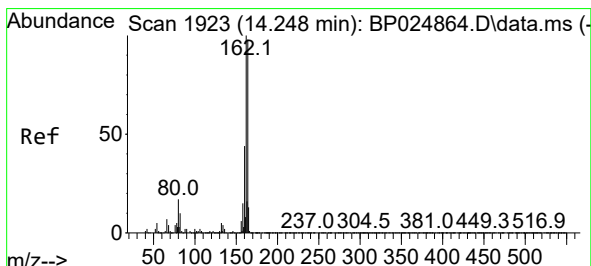
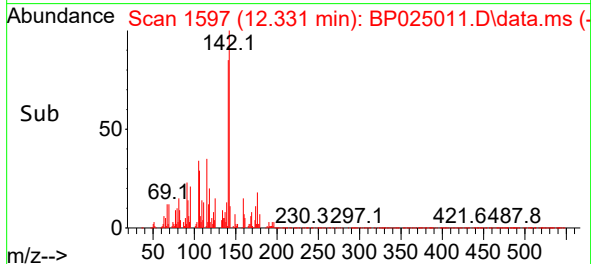
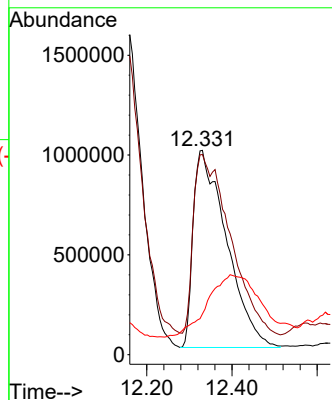
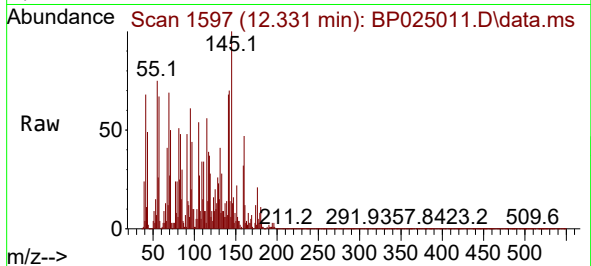




#38
 1-Methylnaphthalene
 Concen: 400.326 ng
 RT: 12.331 min Scan# 11
 Delta R.T. 0.065 min
 Lab File: BP025011.D
 Acq: 19 Jun 2025 21:53

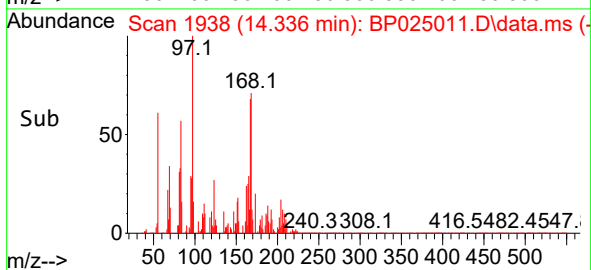
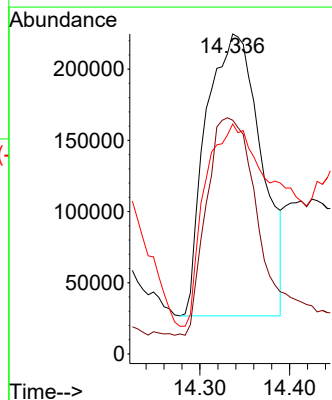
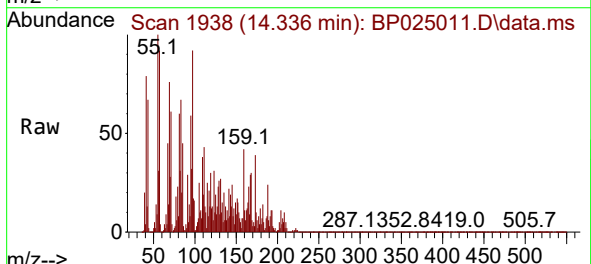
Instrument :
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 ClientSampleId :
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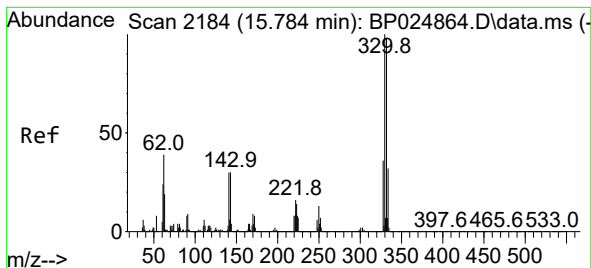
Tgt Ion:142 Resp: 5373289
 Ion Ratio Lower Upper
 142 100
 141 97.9 74.7 112.1
 116 20.0 3.4 5.0#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.336 min Scan# 1938
 Delta R.T. 0.088 min
 Lab File: BP025011.D
 Acq: 19 Jun 2025 21:53

Tgt Ion:164 Resp: 845708
 Ion Ratio Lower Upper
 164 100
 162 73.0 81.6 122.4#
 160 71.9 36.2 54.2#





#42

2,4,6-Tribromophenol

Concen: 47.440 ng

RT: 15.860 min Scan# 2184

Delta R.T. 0.076 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

Instrument :

BNA_P

ClientSampleId :

3321

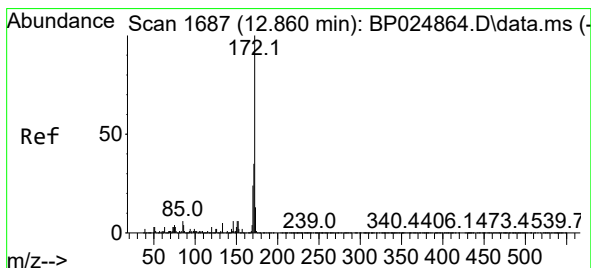
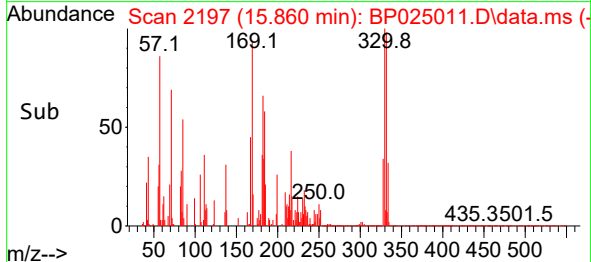
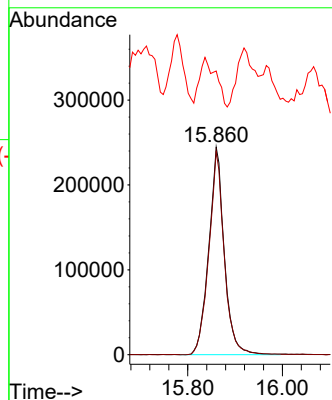
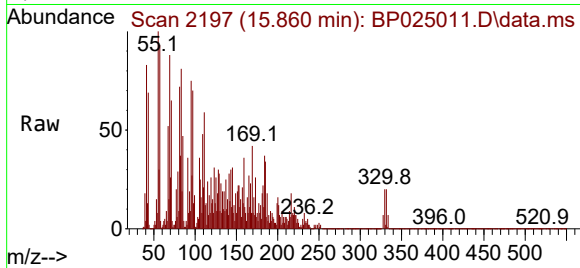
Tgt Ion:330 Resp: 554690

Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

141 0.0 26.4 39.6#



#45

2-Fluorobiphenyl

Concen: 24.629 ng

RT: 12.925 min Scan# 1698

Delta R.T. 0.065 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

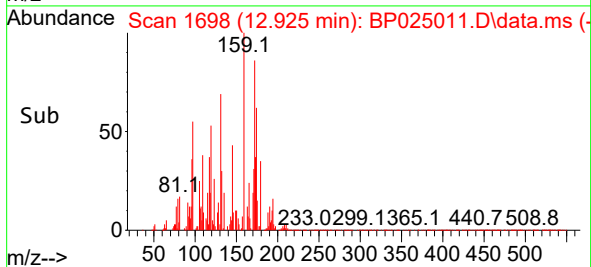
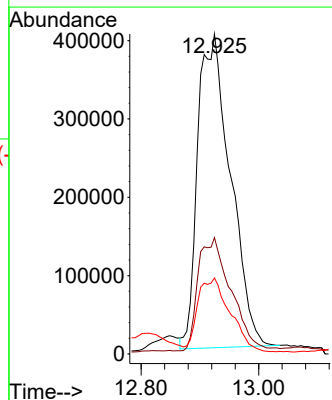
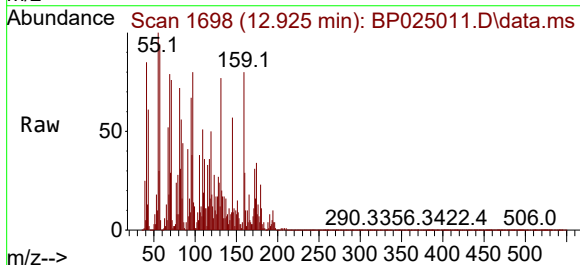
Tgt Ion:172 Resp: 1546192

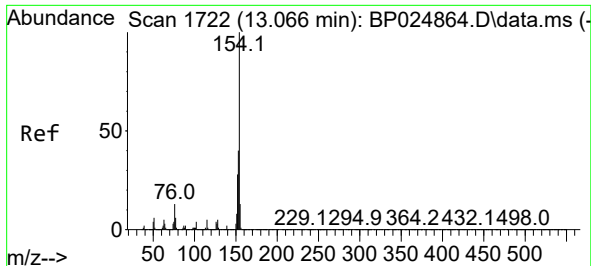
Ion Ratio Lower Upper

172 100

171 36.3 28.3 42.5

170 23.7 19.0 28.4

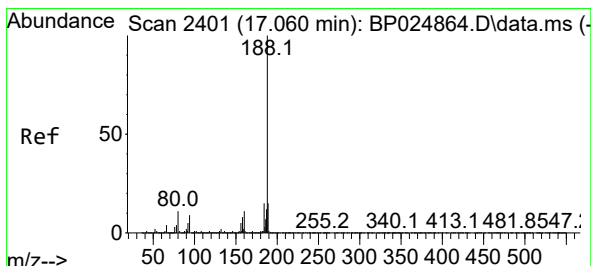
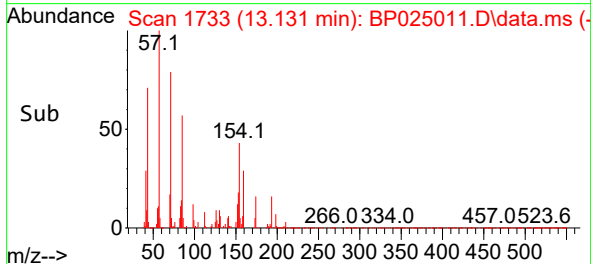
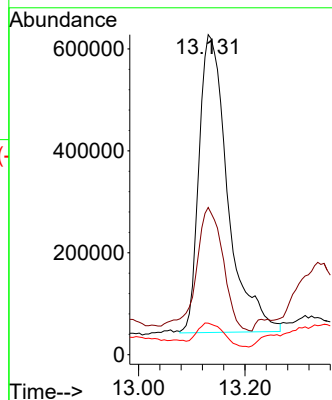
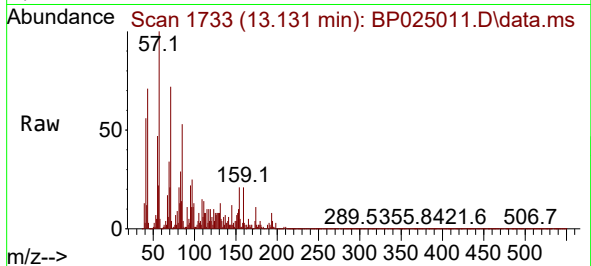




#46
1,1'-Biphenyl
Concen: 35.609 ng
RT: 13.131 min Scan# 1
Delta R.T. 0.065 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

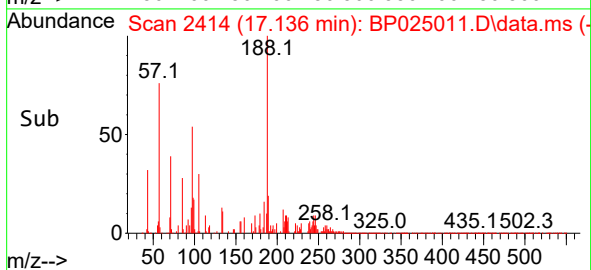
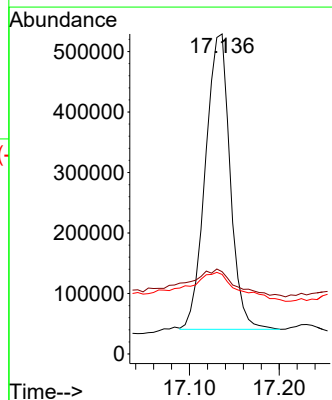
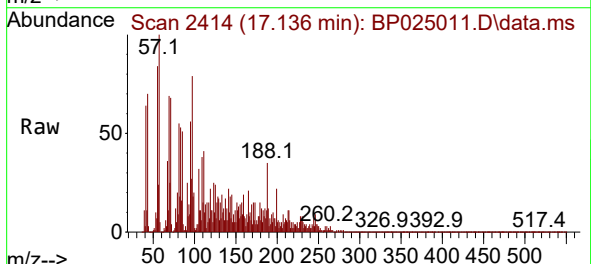
Instrument :
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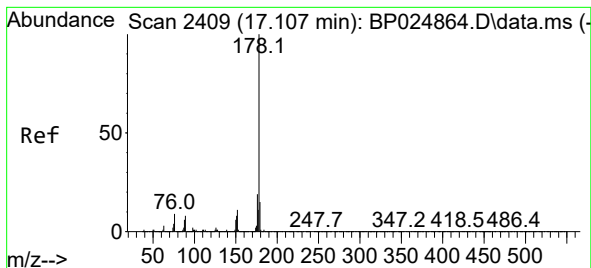
Tgt Ion:154 Resp: 2188532
Ion Ratio Lower Upper
154 100
153 46.0 20.3 60.3
76 9.8 0.0 33.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 2414
Delta R.T. 0.076 min
Lab File: BP025011.D
Acq: 19 Jun 2025 21:53

Tgt Ion:188 Resp: 932998
Ion Ratio Lower Upper
188 100
94 25.7 7.3 10.9#
80 24.9 8.5 12.7#





#71

Phenanthrene

Concen: 28.856 ng

RT: 17.172 min Scan# 2409

Delta R.T. 0.065 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

Instrument :

BNA_P

ClientSampleId :

3321

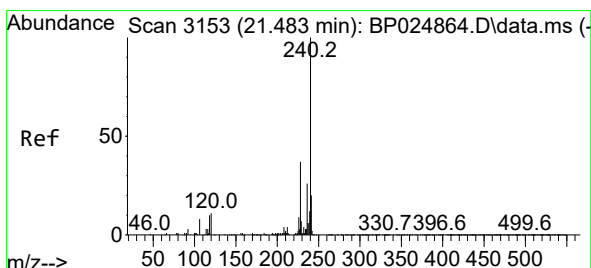
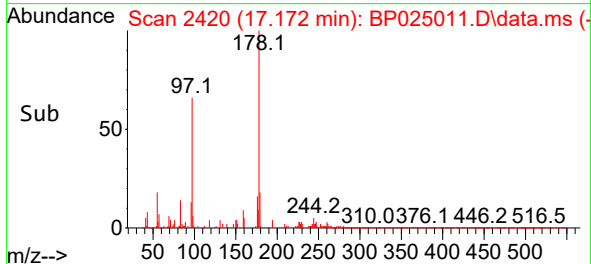
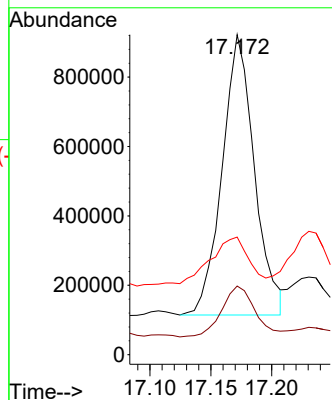
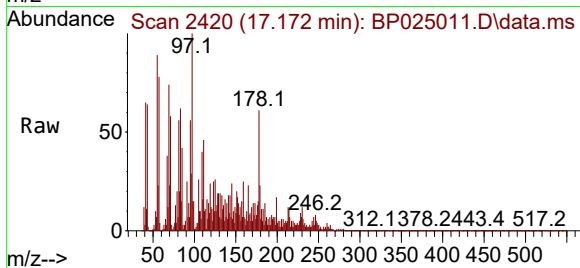
Tgt Ion:178 Resp: 1487803

Ion Ratio Lower Upper

178 100

176 21.4 15.3 22.9

179 36.8 12.1 18.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.530 min Scan# 3161

Delta R.T. 0.047 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

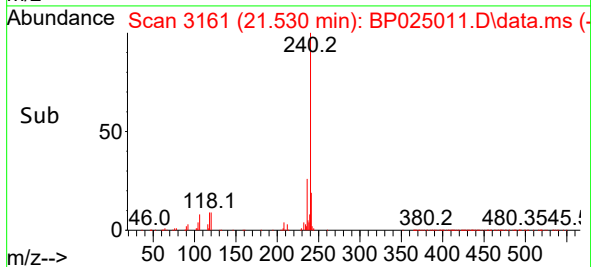
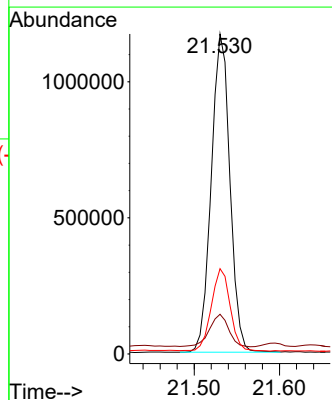
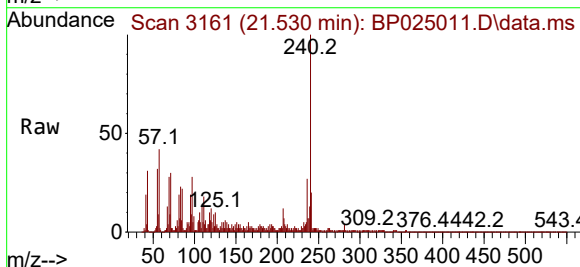
Tgt Ion:240 Resp: 1780109

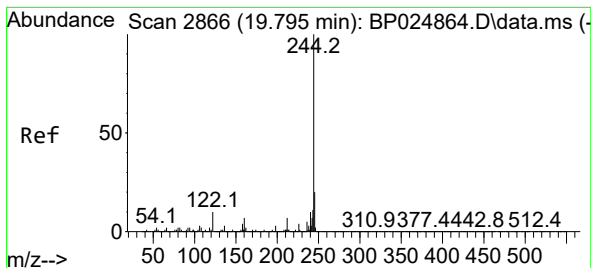
Ion Ratio Lower Upper

240 100

120 12.4 8.9 13.3

236 26.6 20.9 31.3





#79

Terphenyl-d14

Concen: 30.298 ng

RT: 19.866 min Scan# 21

Delta R.T. 0.070 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

Instrument :

BNA_P

ClientSampleId :

3321

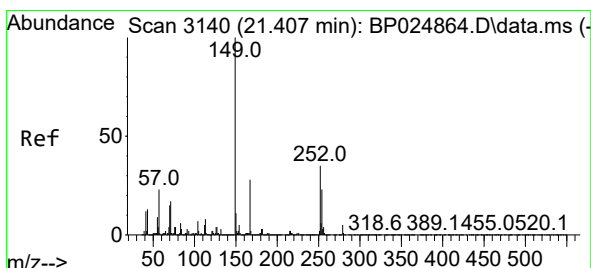
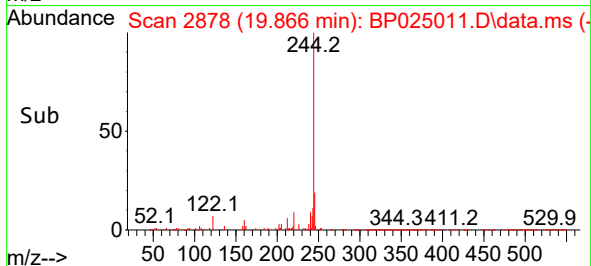
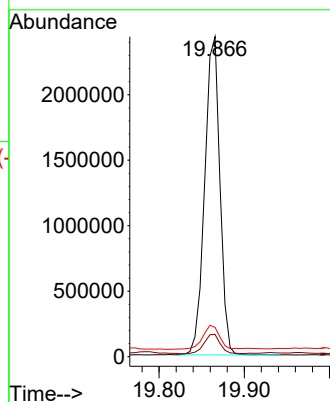
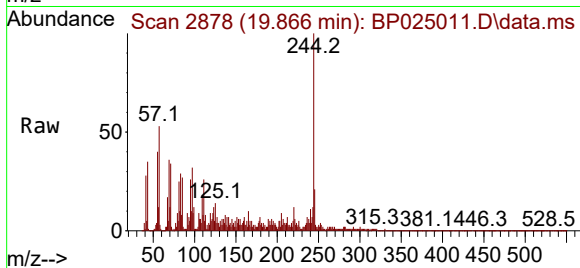
Tgt Ion:244 Resp: 3009314

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.2 7.7 11.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.414 ng

RT: 21.418 min Scan# 3142

Delta R.T. 0.012 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

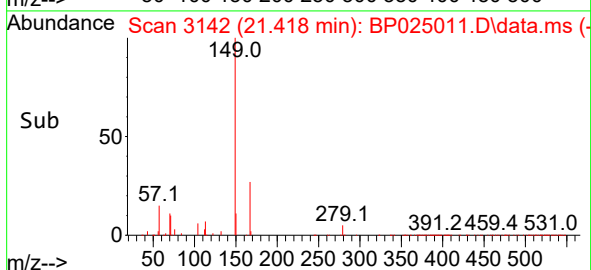
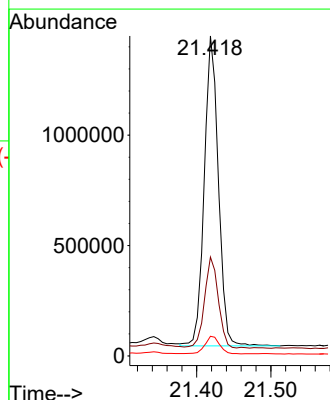
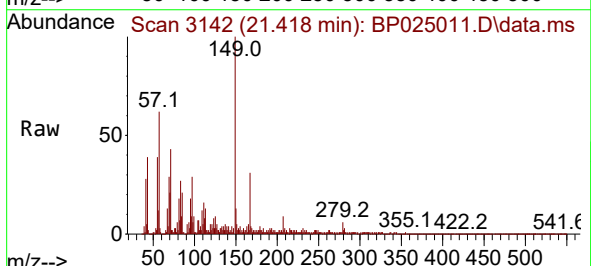
Tgt Ion:149 Resp: 1854818

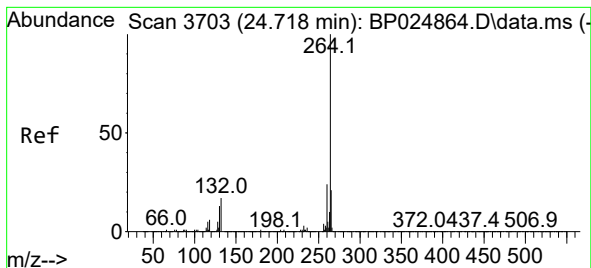
Ion Ratio Lower Upper

149 100

167 30.9 22.2 33.4

279 6.2 4.0 6.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.789 min Scan# 31

Delta R.T. 0.070 min

Lab File: BP025011.D

Acq: 19 Jun 2025 21:53

Instrument :

BNA_P

ClientSampleId :

3321

Tgt Ion:264 Resp: 2092183

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 22.2 17.4 26.0

