

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
 Data File : BP024965.D
 Acq On : 16 Jun 2025 17:44
 Operator : RC/JU
 Sample : Q2311-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP03-MH2MH3-WC

Quant Time: Jun 16 18:22:43 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)

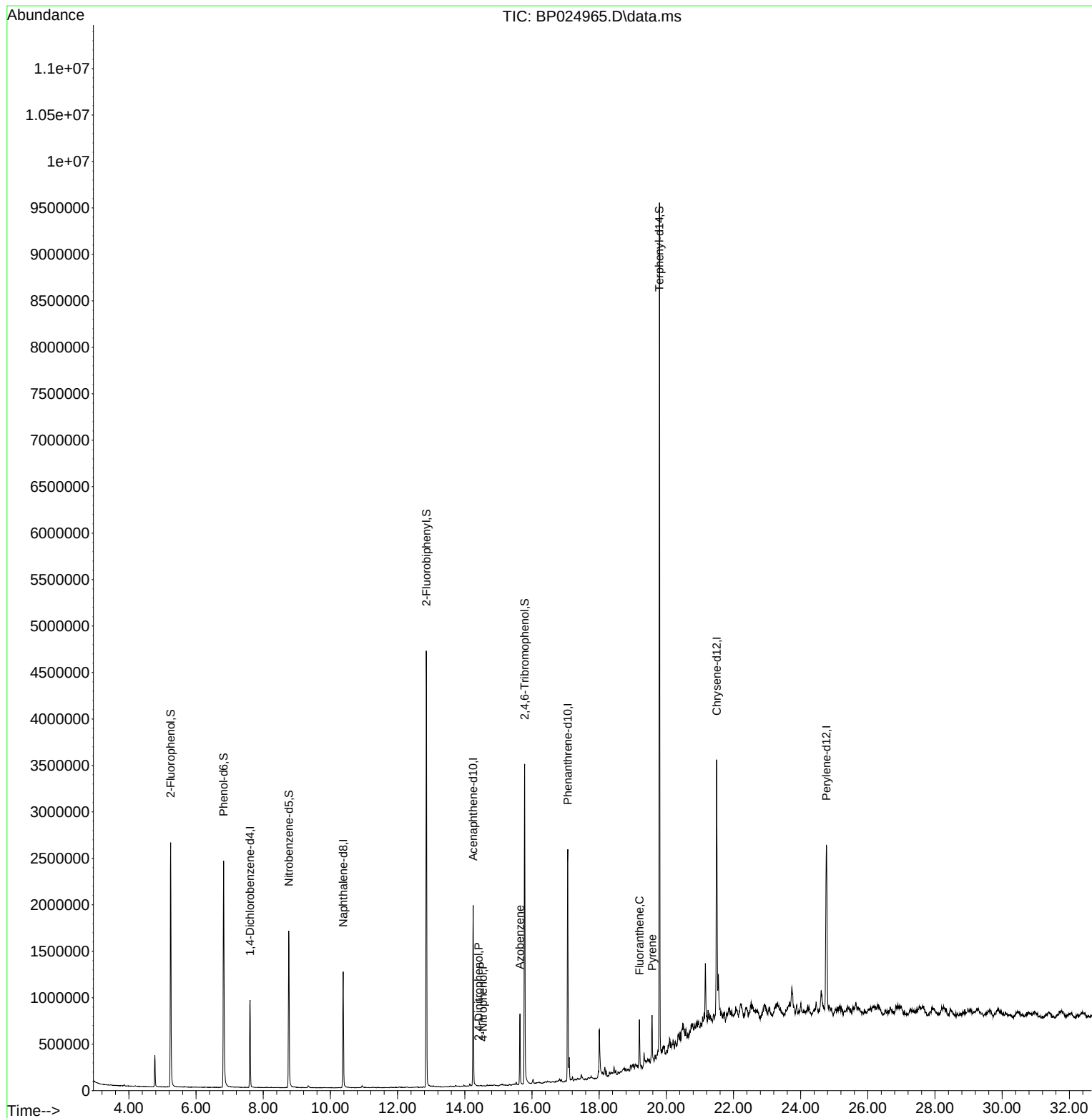
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	271476	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1074807	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	709823	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1447748	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1623539	20.000	ng	0.02
86) Perylene-d12	24.765	264	1889936	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1255391	77.189	ng	0.00
7) Phenol-d6	6.819	99	1692875	78.670	ng	0.00
23) Nitrobenzene-d5	8.760	82	1050492	47.494	ng	0.00
42) 2,4,6-Tribromophenol	15.783	330	757104	77.148	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	2404680	45.637	ng	0.00
79) Terphenyl-d14	19.795	244	4170873	46.043	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.413	184	22	5.566	ng	# 1
56) 4-Nitrophenol	14.536	139	96	5.418	ng	# 1
63) Azobenzene	15.642	77	219611	4.589	ng	# 1
75) Fluoranthene	19.201	202	297660	3.210	ng	99
78) Pyrene	19.577	202	322468	3.179	ng	100

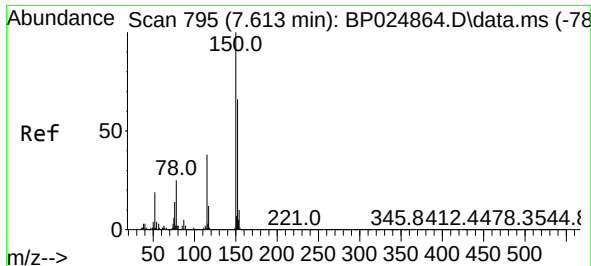
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
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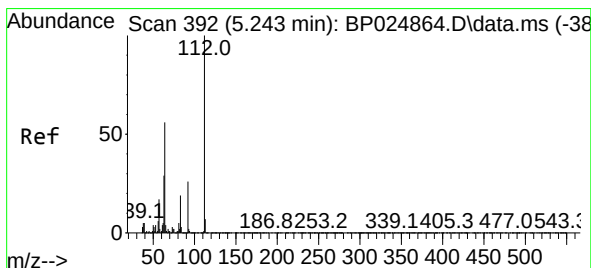
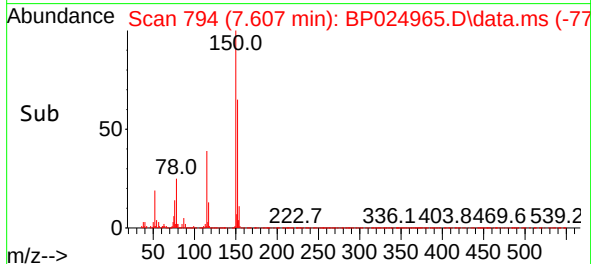
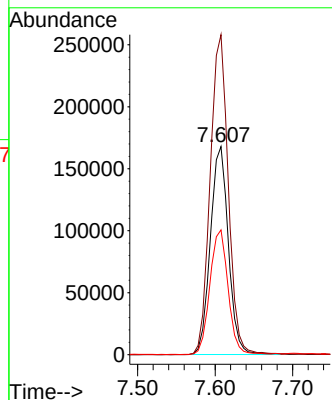
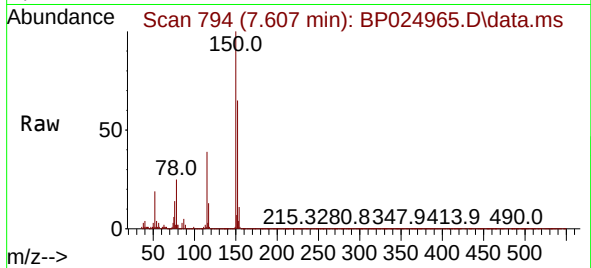




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

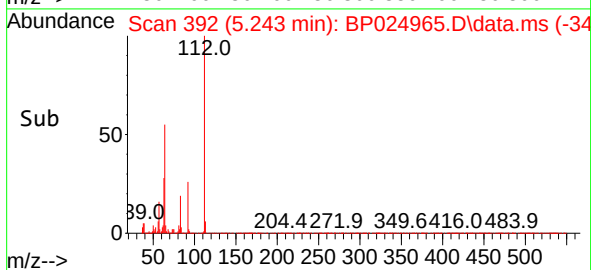
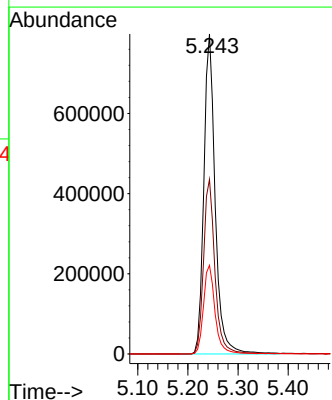
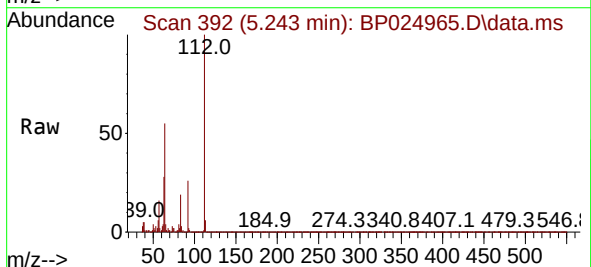
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WC

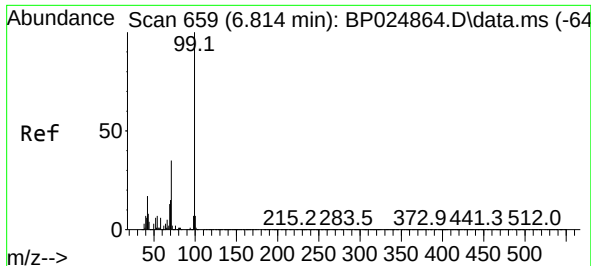
Tgt Ion:152 Resp: 271476
Ion Ratio Lower Upper
152 100
150 153.7 122.1 183.1
115 59.9 46.4 69.6



#5
2-Fluorophenol
Concen: 77.189 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

Tgt Ion:112 Resp: 1255391
Ion Ratio Lower Upper
112 100
64 54.6 44.7 67.1
63 27.7 23.5 35.3

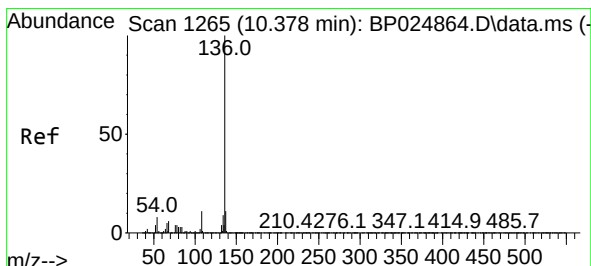
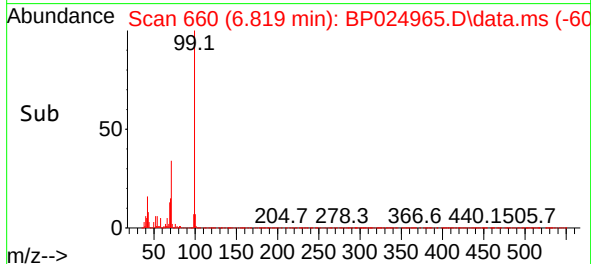
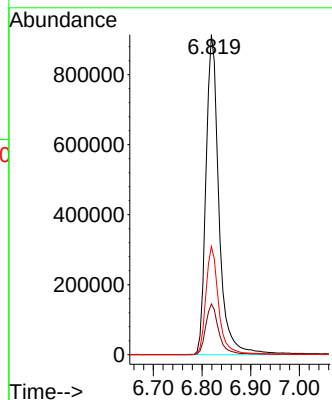
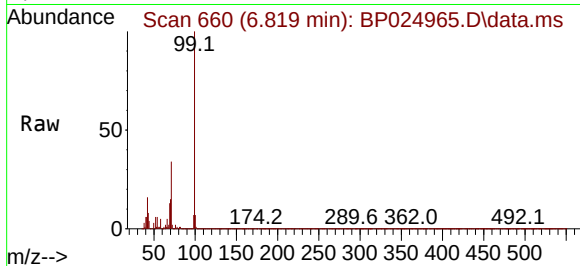




#7
Phenol-d6
Concen: 78.670 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

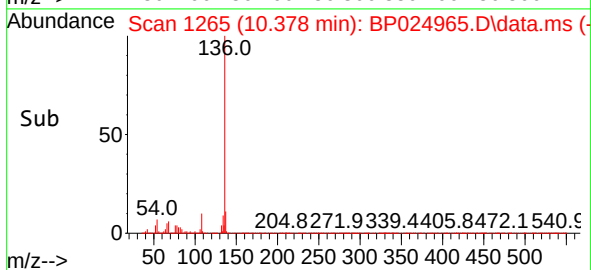
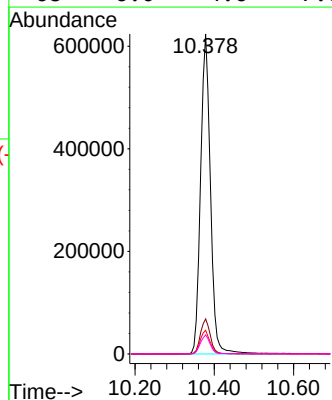
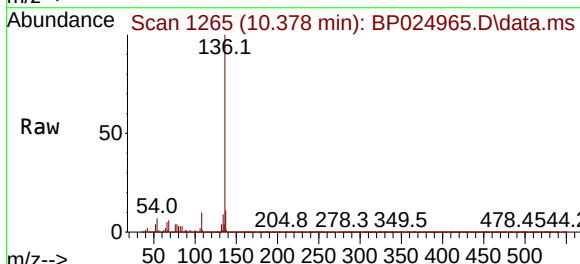
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WC

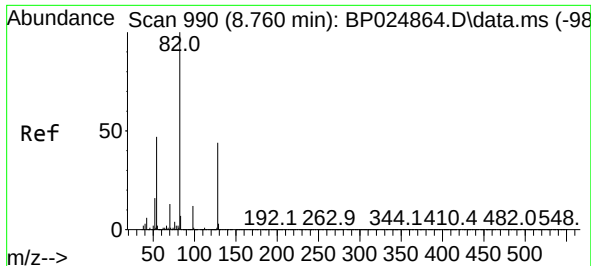
Tgt Ion: 99 Resp: 1692875
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.2
71 33.8 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

Tgt Ion: 136 Resp: 1074807
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 6.1 9.1
68 6.0 4.6 7.0

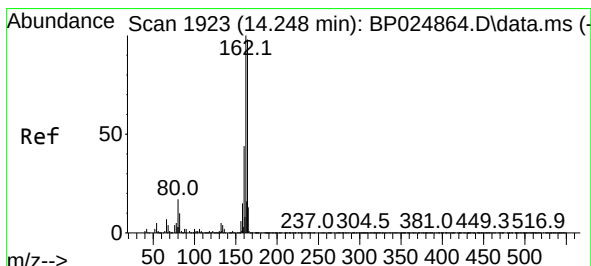
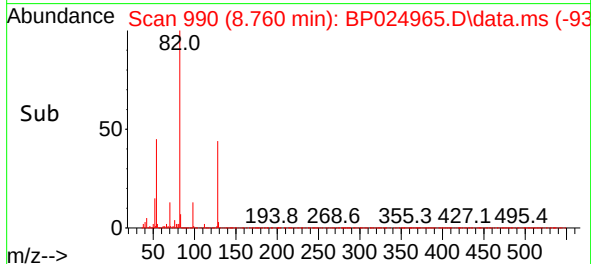
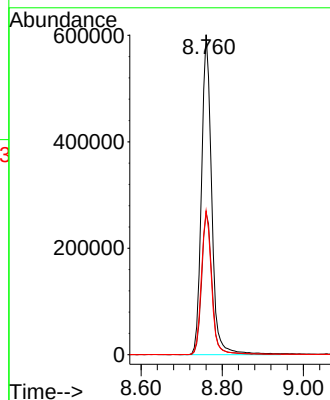
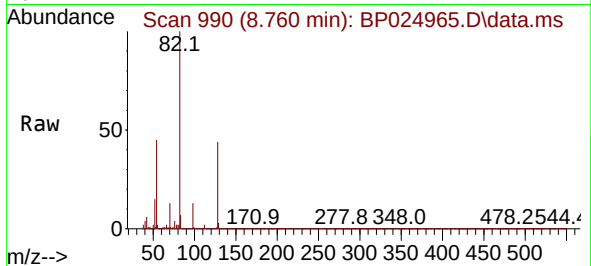




#23
 Nitrobenzene-d5
 Concen: 47.494 ng
 RT: 8.760 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: BP024965.D
 Acq: 16 Jun 2025 17:44

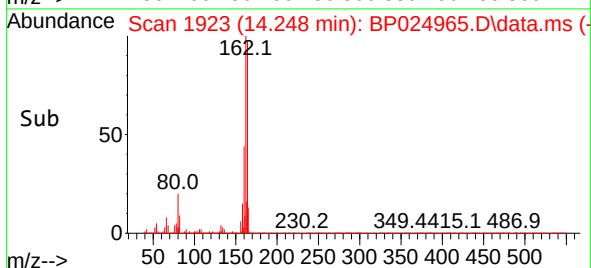
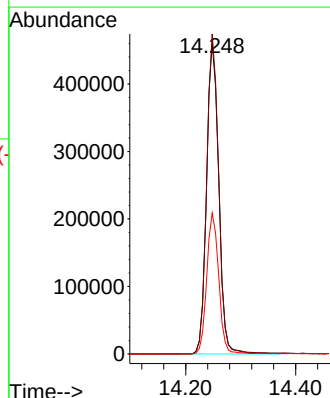
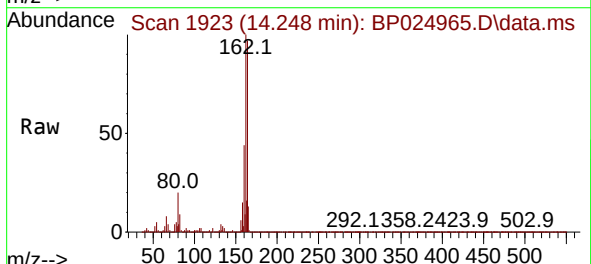
Instrument :
 BNA_P
 ClientSampleId :
 TP03-MH2MH3-WC

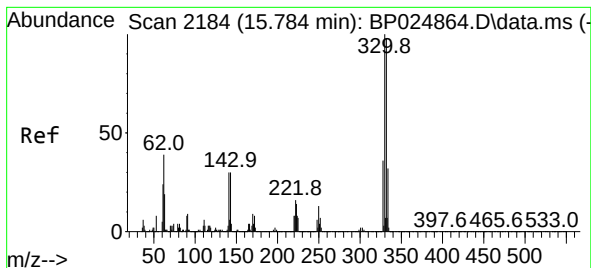
Tgt Ion: 82 Resp: 1050492
 Ion Ratio Lower Upper
 82 100
 128 44.4 35.3 52.9
 54 45.0 37.4 56.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.248 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: BP024965.D
 Acq: 16 Jun 2025 17:44

Tgt Ion:164 Resp: 709823
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.6 122.4
 160 45.4 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 77.148 ng

RT: 15.783 min Scan# 2184

Delta R.T. -0.000 min

Lab File: BP024965.D

Acq: 16 Jun 2025 17:44

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WC

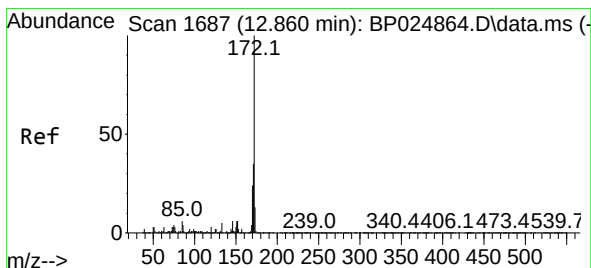
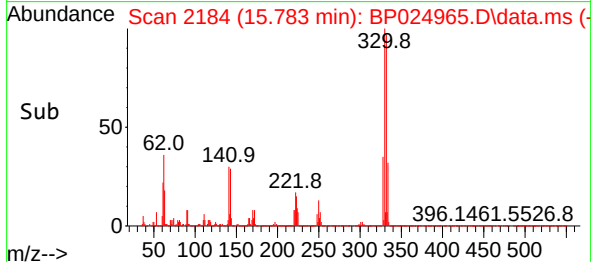
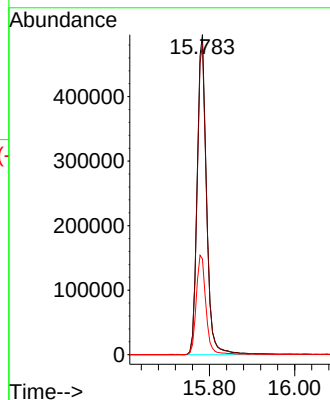
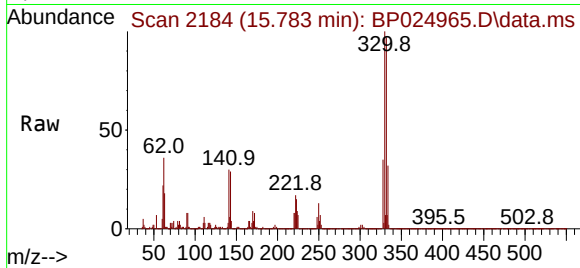
Tgt Ion:330 Resp: 757104

Ion Ratio Lower Upper

330 100

332 97.8 77.7 116.5

141 32.0 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 45.637 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024965.D

Acq: 16 Jun 2025 17:44

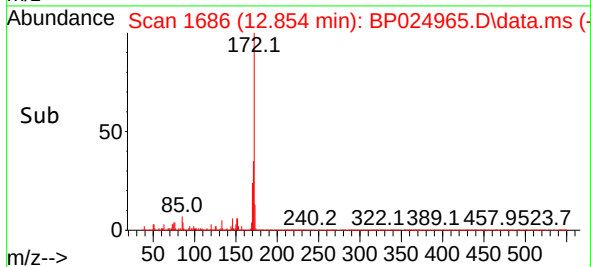
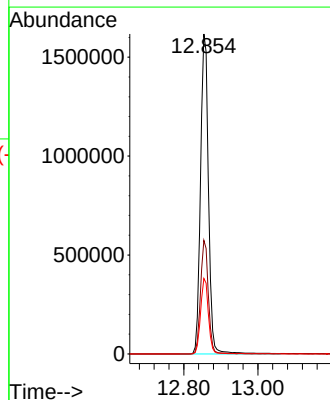
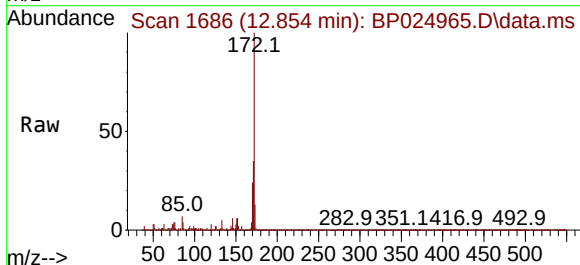
Tgt Ion:172 Resp: 2404680

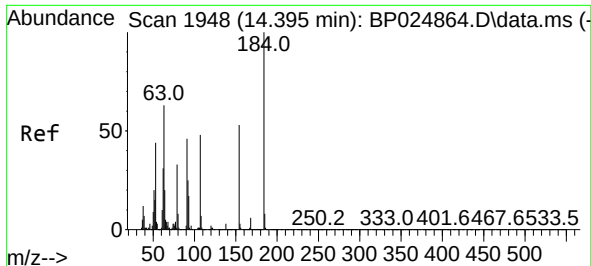
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 19.0 28.4

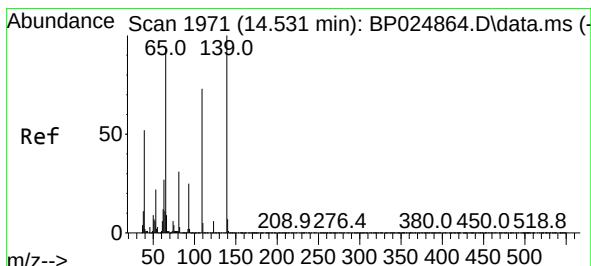
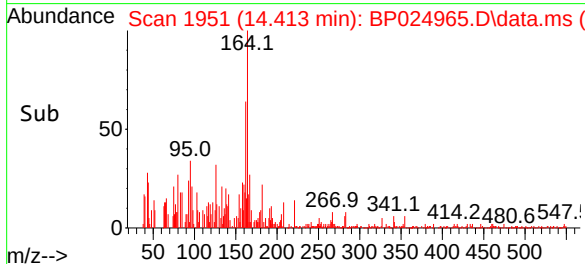
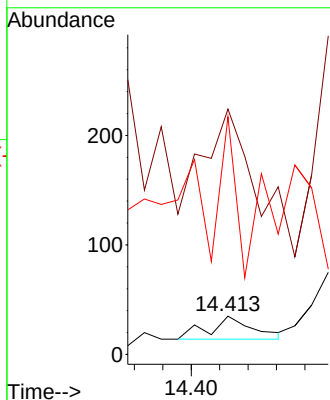
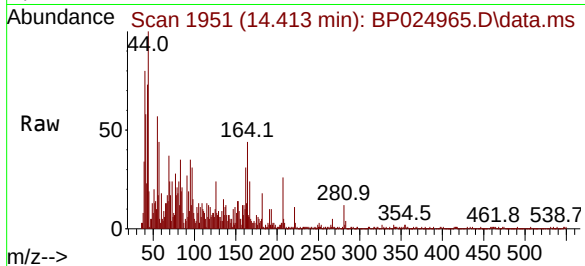




#54
2,4-Dinitrophenol
Concen: 5.566 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

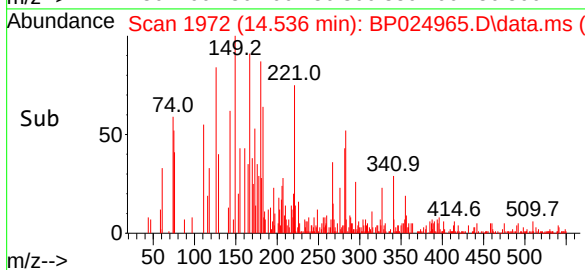
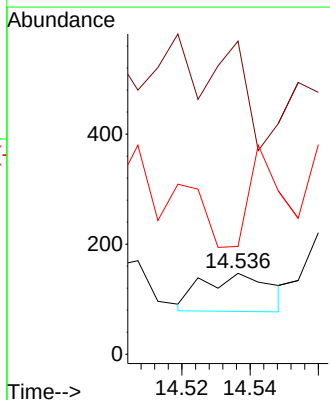
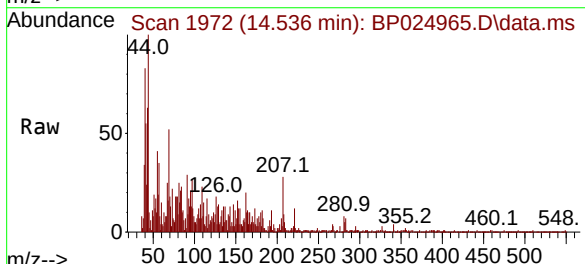
Instrument :
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ClientSampleId :
TP03-MH2MH3-WC

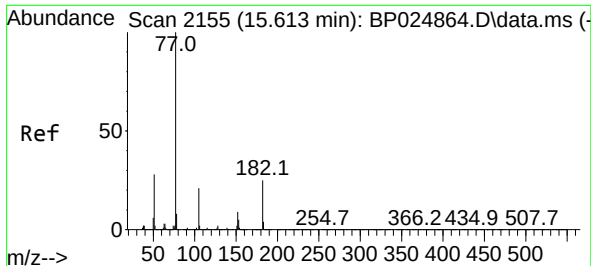
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 640.0 51.0 76.4#
154 620.0 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.418 ng
RT: 14.536 min Scan# 1972
Delta R.T. 0.005 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

Tgt Ion:139 Resp: 96
Ion Ratio Lower Upper
139 100
109 387.1 53.1 93.1#
65 133.3 73.0 113.0#

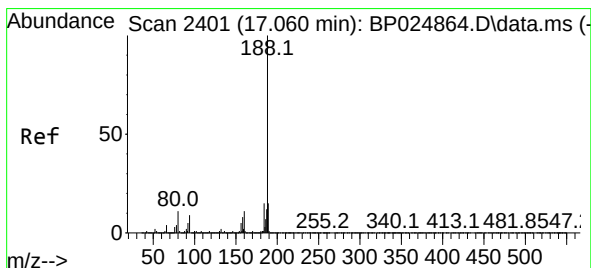
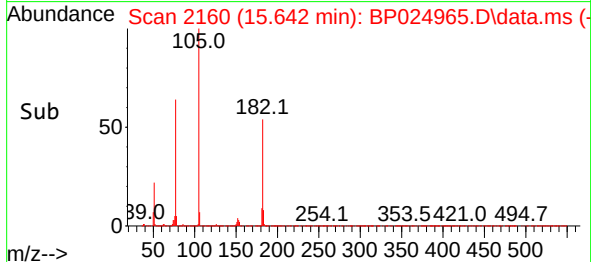
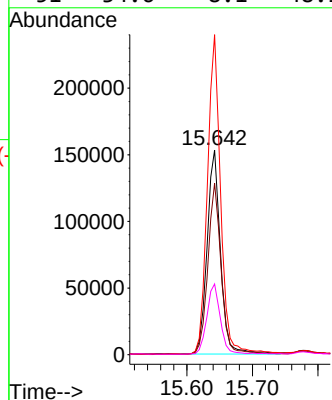
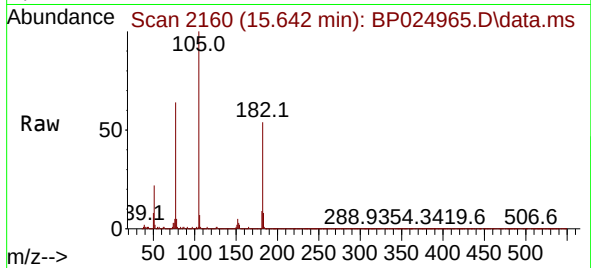




#63
Azobenzene
Concen: 4.589 ng
RT: 15.642 min Scan# 2155
Delta R.T. 0.029 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

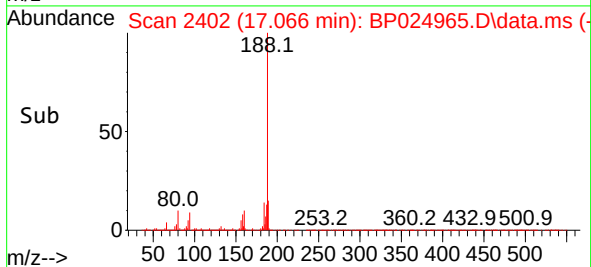
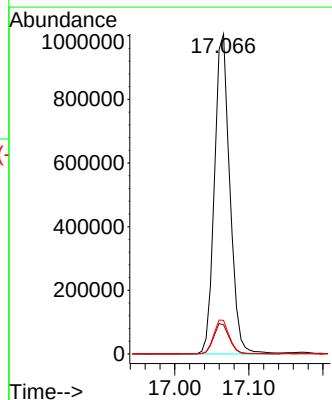
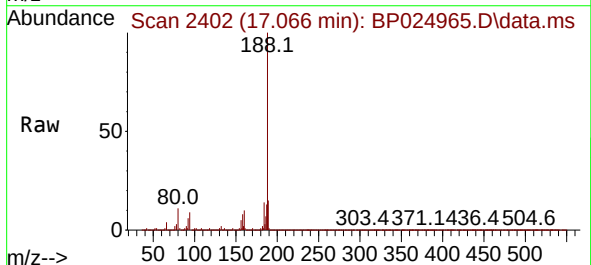
Instrument :
BNA_P
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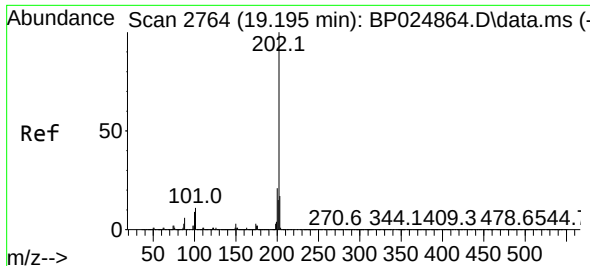
Tgt Ion: 77 Resp: 219611
Ion Ratio Lower Upper
77 100
182 83.8 5.4 45.4#
105 156.3 0.8 40.8#
51 34.6 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

Tgt Ion: 188 Resp: 1447748
Ion Ratio Lower Upper
188 100
94 9.1 7.3 10.9
80 10.5 8.5 12.7

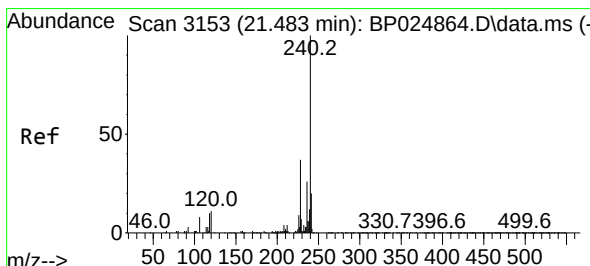
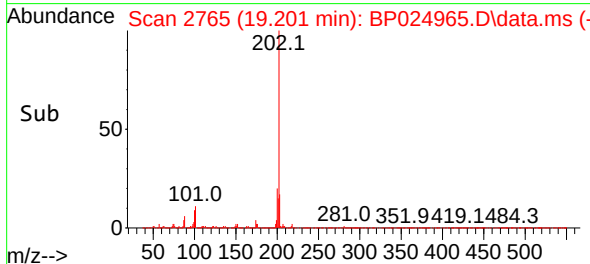
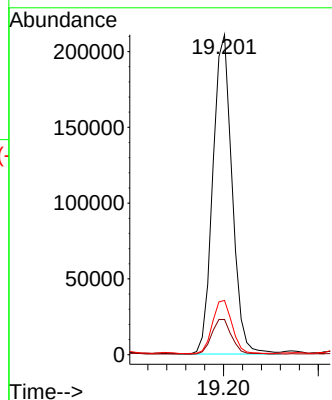
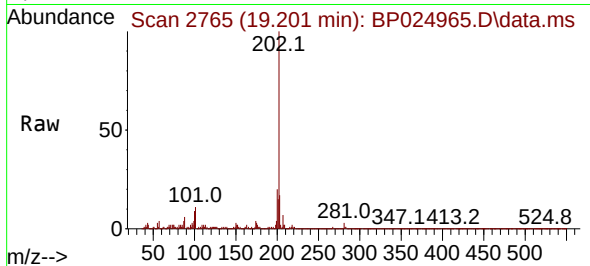




#75
Fluoranthene
Concen: 3.210 ng
RT: 19.201 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

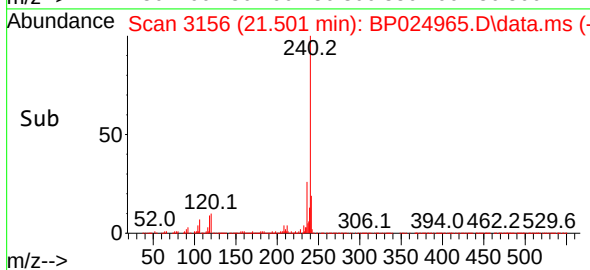
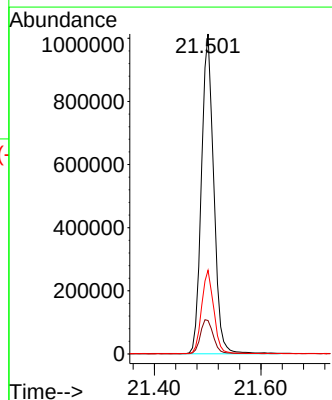
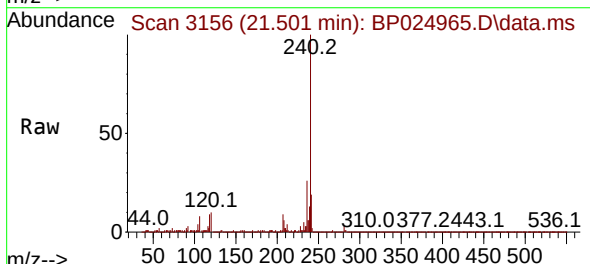
Instrument :
BNA_P
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TP03-MH2MH3-WC

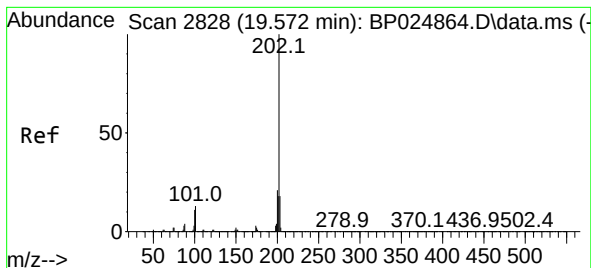
Tgt Ion:202 Resp: 297660
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 17.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3156
Delta R.T. 0.017 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

Tgt Ion:240 Resp: 1623539
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 26.1 20.9 31.3





#78

Pyrene

Concen: 3.179 ng

RT: 19.577 min Scan# 2828

Delta R.T. 0.006 min

Lab File: BP024965.D

Acq: 16 Jun 2025 17:44

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WC

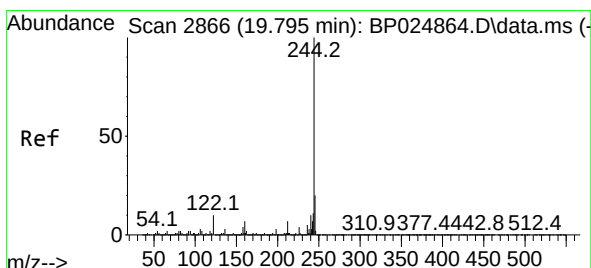
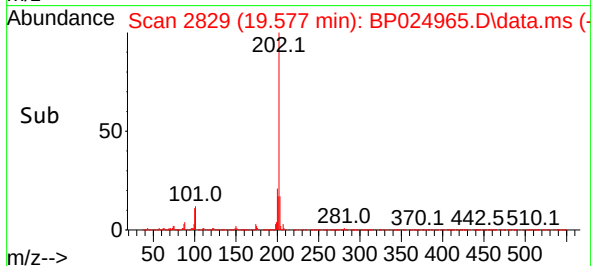
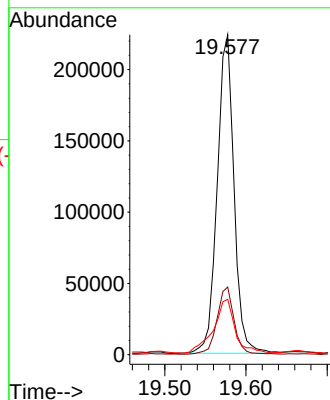
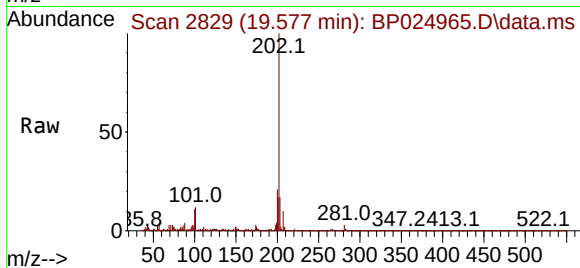
Tgt Ion:202 Resp: 322468

Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.3 14.0 21.0



#79

Terphenyl-d14

Concen: 46.043 ng

RT: 19.795 min Scan# 2866

Delta R.T. -0.000 min

Lab File: BP024965.D

Acq: 16 Jun 2025 17:44

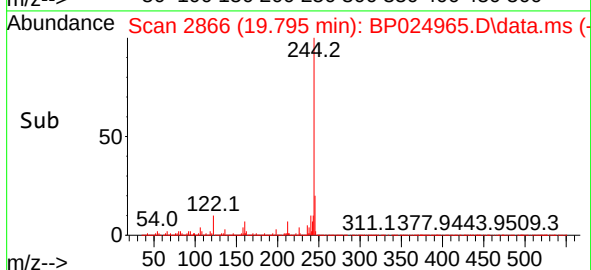
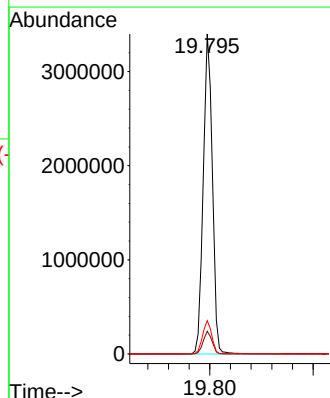
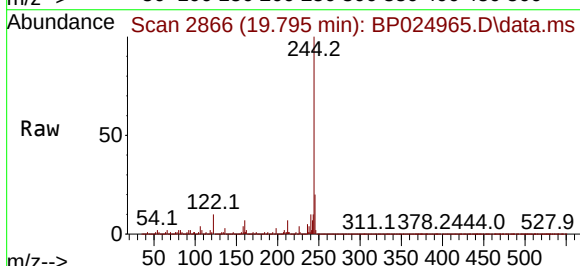
Tgt Ion:244 Resp: 4170873

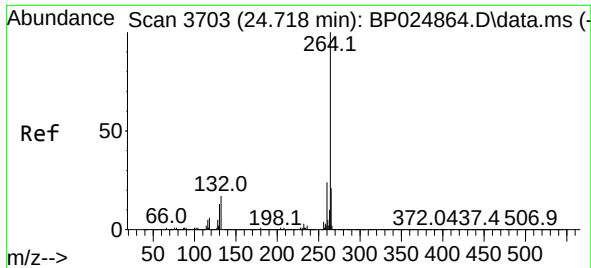
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.4 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.765 min Scan# 31
 Delta R.T. 0.047 min
 Lab File: BP024965.D
 Acq: 16 Jun 2025 17:44

Instrument :
 BNA_P
 ClientSampleId :
 TP03-MH2MH3-WC

Tgt Ion:264 Resp: 1889936
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.7 17.4 26.0

