

Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
 Data File : BP024969.D
 Acq On : 16 Jun 2025 20:27
 Operator : RC/JU
 Sample : Q2323-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-01-06132025

Quant Time: Jun 17 03:49:44 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)

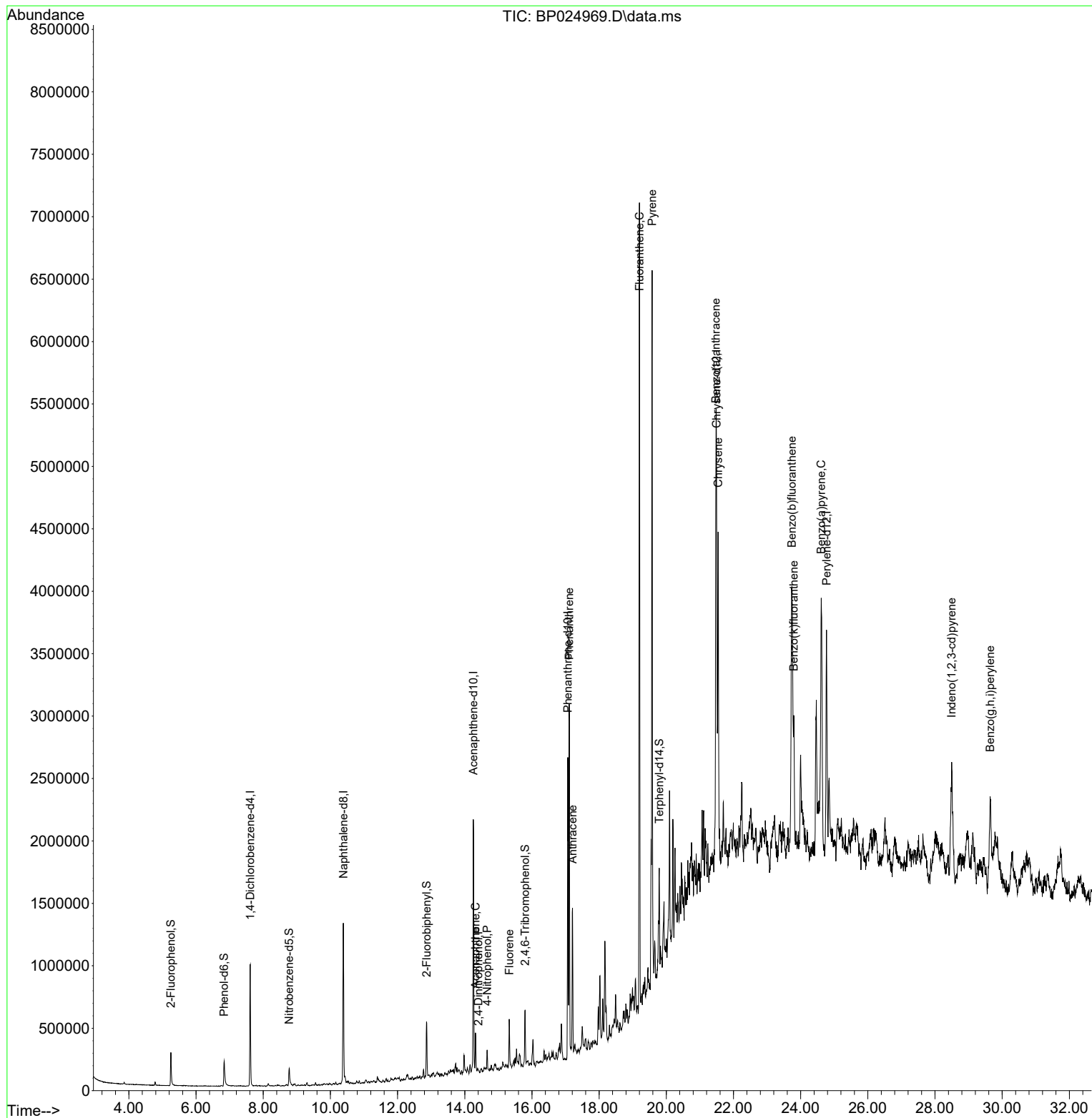
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	277760	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	1129177	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	710009	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1344799	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1391774	20.000	ng	0.01
86) Perylene-d12	24.771	264	1667148	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.249	112	144539	8.686	ng	0.00
7) Phenol-d6	6.837	99	185678	8.433	ng	0.02
23) Nitrobenzene-d5	8.772	82	110496	4.755	ng	0.01
42) 2,4,6-Tribromophenol	15.795	330	83845	8.541	ng	0.01
45) 2-Fluorobiphenyl	12.860	172	273980	5.198	ng	0.00
79) Terphenyl-d14	19.789	244	428800	5.522	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.319	154	101747	2.685	ng	94
54) 2,4-Dinitrophenol	14.407	184	101	5.576	ng	# 1
56) 4-Nitrophenol	14.666	139	38294	9.008	ng	# 17
58) Fluorene	15.325	166	174152	3.545	ng	98
71) Phenanthrene	17.107	178	1644386	22.127	ng	99
72) Anthracene	17.207	178	753710	10.014	ng	99
75) Fluoranthene	19.201	202	3860937	44.824	ng	99
78) Pyrene	19.577	202	3334354	38.348	ng	99
81) Benzo(a)anthracene	21.477	228	2050915	23.040	ng	99
83) Chrysene	21.542	228	1692305	20.064	ng	97
87) Indeno(1,2,3-cd)pyrene	28.495	276	1376641	11.317	ng	96
88) Benzo(b)fluoranthene	23.736	252	2627039	27.534	ng	# 95
89) Benzo(k)fluoranthene	23.795	252	823690	8.481	ng	# 94
90) Benzo(a)pyrene	24.612	252	2068709	22.202	ng	97
92) Benzo(g,h,i)perylene	29.642	276	1301042	13.244	ng	97

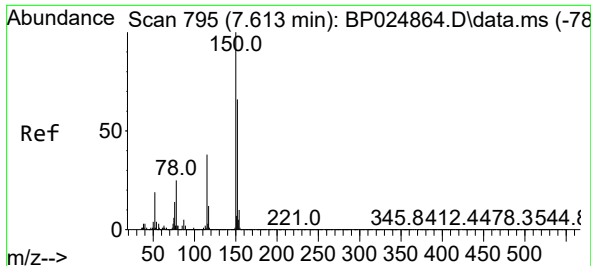
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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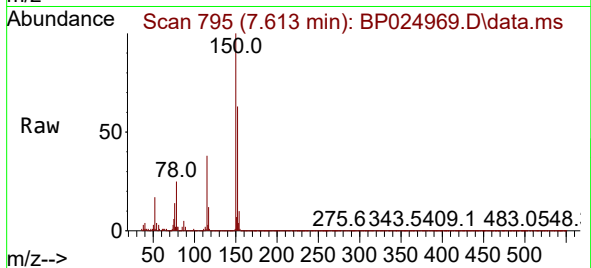
Quant Time: Jun 17 03:49:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
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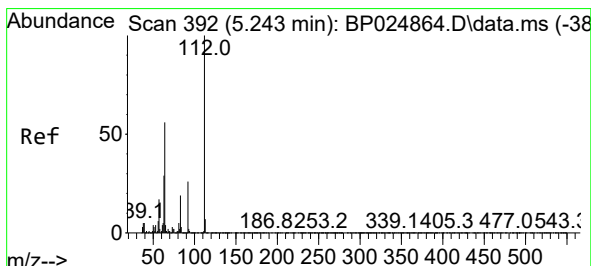
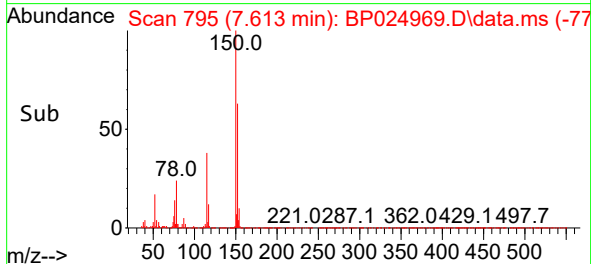
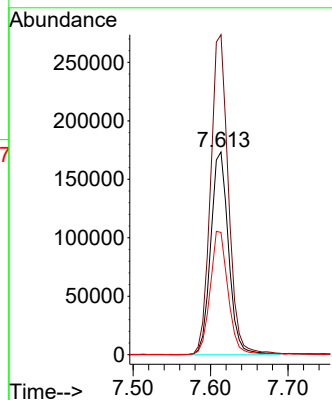


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

Instrument :
BNA_P
ClientSampleId :
PL-01-06132025

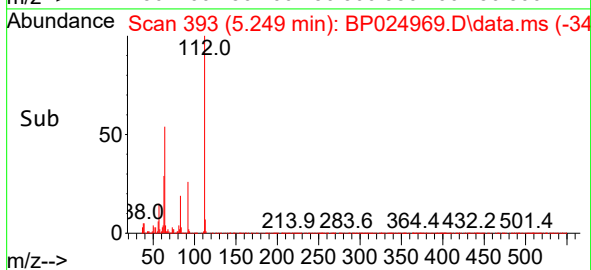
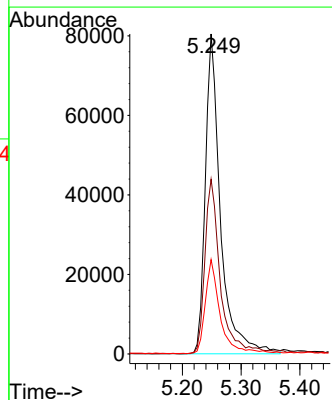
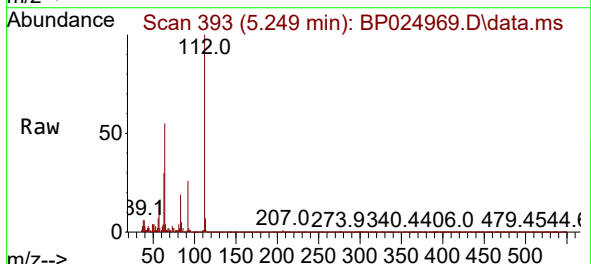


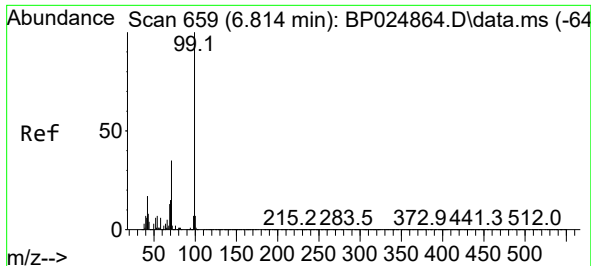
Tgt Ion:152 Resp: 277760
Ion Ratio Lower Upper
152 100
150 157.8 122.1 183.1
115 60.3 46.4 69.6



#5
2-Fluorophenol
Concen: 8.686 ng
RT: 5.249 min Scan# 393
Delta R.T. 0.006 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

Tgt Ion:112 Resp: 144539
Ion Ratio Lower Upper
112 100
64 54.6 44.7 67.1
63 29.5 23.5 35.3

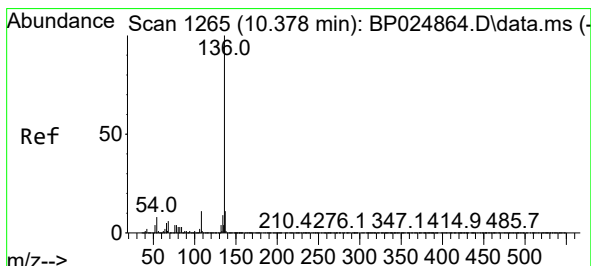
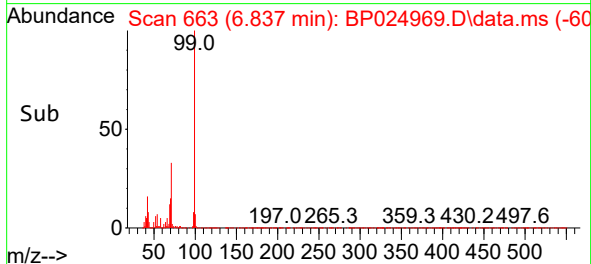
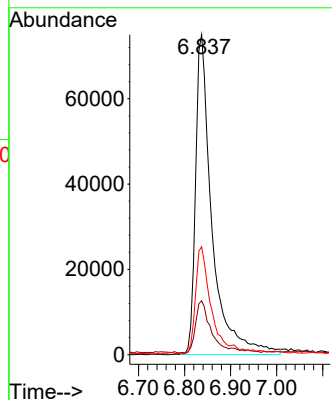
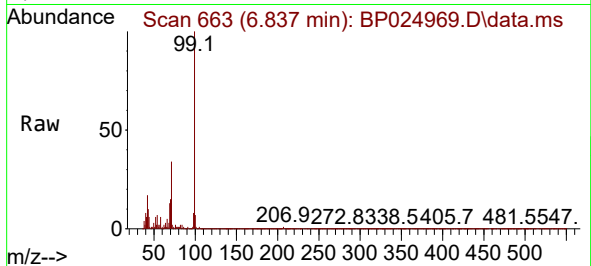




#7
Phenol-d6
Concen: 8.433 ng
RT: 6.837 min Scan# 60
Delta R.T. 0.023 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

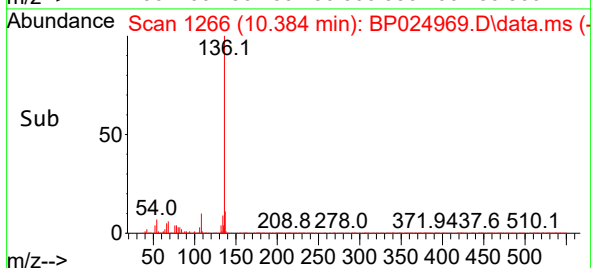
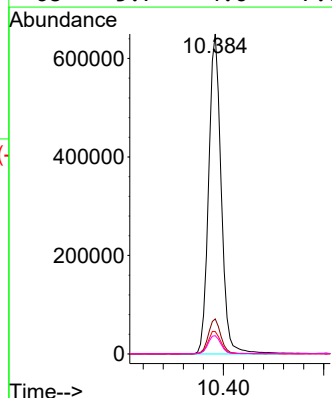
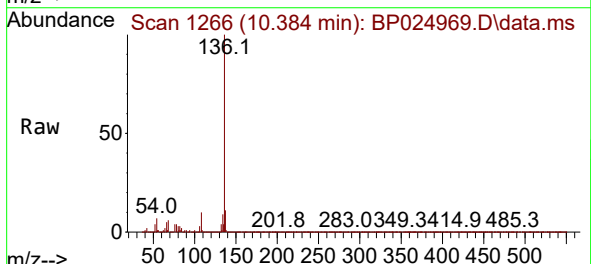
Instrument :
BNA_P
ClientSampleId :
PL-01-06132025

Tgt Ion: 99 Resp: 185678
Ion Ratio Lower Upper
99 100
42 16.9 13.4 20.2
71 33.7 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.384 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

Tgt Ion: 136 Resp: 1129177
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.0 6.1 9.1
68 5.7 4.6 7.0

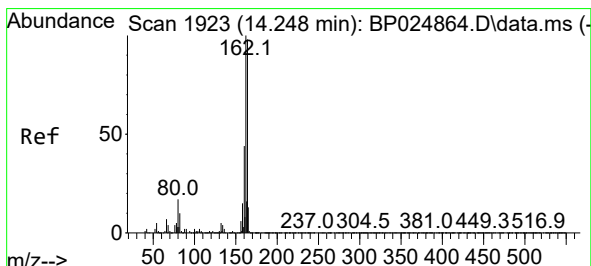
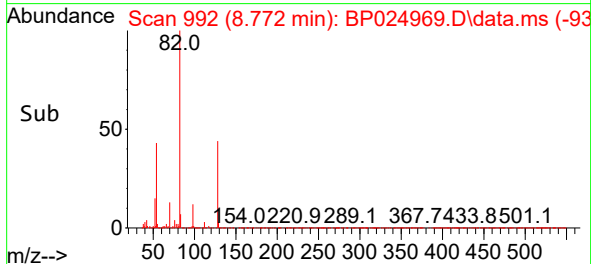
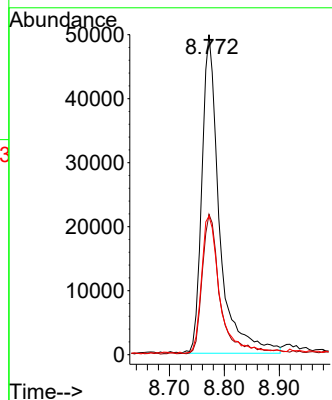
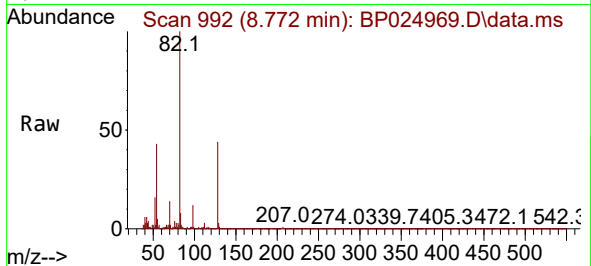




#23
Nitrobenzene-d5
Concen: 4.755 ng
RT: 8.772 min Scan# 991
Delta R.T. 0.012 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

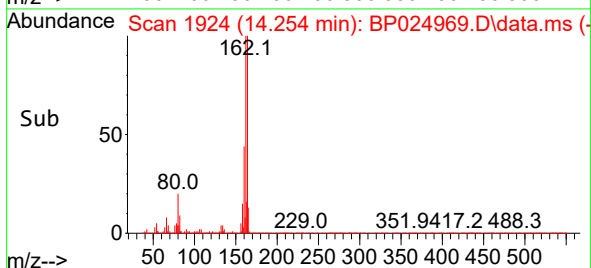
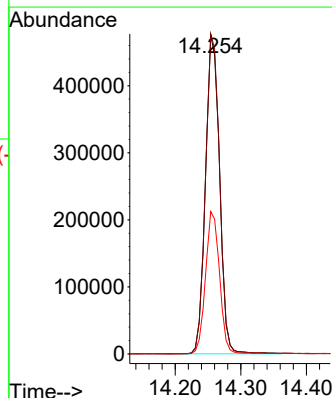
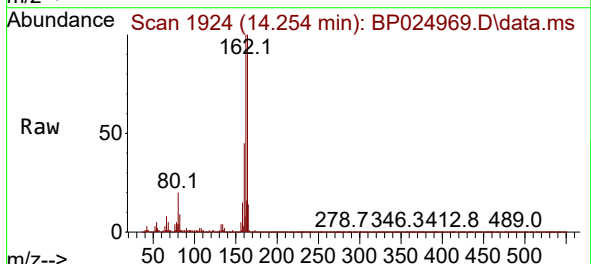
Instrument :
BNA_P
ClientSampleId :
PL-01-06132025

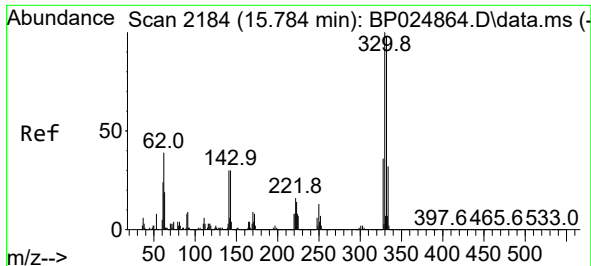
Tgt Ion: 82 Resp: 110496
Ion Ratio Lower Upper
82 100
128 43.9 35.3 52.9
54 43.3 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

Tgt Ion:164 Resp: 710009
Ion Ratio Lower Upper
164 100
162 100.4 81.6 122.4
160 44.7 36.2 54.2

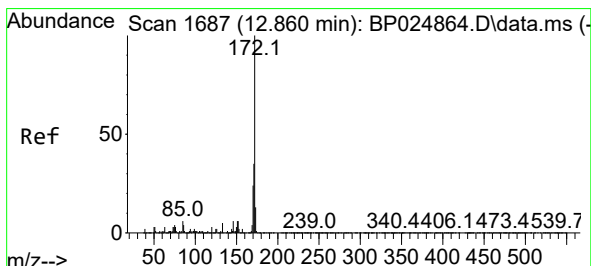
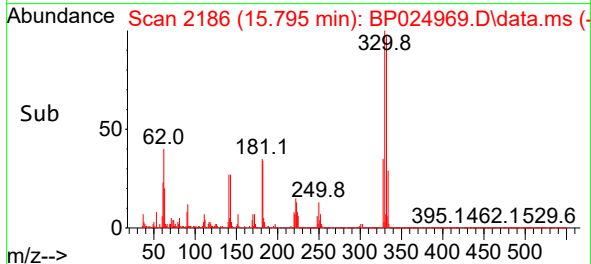
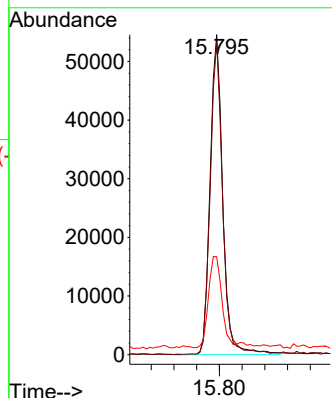
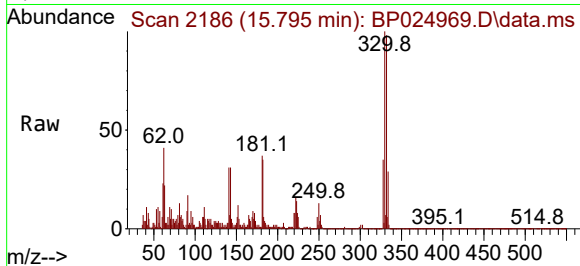




#42
2,4,6-Tribromophenol
Concen: 8.541 ng
RT: 15.795 min Scan# 2186
Delta R.T. 0.012 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

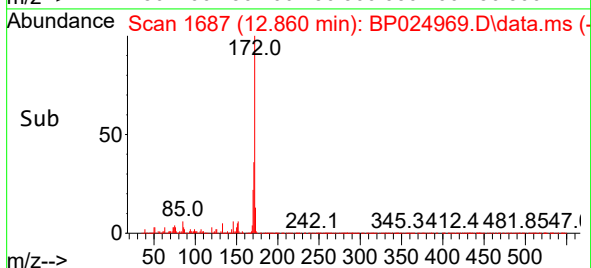
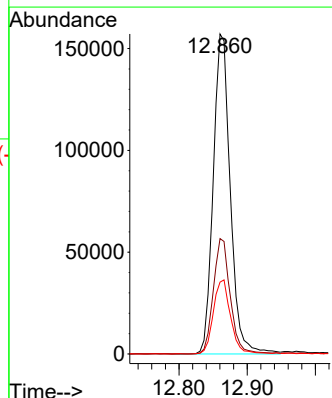
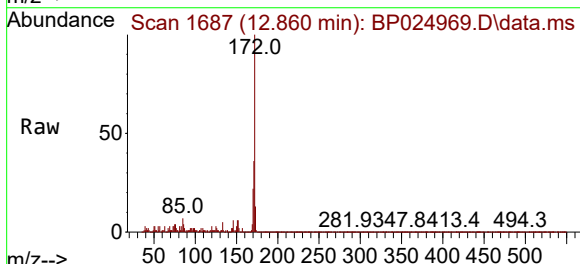
Instrument :
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ClientSampleId :
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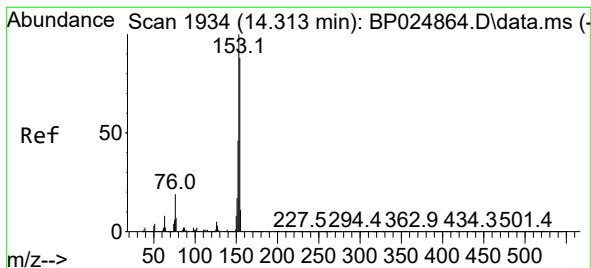
Tgt Ion: 330 Resp: 83845
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 30.0 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 5.198 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

Tgt Ion: 172 Resp: 273980
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 22.5 19.0 28.4





#52

Acenaphthene

Concen: 2.685 ng

RT: 14.319 min Scan# 1934

Delta R.T. 0.006 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

Instrument :

BNA_P

ClientSampleId :

PL-01-06132025

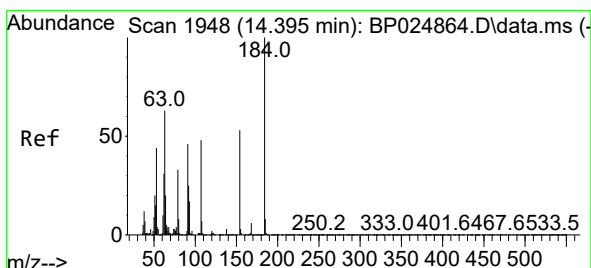
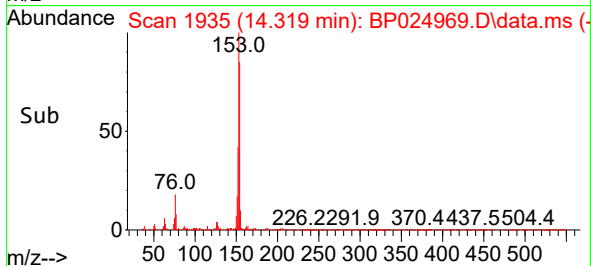
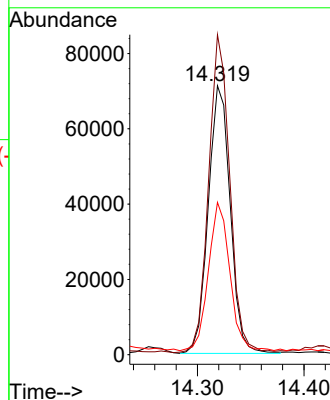
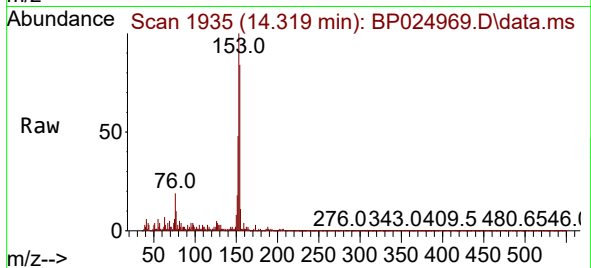
Tgt Ion:154 Resp: 101747

Ion Ratio Lower Upper

154 100

153 119.0 90.5 135.7

152 56.6 42.1 63.1



#54

2,4-Dinitrophenol

Concen: 5.576 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.012 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

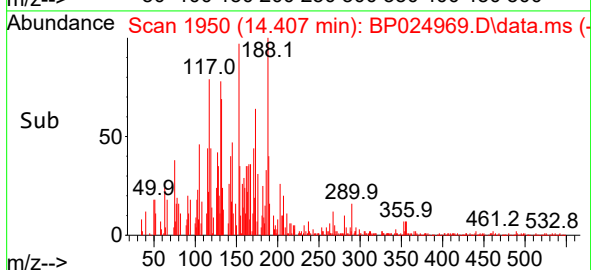
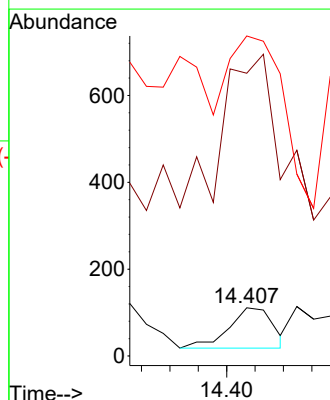
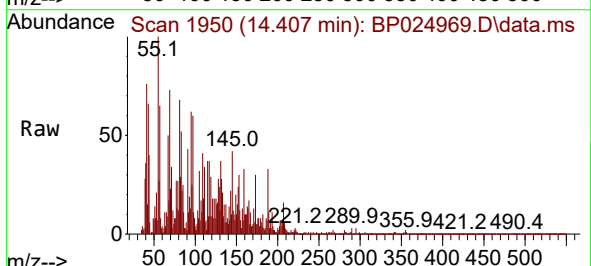
Tgt Ion:184 Resp: 101

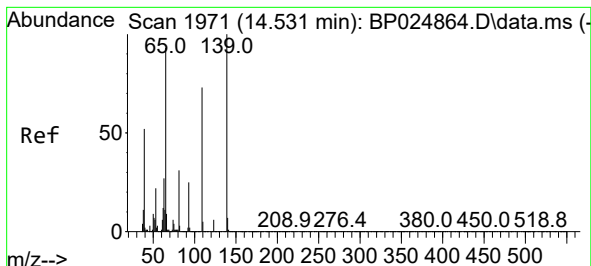
Ion Ratio Lower Upper

184 100

63 586.5 51.0 76.4#

154 664.0 51.7 77.5#

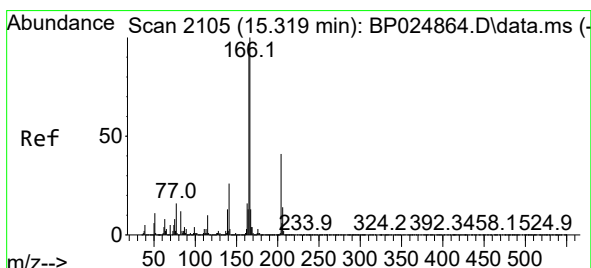
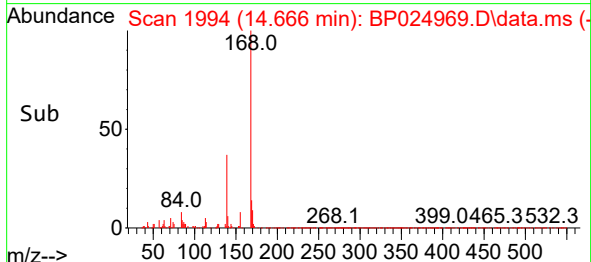
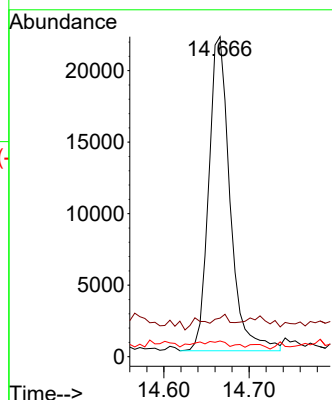
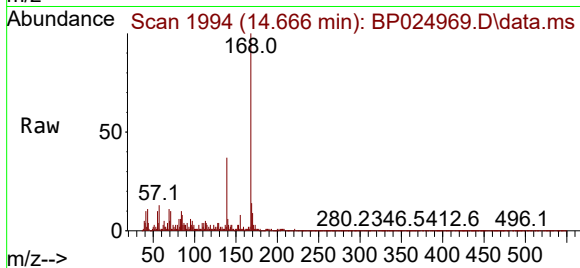




#56
4-Nitrophenol
Concen: 9.008 ng
RT: 14.666 min Scan# 1971
Delta R.T. 0.135 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

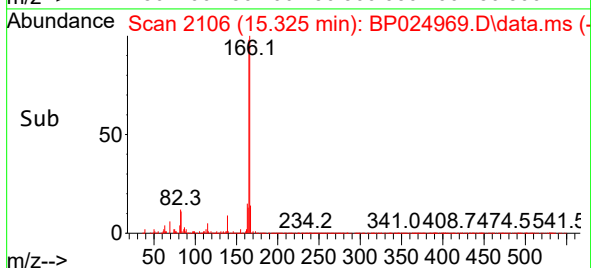
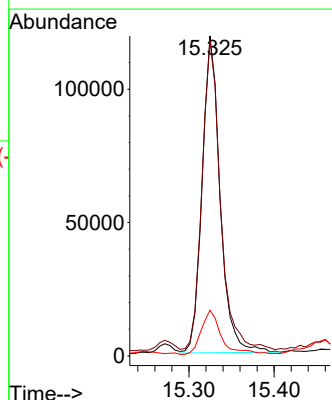
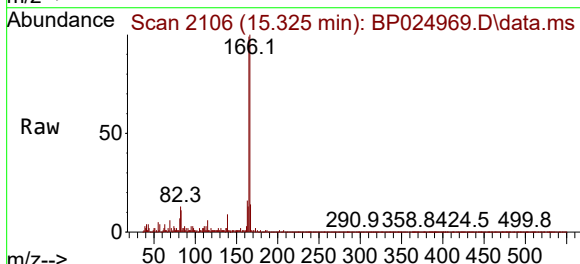
Instrument :
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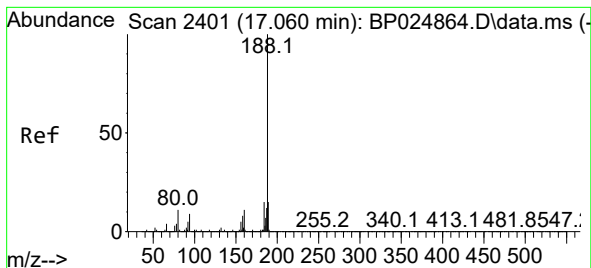
Tgt Ion:139 Resp: 38294
Ion Ratio Lower Upper
139 100
109 12.0 53.1 93.1#
65 4.9 73.0 113.0#



#58
Fluorene
Concen: 3.545 ng
RT: 15.325 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

Tgt Ion:166 Resp: 174152
Ion Ratio Lower Upper
166 100
165 98.6 77.7 116.5
167 14.3 10.6 16.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.066 min Scan# 2401

Delta R.T. 0.006 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

Instrument :

BNA_P

ClientSampleId :

PL-01-06132025

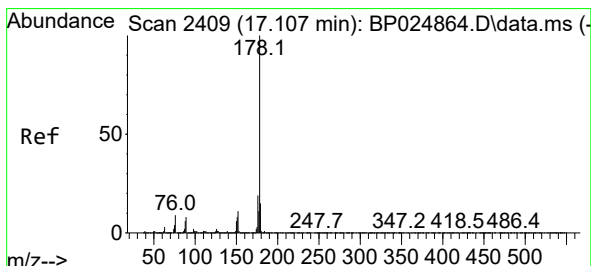
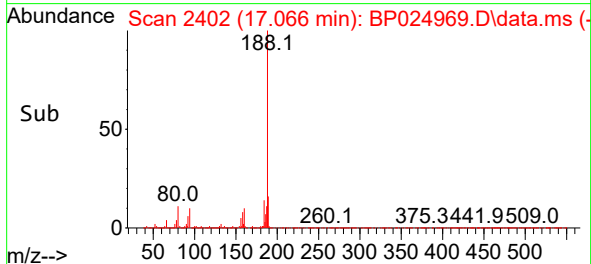
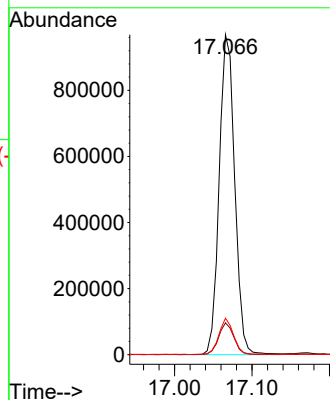
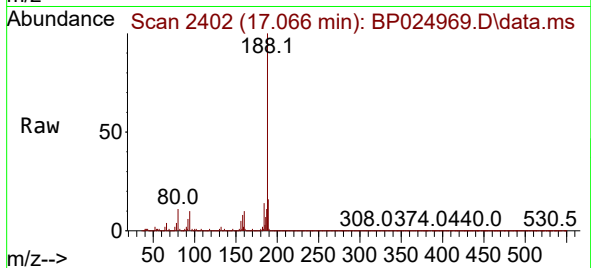
Tgt Ion:188 Resp: 1344799

Ion Ratio Lower Upper

188 100

94 10.0 7.3 10.9

80 11.4 8.5 12.7



#71

Phenanthrene

Concen: 22.127 ng

RT: 17.107 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

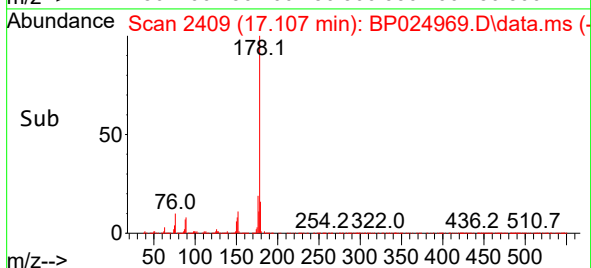
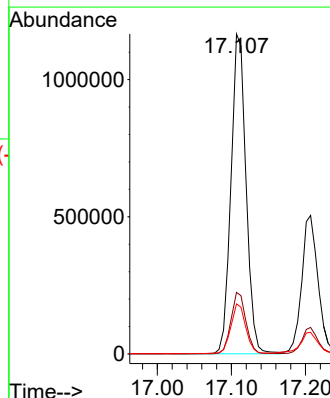
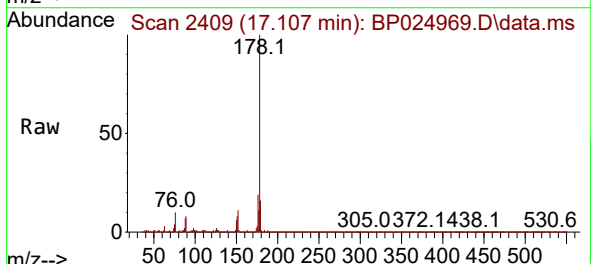
Tgt Ion:178 Resp: 1644386

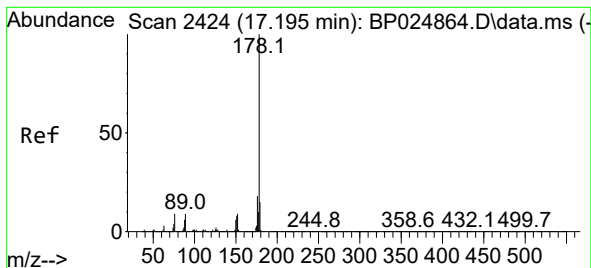
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.6 12.1 18.1





#72

Anthracene

Concen: 10.014 ng

RT: 17.207 min Scan# 24

Delta R.T. 0.012 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

Instrument :

BNA_P

ClientSampleId :

PL-01-06132025

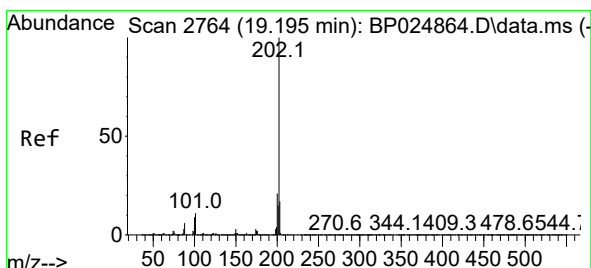
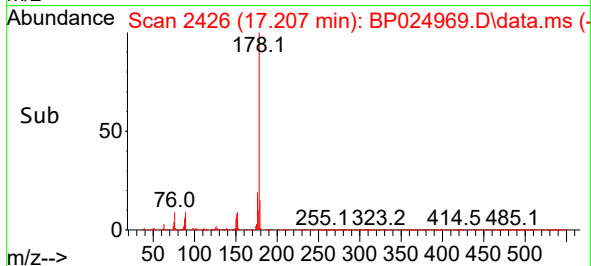
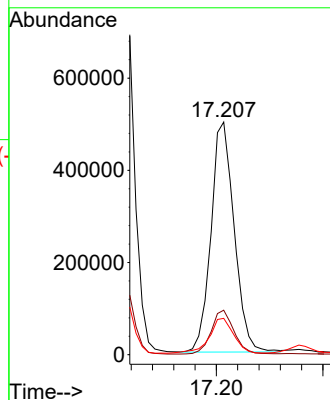
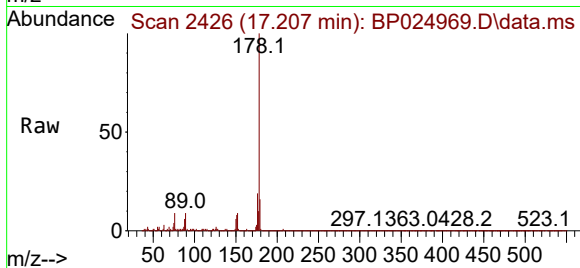
Tgt Ion:178 Resp: 753710

Ion Ratio Lower Upper

178 100

176 19.1 14.7 22.1

179 15.6 12.3 18.5



#75

Fluoranthene

Concen: 44.824 ng

RT: 19.201 min Scan# 2765

Delta R.T. 0.006 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

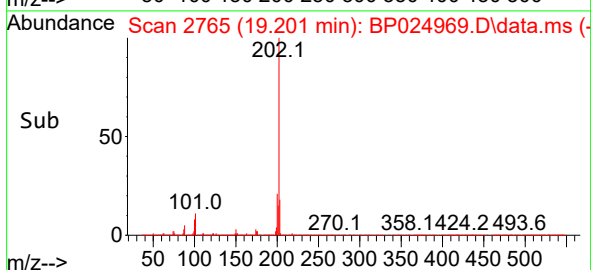
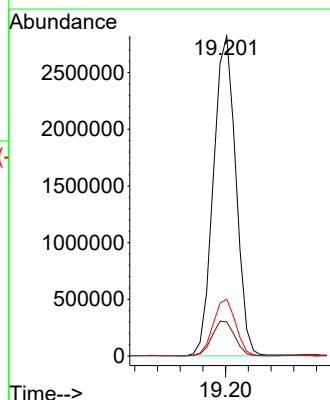
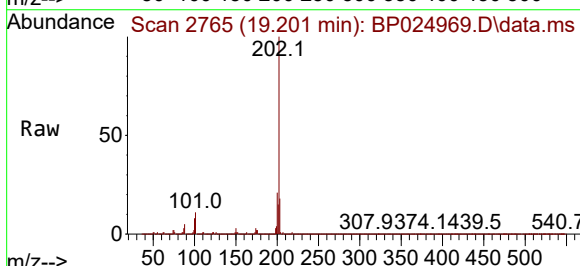
Tgt Ion:202 Resp: 3860937

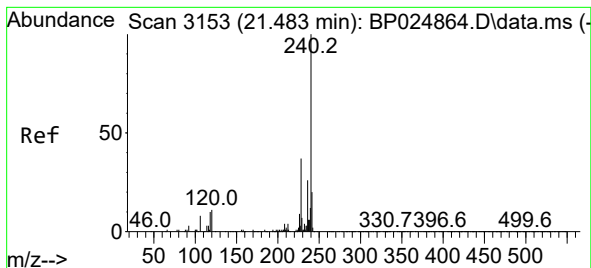
Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.4

203 17.7 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.495 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

Instrument :

BNA_P

ClientSampleId :

PL-01-06132025

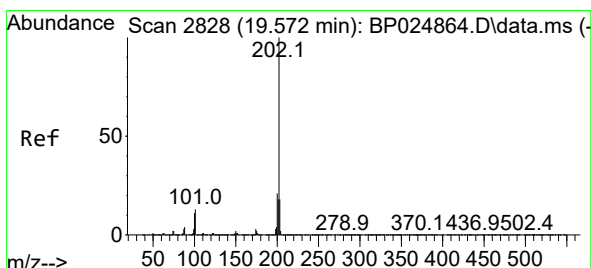
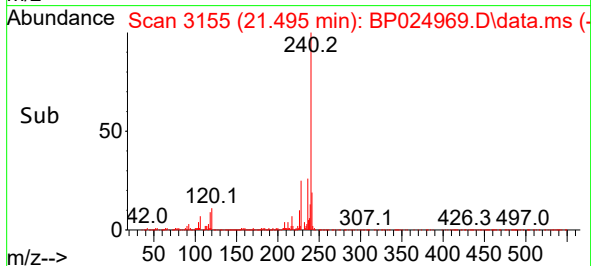
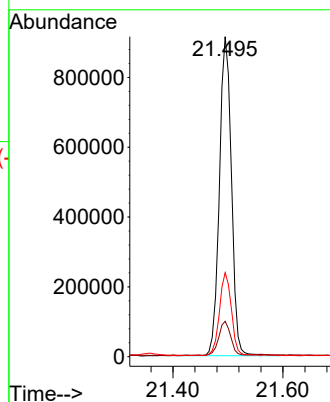
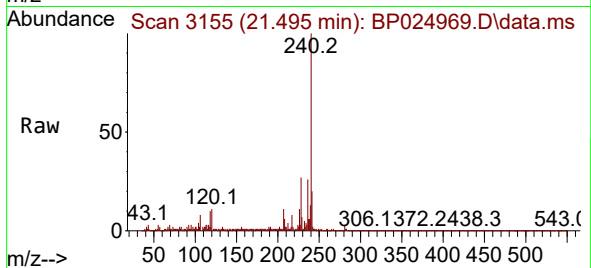
Tgt Ion:240 Resp: 1391774

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 26.2 20.9 31.3



#78

Pyrene

Concen: 38.348 ng

RT: 19.577 min Scan# 2829

Delta R.T. 0.006 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

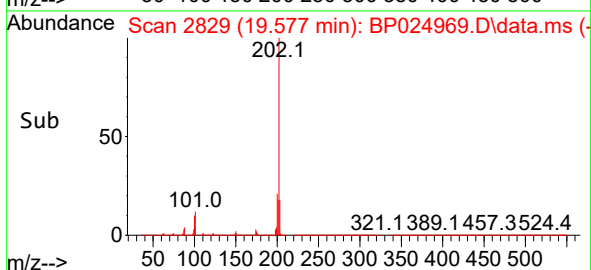
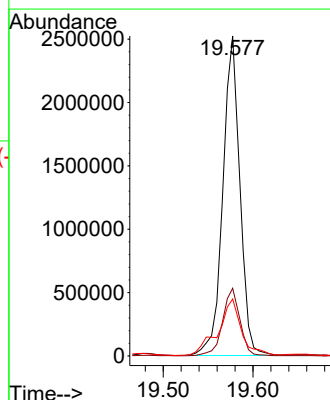
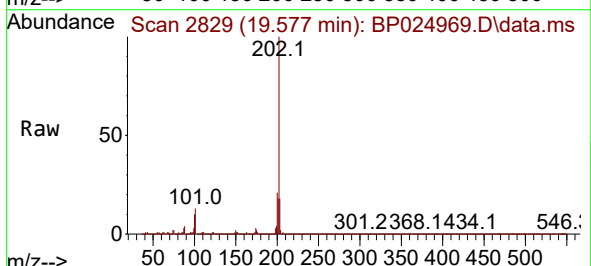
Tgt Ion:202 Resp: 3334354

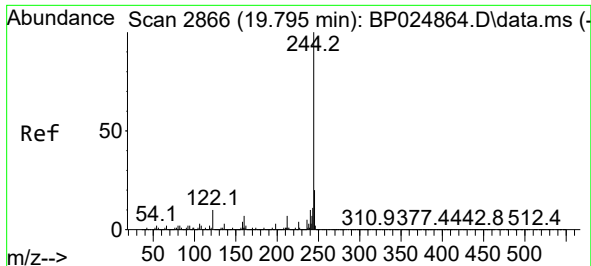
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.8 14.0 21.0

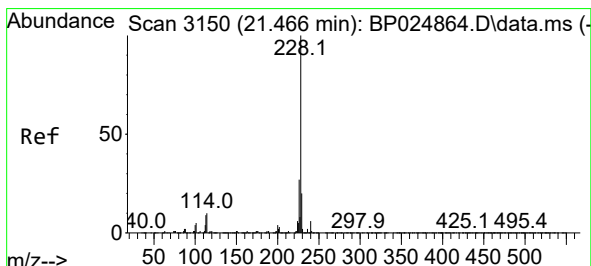
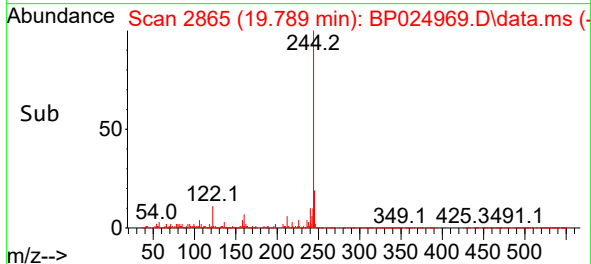
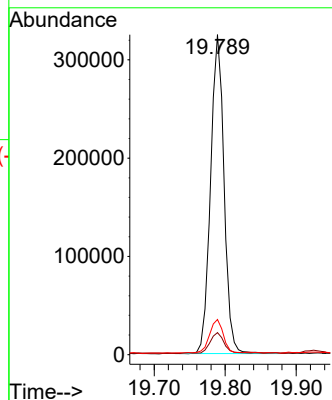
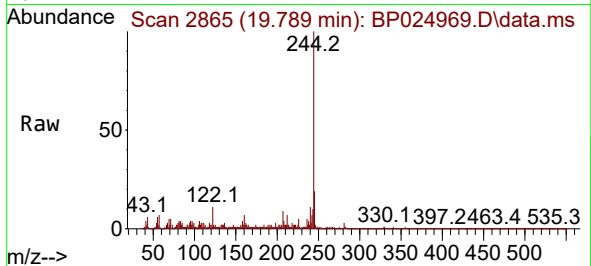




#79
 Terphenyl-d14
 Concen: 5.522 ng
 RT: 19.789 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024969.D
 Acq: 16 Jun 2025 20:27

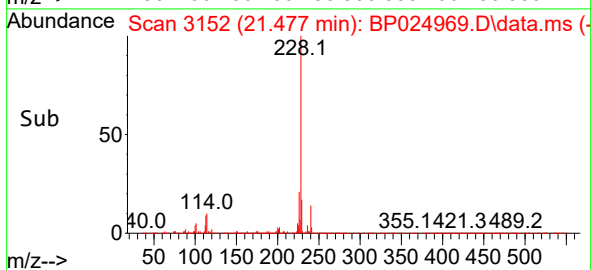
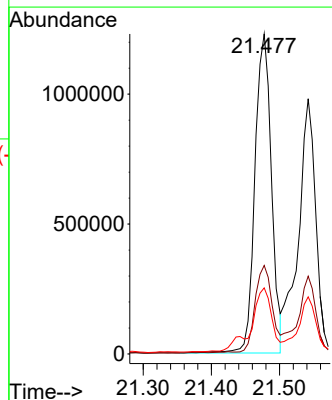
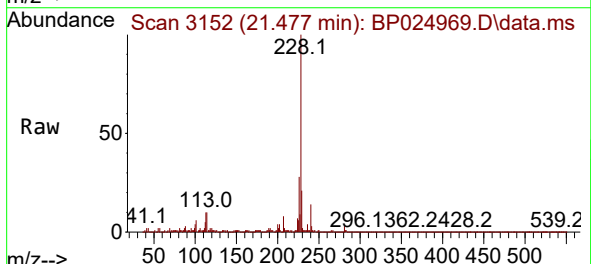
Instrument :
 BNA_P
 ClientSampleId :
 PL-01-06132025

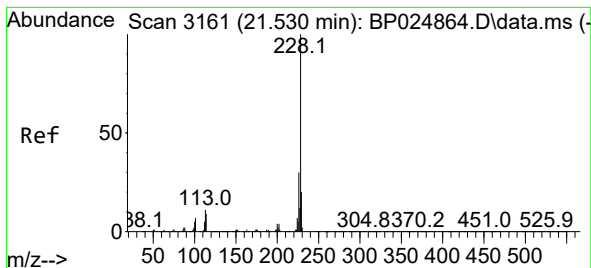
Tgt Ion:244 Resp: 428800
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.0 7.7 11.5



#81
 Benzo(a)anthracene
 Concen: 23.040 ng
 RT: 21.477 min Scan# 3152
 Delta R.T. 0.012 min
 Lab File: BP024969.D
 Acq: 16 Jun 2025 20:27

Tgt Ion:228 Resp: 2050915
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.1 33.1
 229 20.6 15.9 23.9





#83

Chrysene

Concen: 20.064 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.012 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

Instrument :

BNA_P

ClientSampleId :

PL-01-06132025

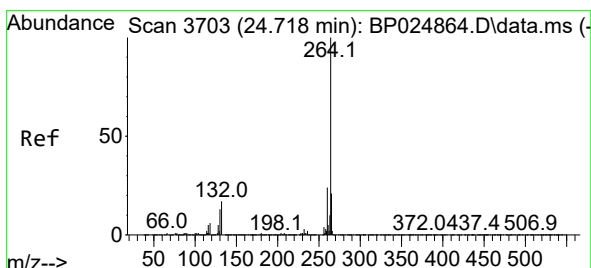
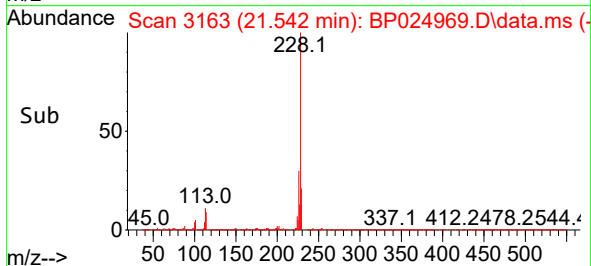
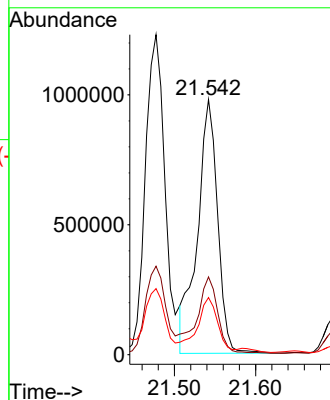
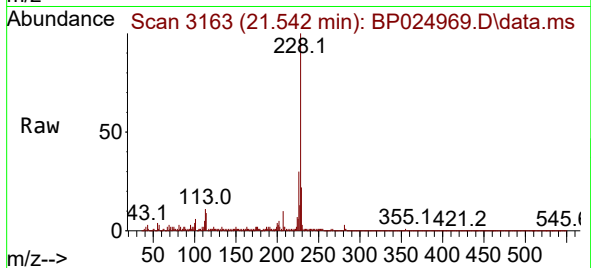
Tgt Ion:228 Resp: 1692305

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

229 22.4 15.6 23.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.053 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

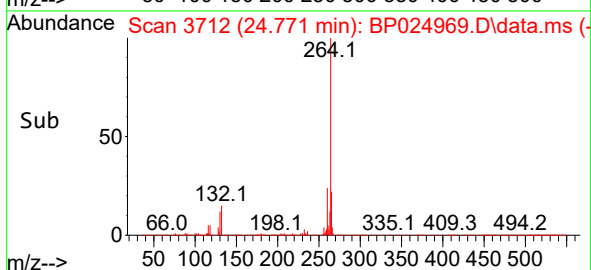
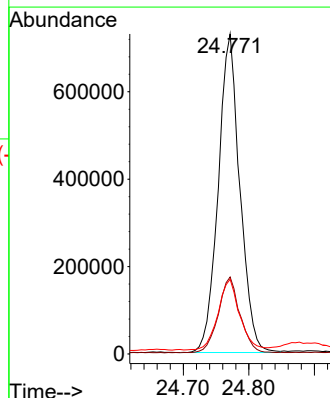
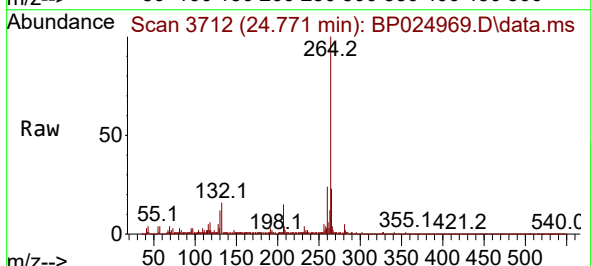
Tgt Ion:264 Resp: 1667148

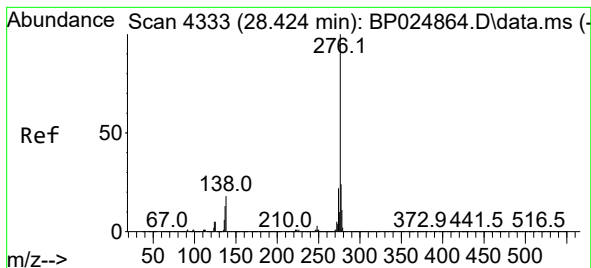
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 23.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 11.317 ng

RT: 28.495 min Scan# 41

Delta R.T. 0.070 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

Instrument :

BNA_P

ClientSampleId :

PL-01-06132025

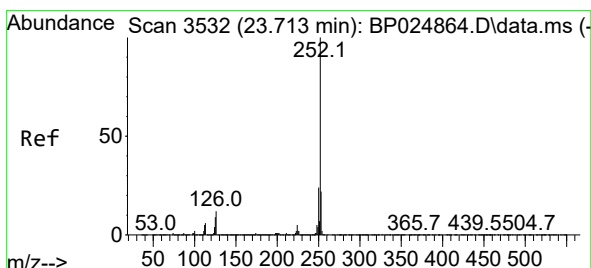
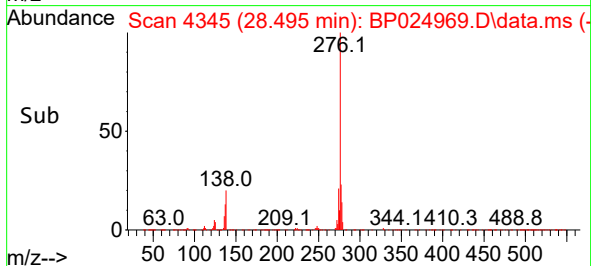
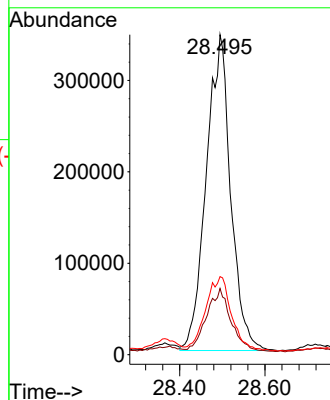
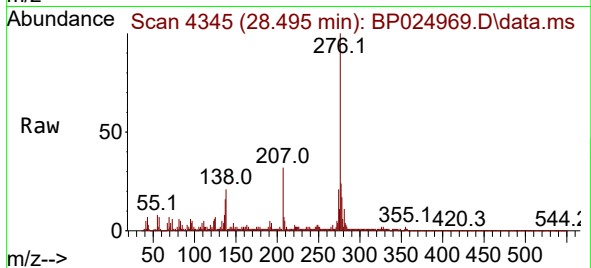
Tgt Ion:276 Resp: 1376641

Ion Ratio Lower Upper

276 100

138 19.9 18.6 27.8

277 24.8 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 27.534 ng

RT: 23.736 min Scan# 3536

Delta R.T. 0.023 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

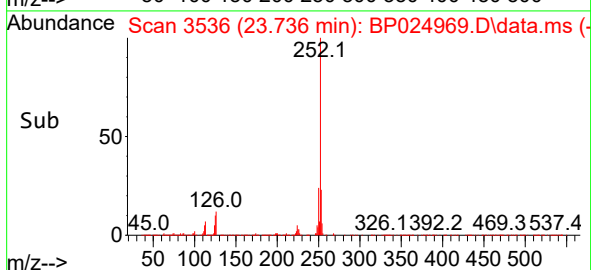
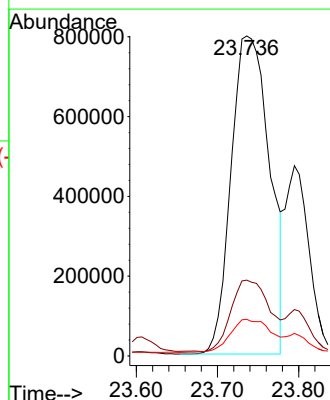
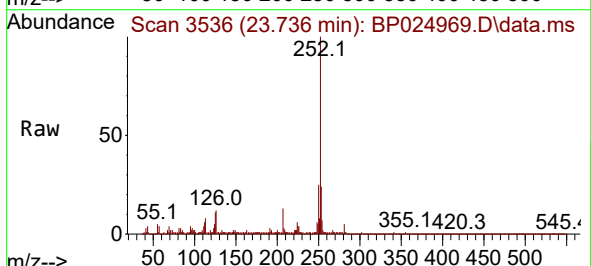
Tgt Ion:252 Resp: 2627039

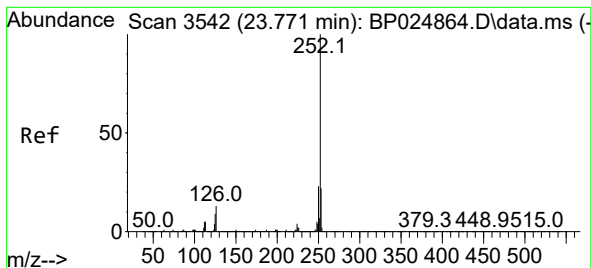
Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

125 11.5 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 8.481 ng

RT: 23.795 min Scan# 3

Delta R.T. 0.023 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

Instrument :

BNA_P

ClientSampleId :

PL-01-06132025

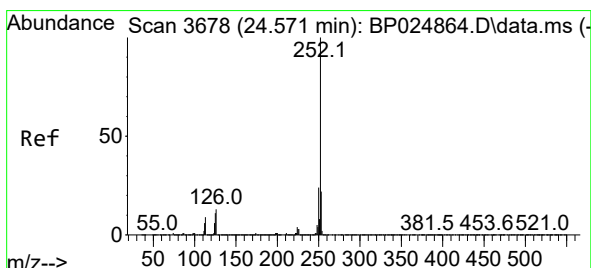
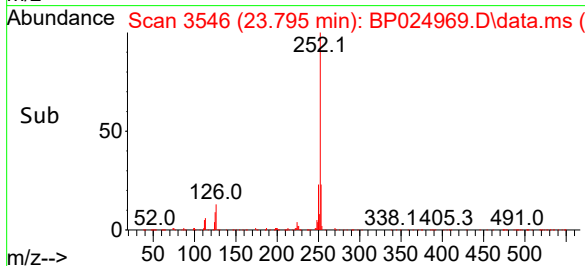
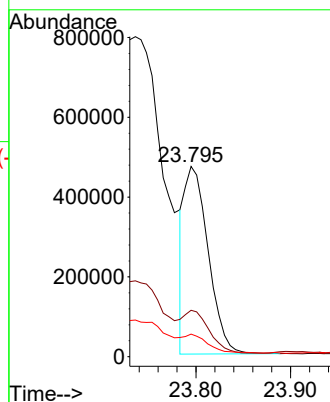
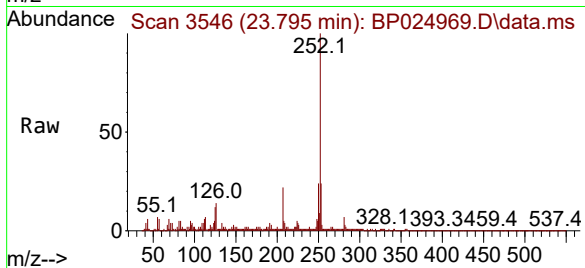
Tgt Ion:252 Resp: 823690

Ion Ratio Lower Upper

252 100

253 24.4 17.7 26.5

125 11.9 7.4 11.0#



#90

Benzo(a)pyrene

Concen: 22.202 ng

RT: 24.612 min Scan# 3685

Delta R.T. 0.041 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

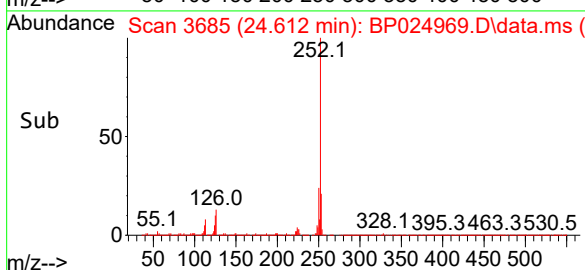
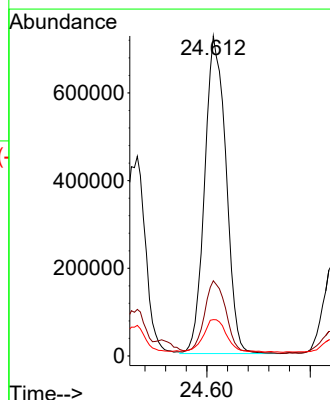
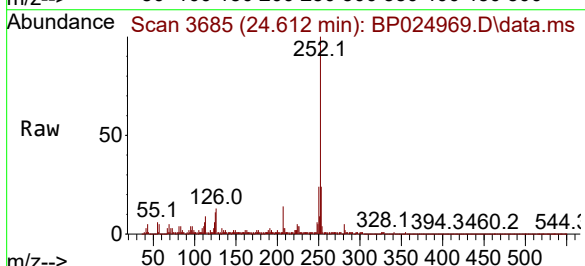
Tgt Ion:252 Resp: 2068709

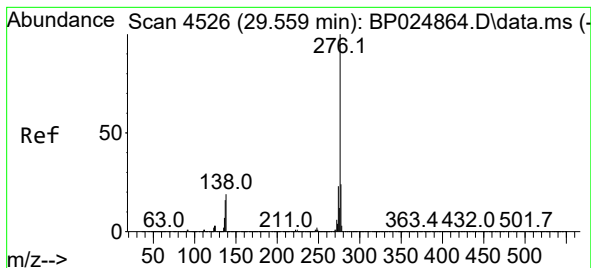
Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

125 11.4 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 13.244 ng

RT: 29.642 min Scan# 4

Delta R.T. 0.082 min

Lab File: BP024969.D

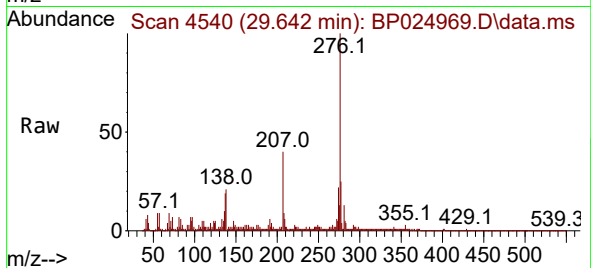
Acq: 16 Jun 2025 20:27

Instrument :

BNA_P

ClientSampleId :

PL-01-06132025



Tgt Ion:276 Resp: 1301042

Ion Ratio Lower Upper

276 100

277 24.5 19.1 28.7

138 21.3 15.4 23.2

