

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 01:21:31 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)

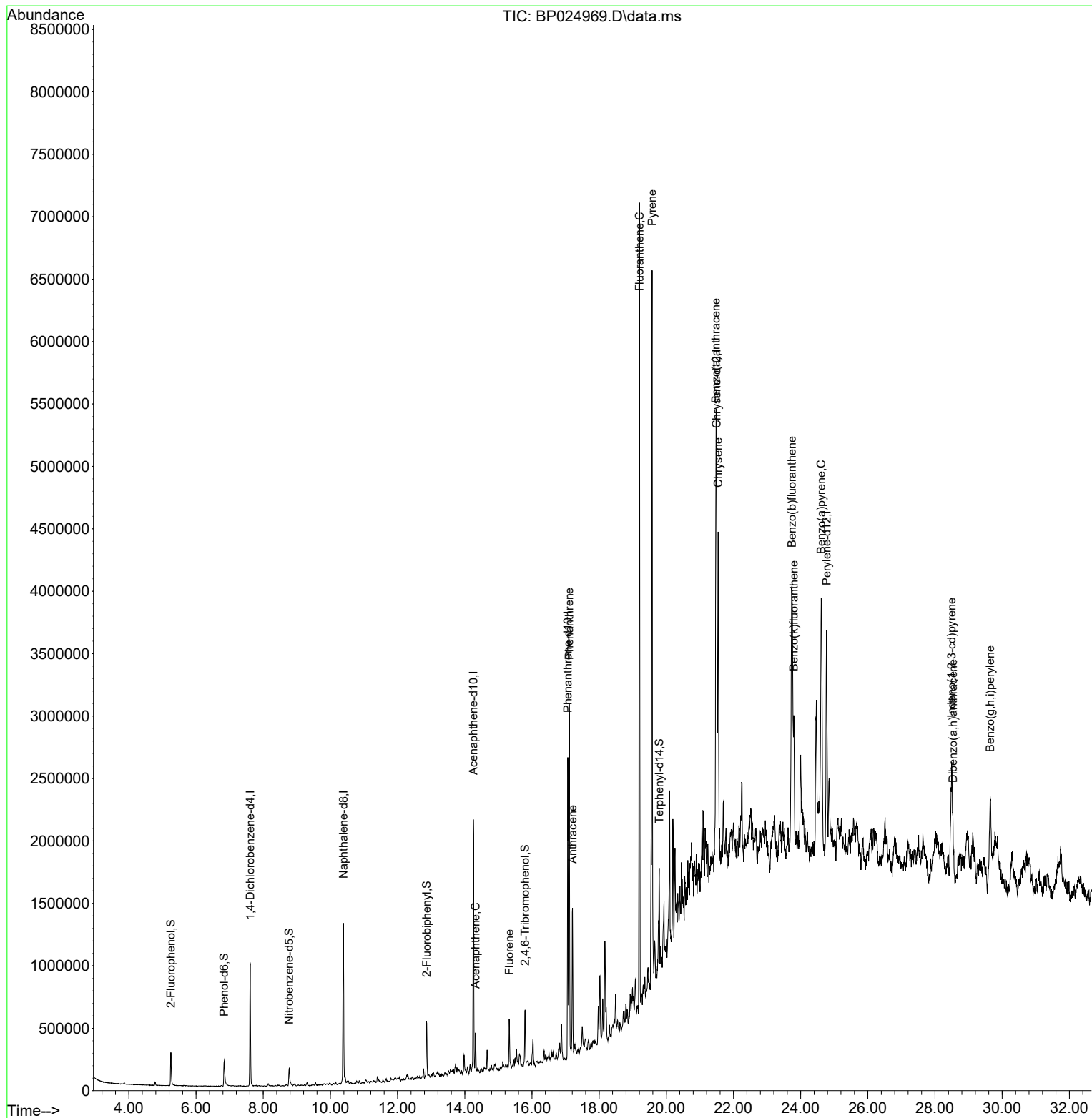
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	277760	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	1129177	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	710009	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1344799	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1391774	20.000	ng	0.01
86) Perylene-d12	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
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	1769023m	20.974	ng	
87) Indeno(1,2,3-cd)pyrene	28.495	276	1376641	11.317	ng	96
88) Benzo(b)fluoranthene	23.736	252	2636576m	27.634	ng	
89) Benzo(k)fluoranthene	23.795	252	962537m	9.911	ng	
90) Benzo(a)pyrene	24.612	252	2068709	22.202	ng	97
91) Dibenzo(a,h)anthracene	28.536	278	384406m	3.882	ng	
92) Benzo(g,h,i)perylene	29.642	276	1301042	13.244	ng	97

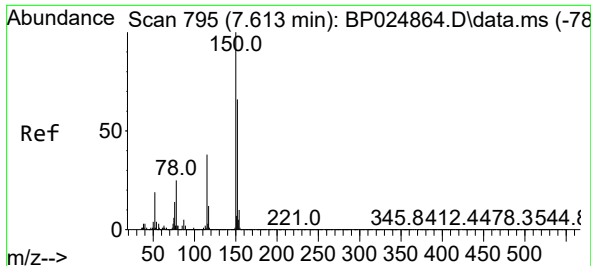
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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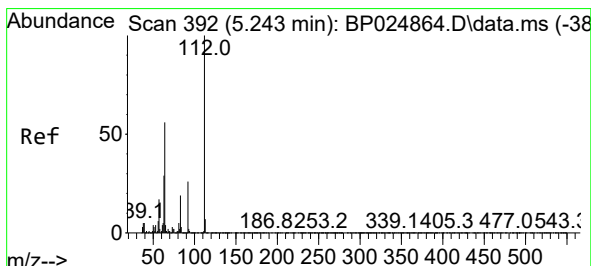
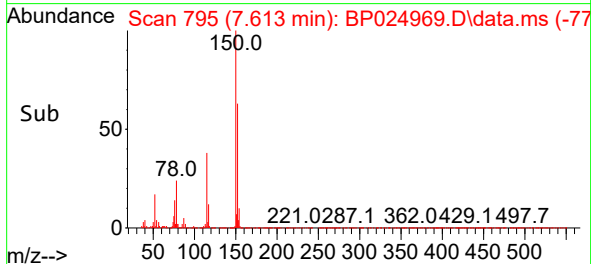
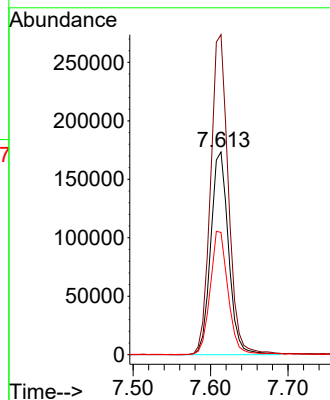
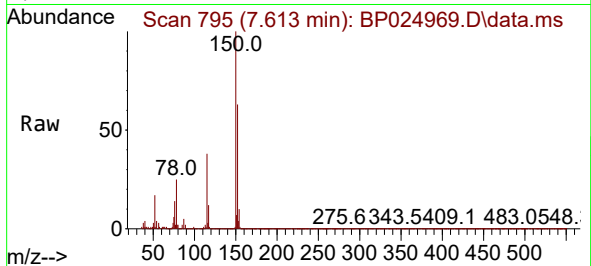




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

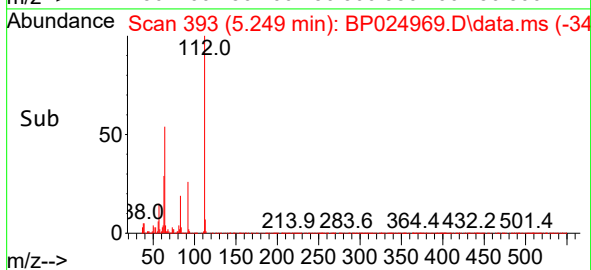
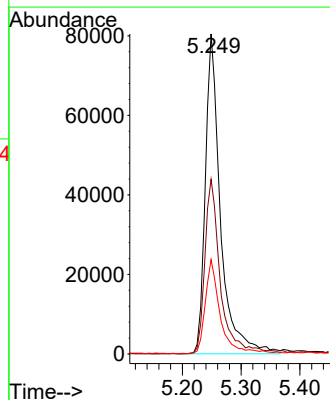
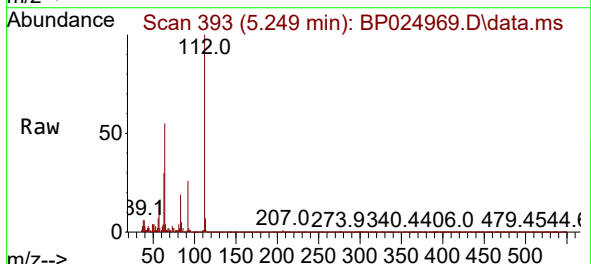
Instrument :
BNA_P
ClientSampleId :
PL-01-06132025

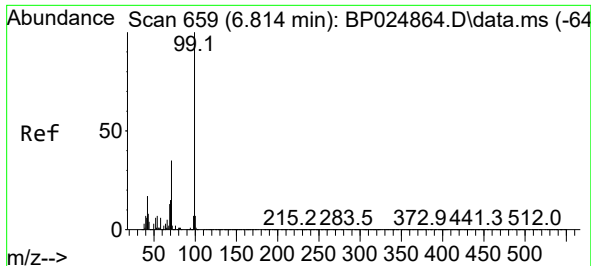
Tgt Ion:152 Resp: 277760
Ion Ratio Lower Upper
152 100
150 157.8 122.1 183.1
115 60.3 46.4 69.6



#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

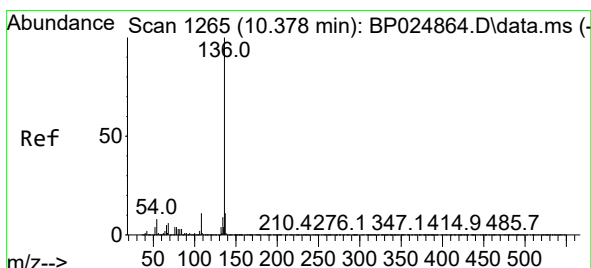
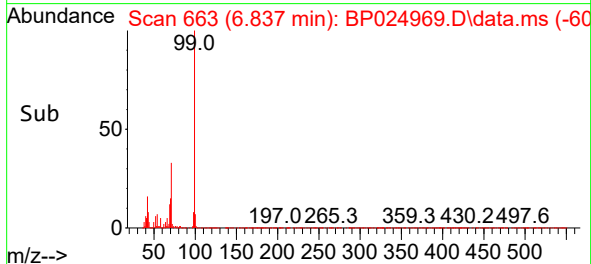
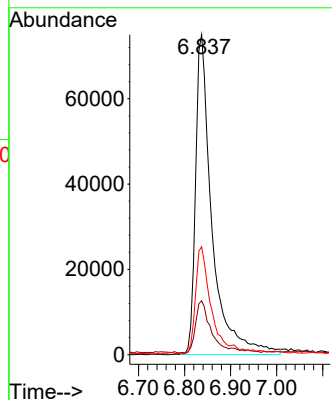
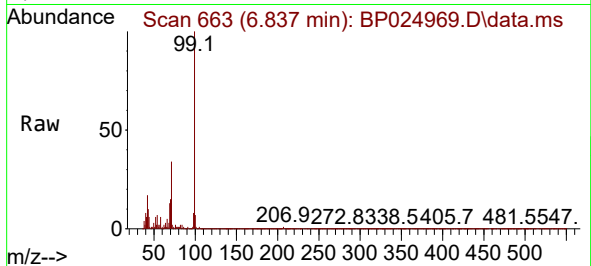




#7
Phenol-d6
Concen: 8.433 ng
RT: 6.837 min Scan# 60
Delta R.T. 0.023 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

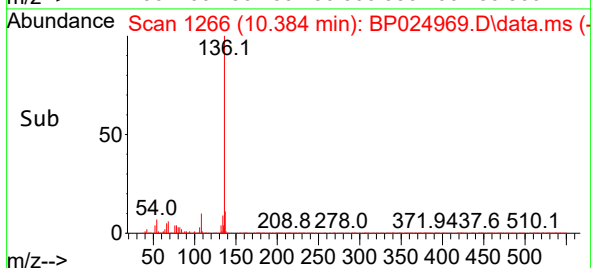
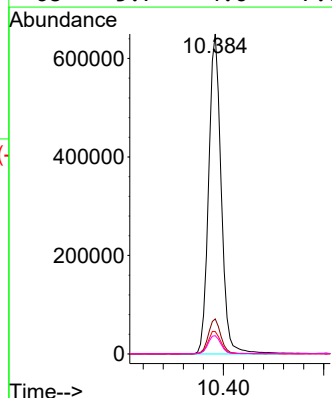
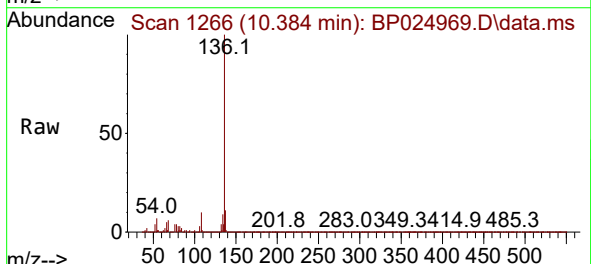
Instrument :
BNA_P
ClientSampleId :
PL-01-06132025

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

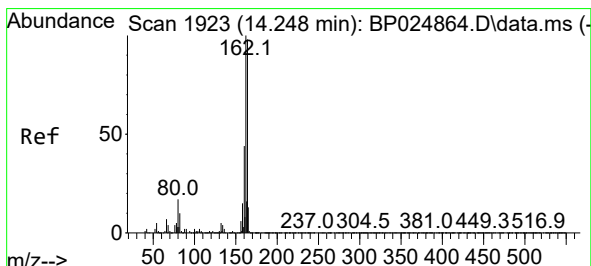
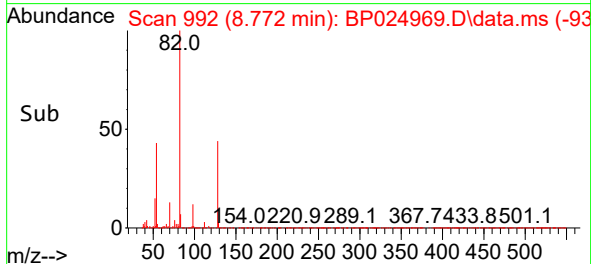
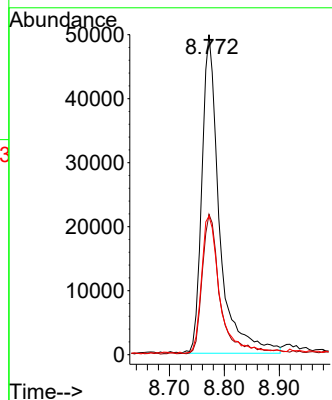
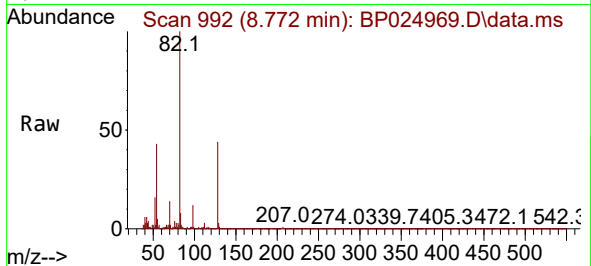




#23
Nitrobenzene-d5
Concen: 4.755 ng
RT: 8.772 min Scan# 991
Delta R.T. 0.012 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

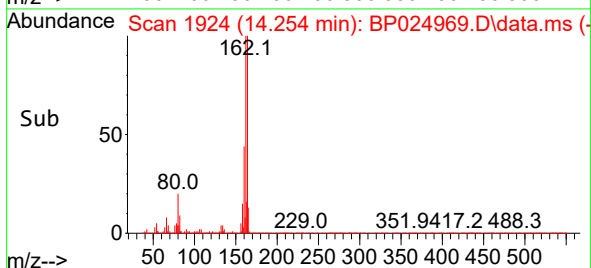
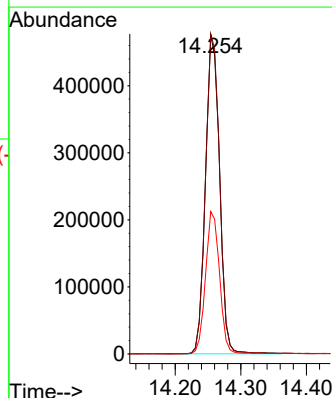
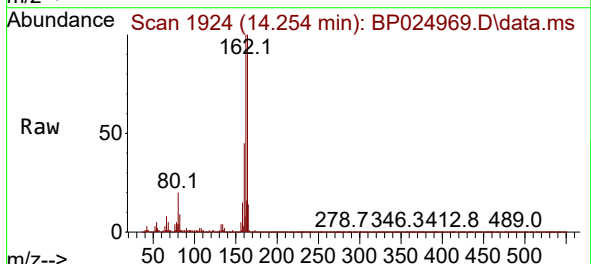
Instrument :
BNA_P
ClientSampleId :
PL-01-06132025

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 :

BNA_P

ClientSampleId :

PL-01-06132025

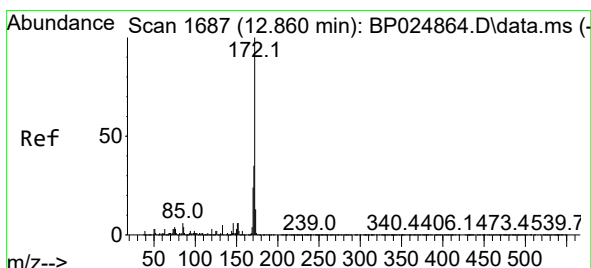
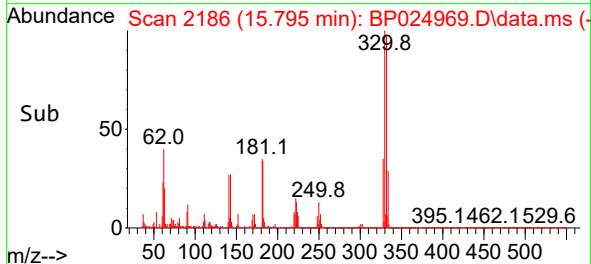
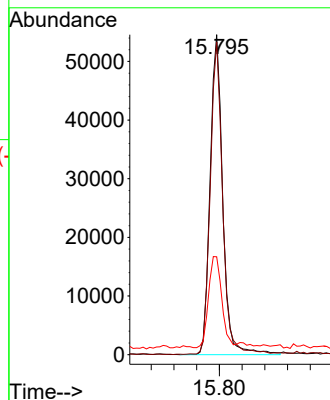
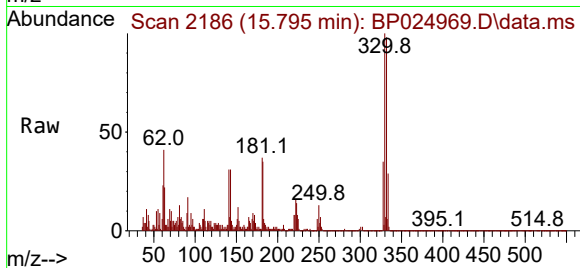
Tgt Ion:330 Resp: 83845

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

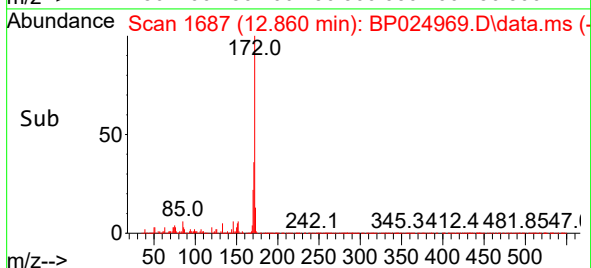
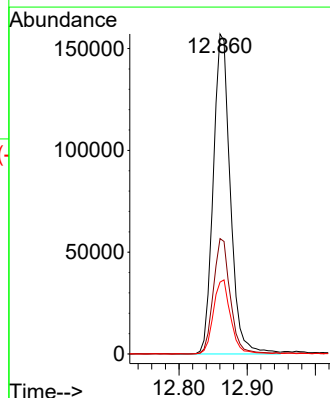
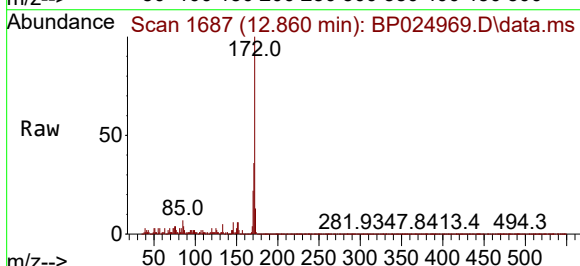
Tgt Ion:172 Resp: 273980

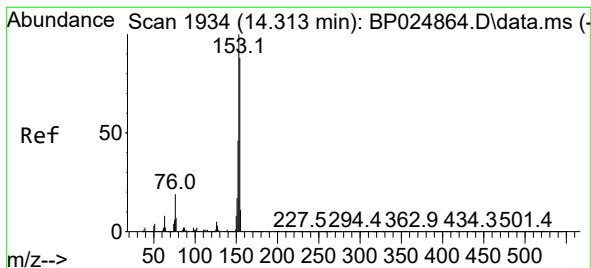
Ion Ratio Lower Upper

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

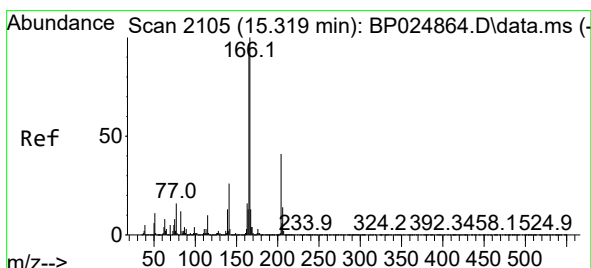
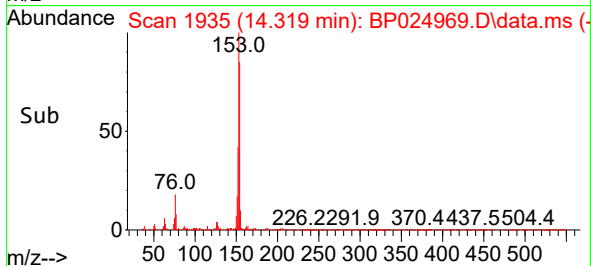
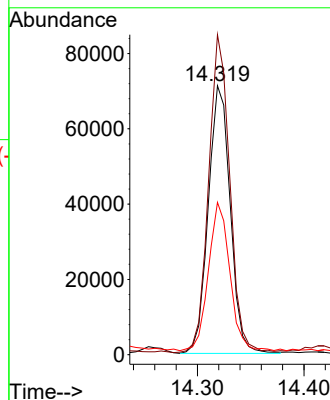
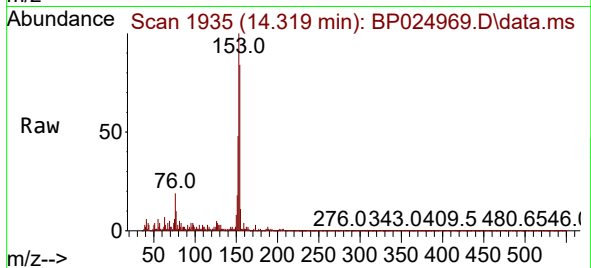
Tgt Ion:154 Resp: 101747

Ion Ratio Lower Upper

154 100

153 119.0 90.5 135.7

152 56.6 42.1 63.1



#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

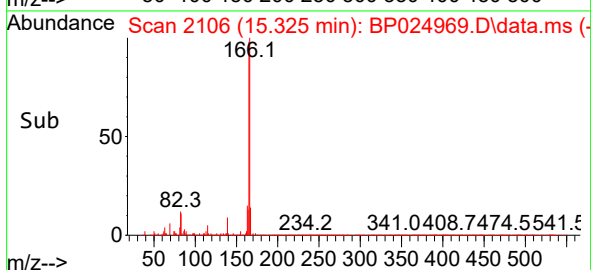
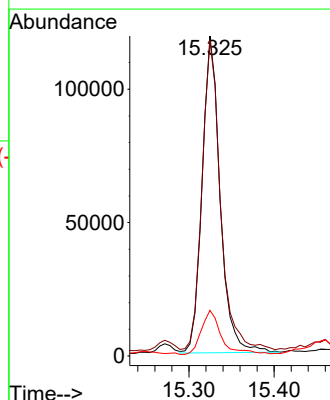
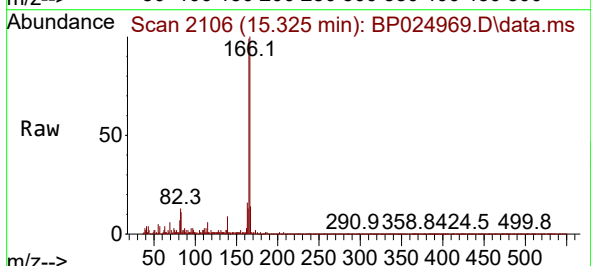
Tgt Ion:166 Resp: 174152

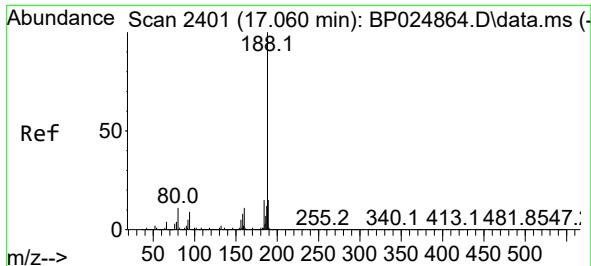
Ion Ratio Lower Upper

166 100

165 98.6 77.7 116.5

167 14.3 10.6 16.0

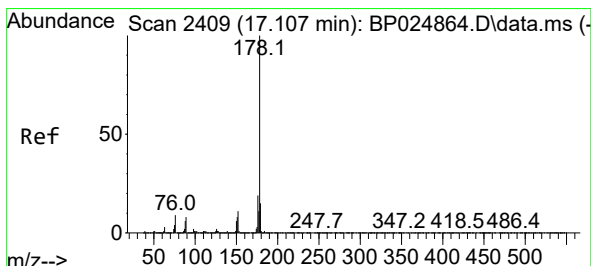
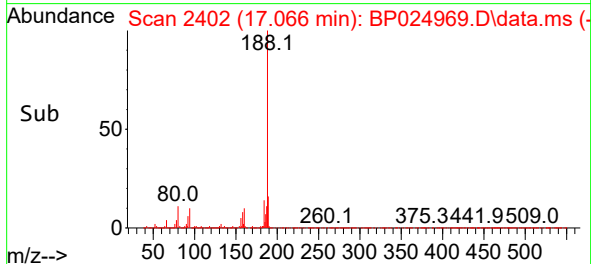
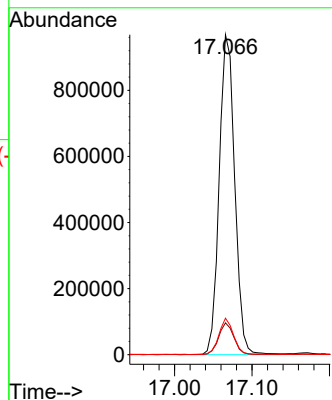
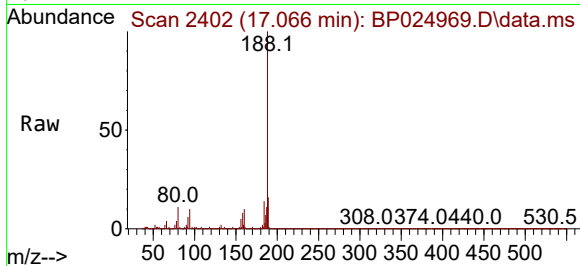




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BP024969.D
Acq: 16 Jun 2025 20:27

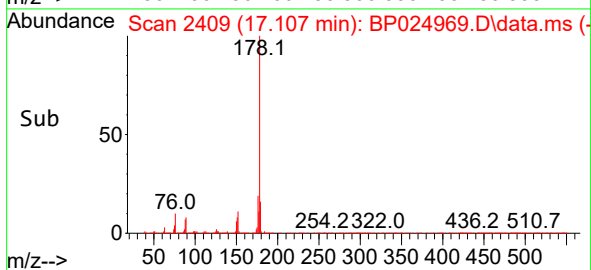
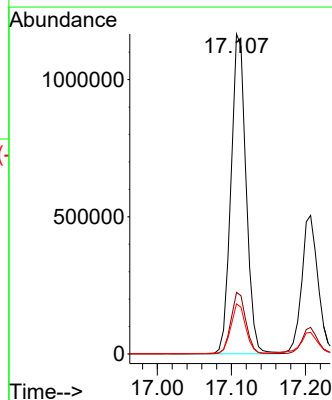
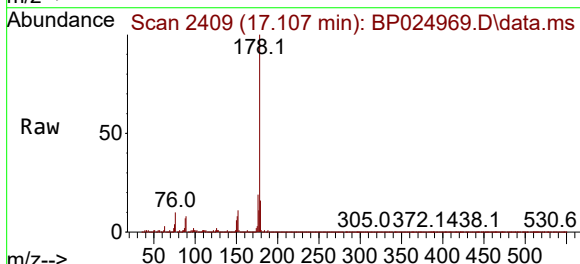
Instrument :
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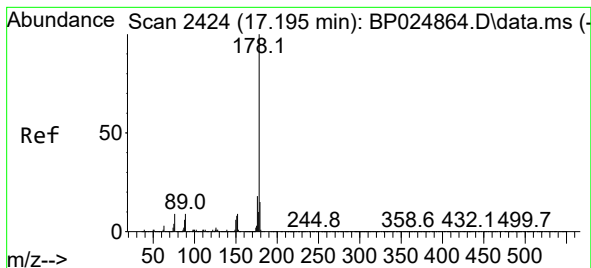
Tgt Ion:188 Resp: 1344799
Ion Ratio Lower Upper
188 100
94 10.0 7.3 10.9
80 11.4 8.5 12.7



#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

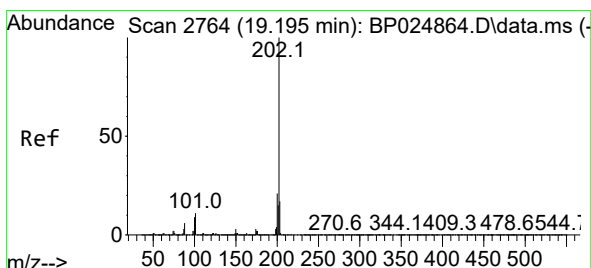
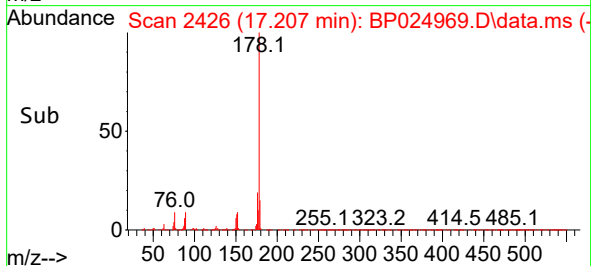
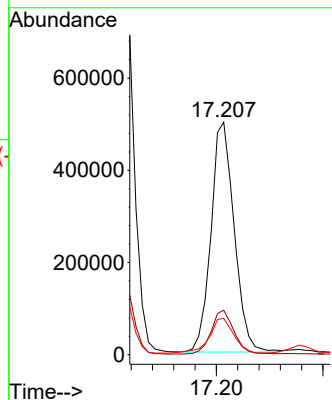
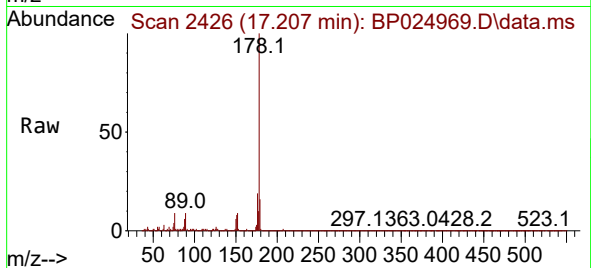
Tgt Ion:178 Resp: 753710

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

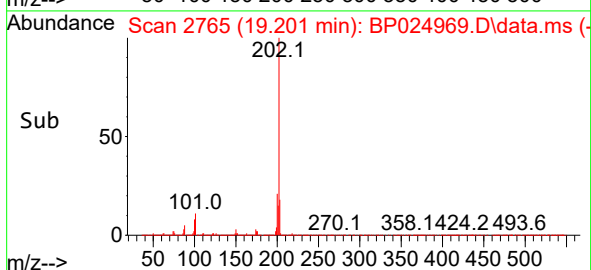
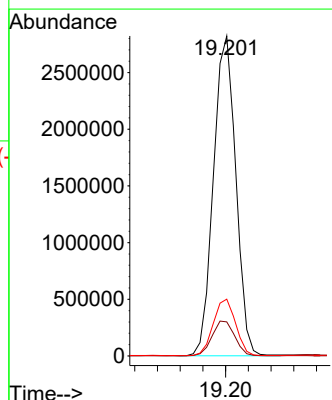
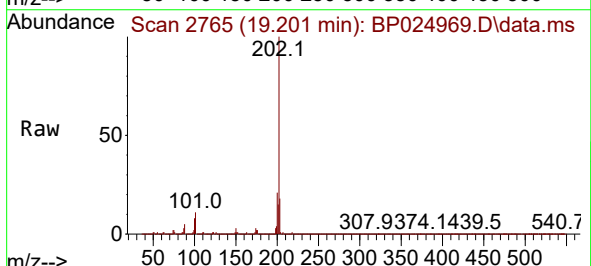
Tgt Ion:202 Resp: 3860937

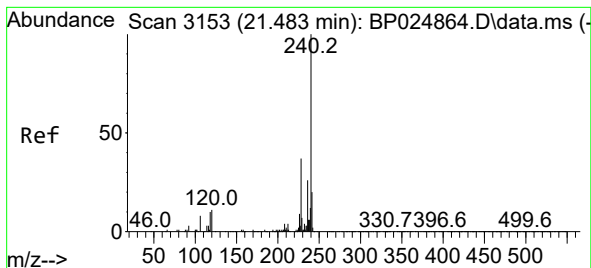
Ion Ratio Lower Upper

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

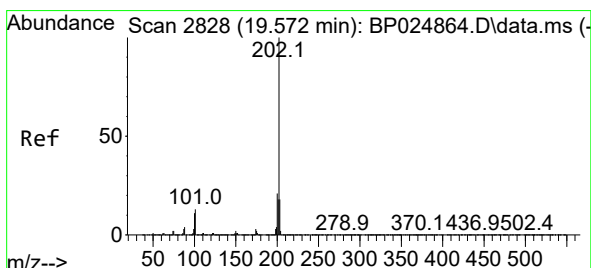
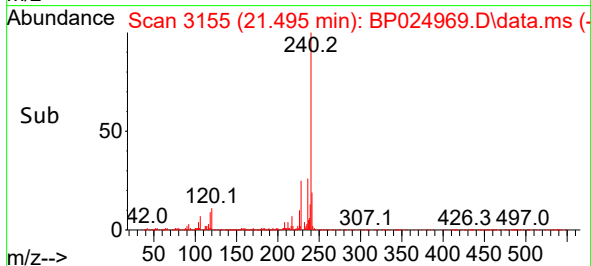
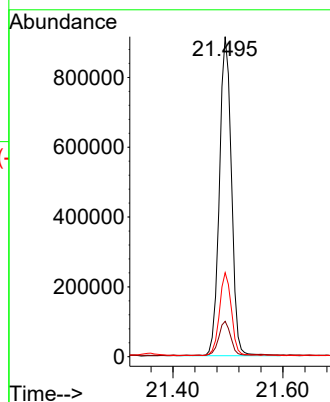
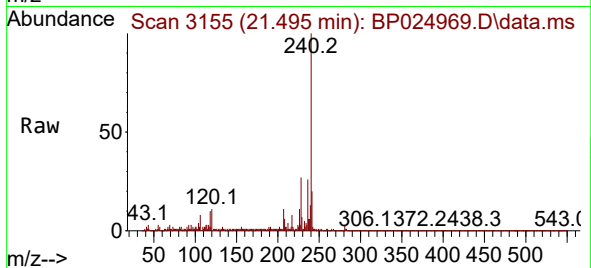
Tgt Ion:240 Resp: 1391774

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

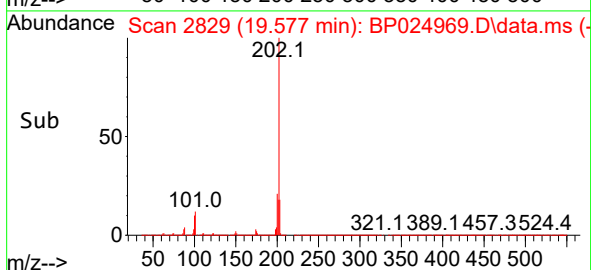
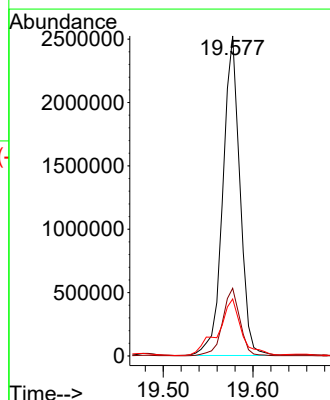
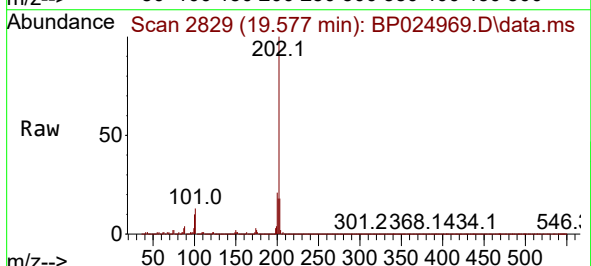
Tgt Ion:202 Resp: 3334354

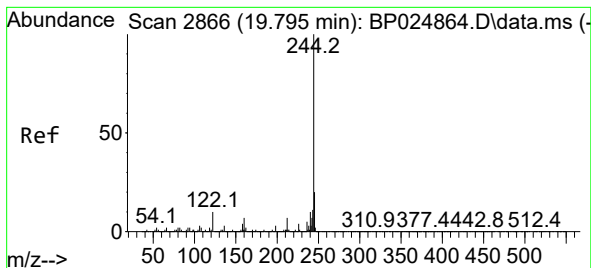
Ion Ratio Lower Upper

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

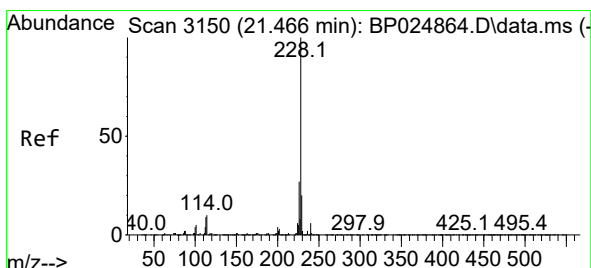
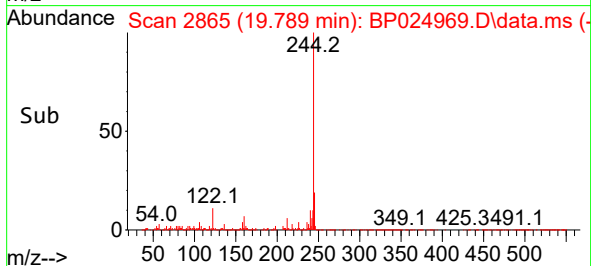
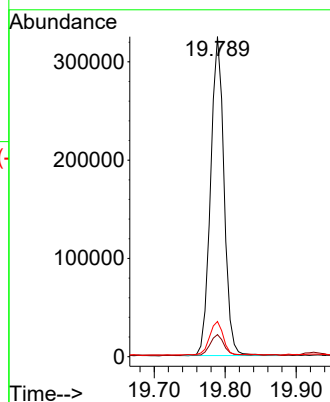
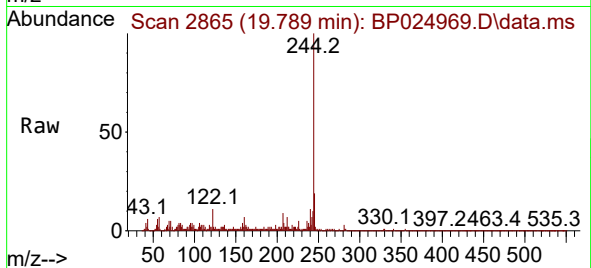
Tgt Ion:244 Resp: 428800

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

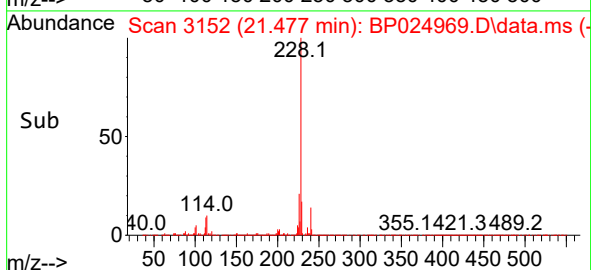
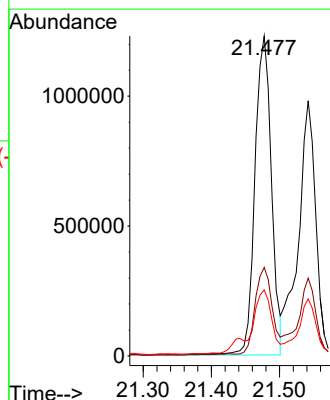
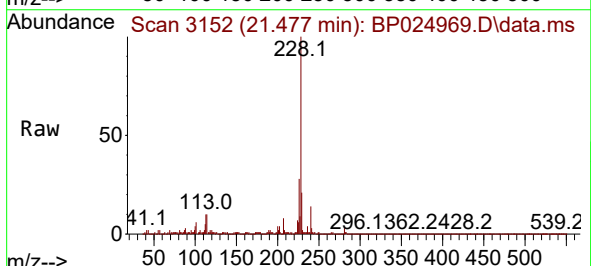
Tgt Ion:228 Resp: 2050915

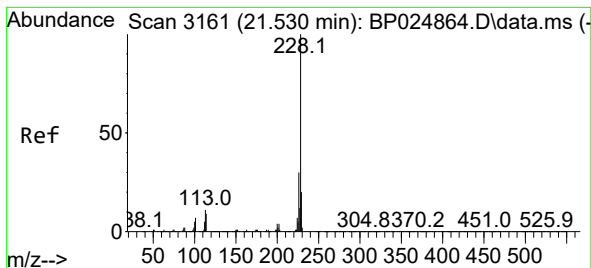
Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 20.6 15.9 23.9





#83

Chrysene

Concen: 20.974 ng m

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

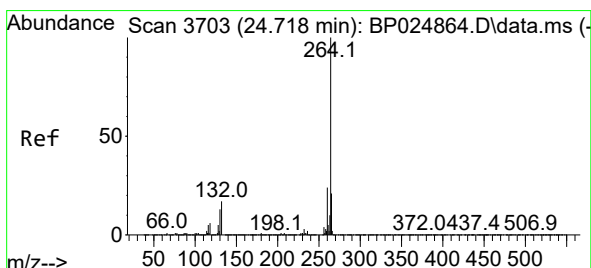
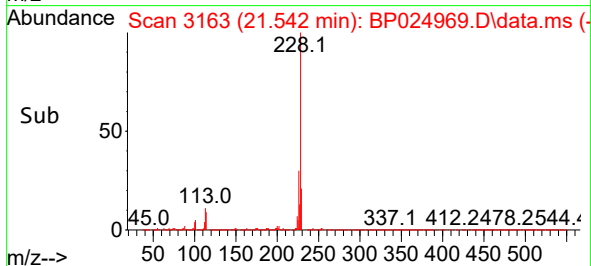
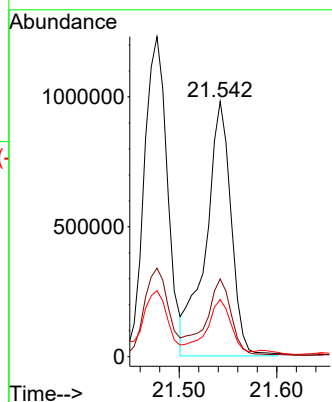
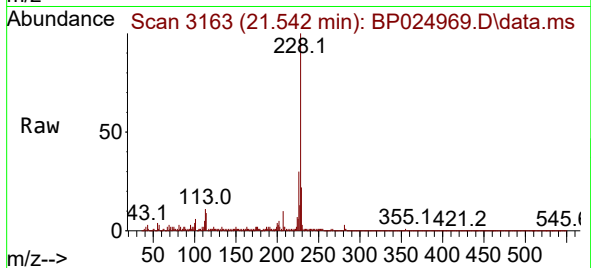
Tgt Ion:228 Resp: 1769023

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

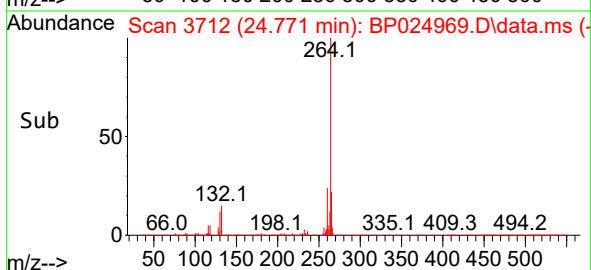
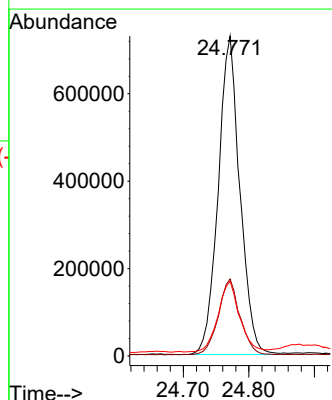
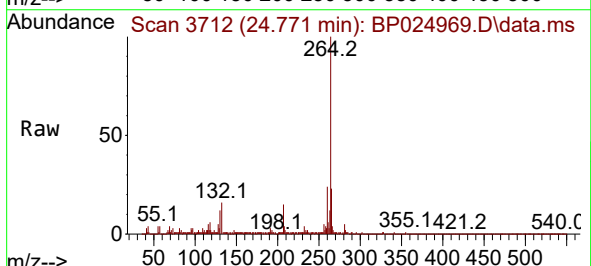
Tgt Ion:264 Resp: 1667148

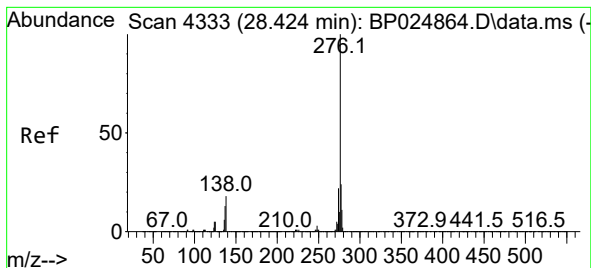
Ion Ratio Lower Upper

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

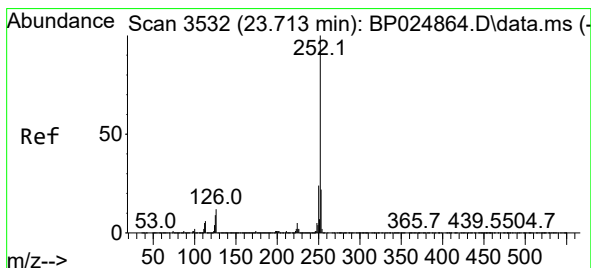
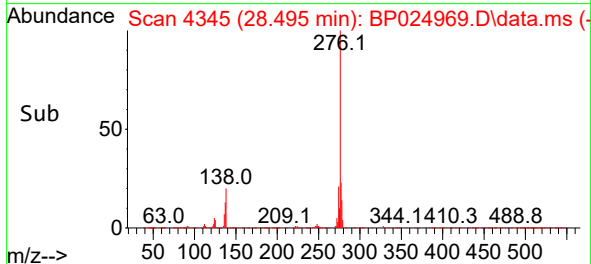
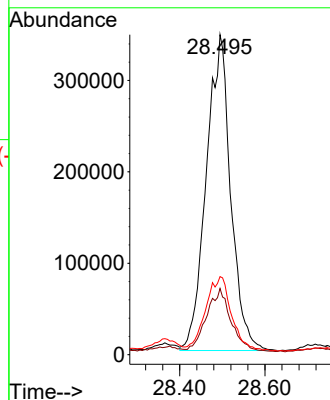
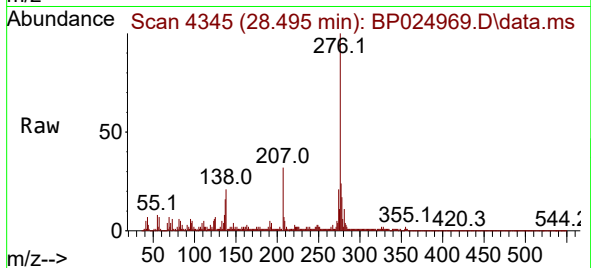
Tgt Ion:276 Resp: 1376641

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: 27.634 ng m

RT: 23.736 min Scan# 3536

Delta R.T. 0.023 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

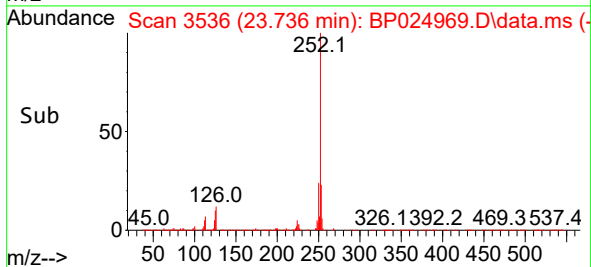
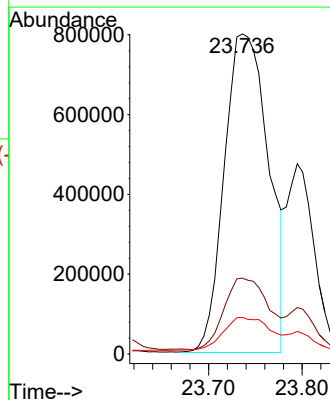
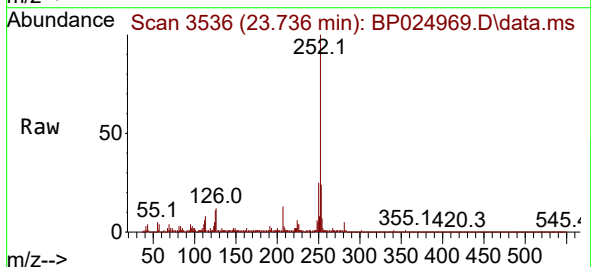
Tgt Ion:252 Resp: 2636576

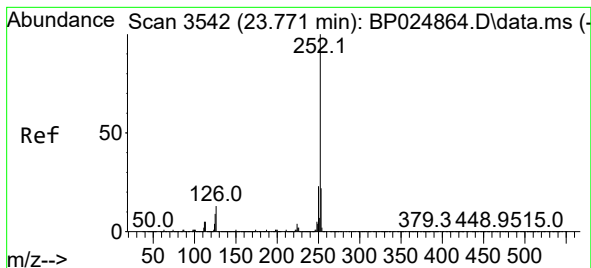
Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

125 11.5 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 9.911 ng m

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

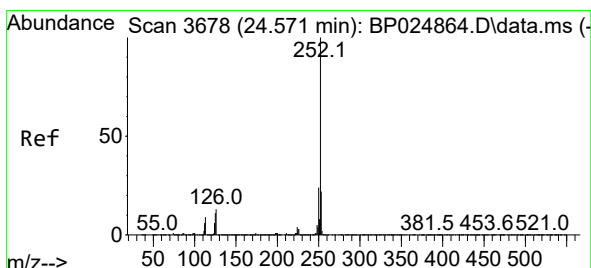
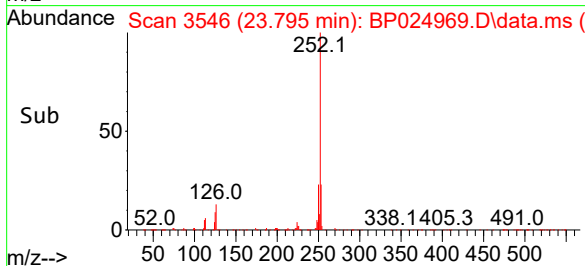
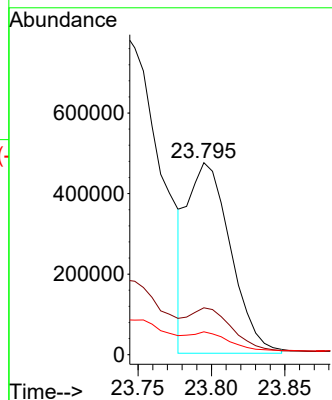
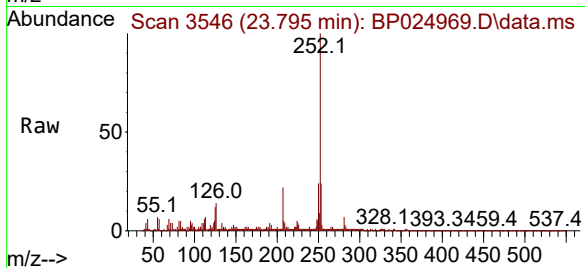
Tgt Ion:252 Resp: 962537

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

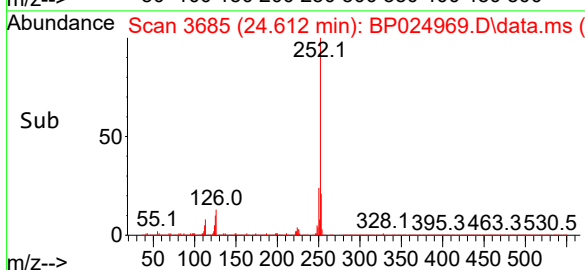
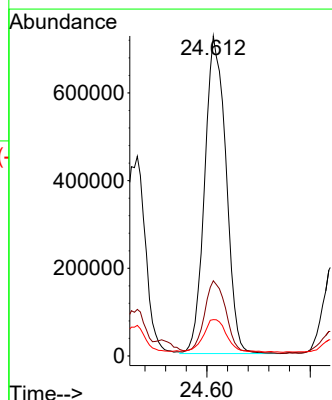
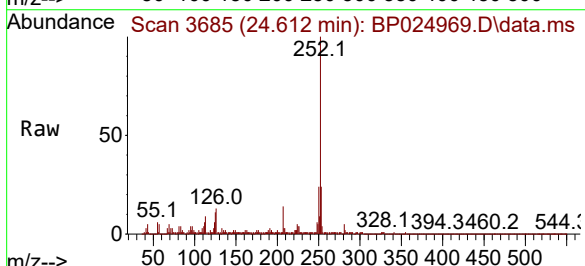
Tgt Ion:252 Resp: 2068709

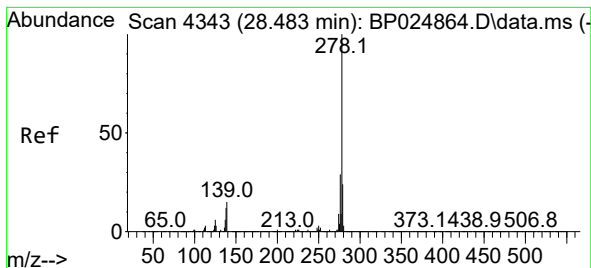
Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

125 11.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 3.882 ng m

RT: 28.536 min Scan# 41

Delta R.T. 0.053 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

Instrument :

BNA_P

ClientSampleId :

PL-01-06132025

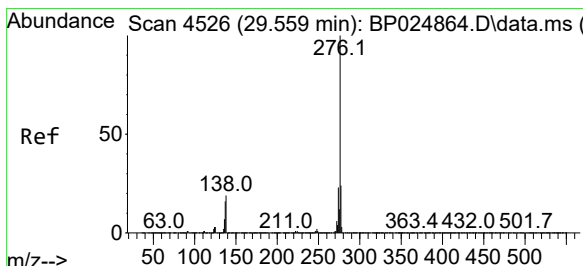
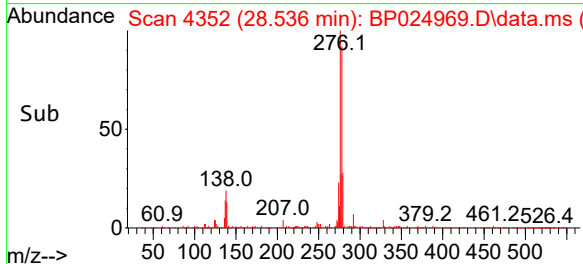
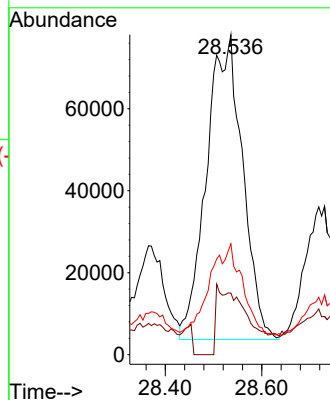
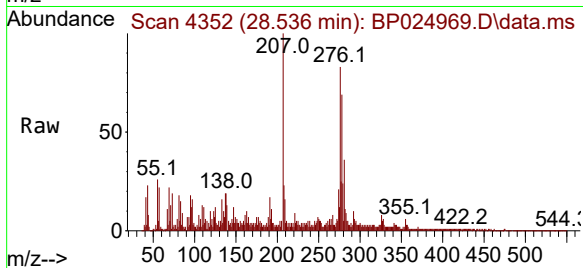
Tgt Ion:278 Resp: 384406

Ion Ratio Lower Upper

278 100

139 19.2 12.0 18.0#

279 34.6 19.1 28.7#



#92

Benzo(g,h,i)perylene

Concen: 13.244 ng

RT: 29.642 min Scan# 4540

Delta R.T. 0.082 min

Lab File: BP024969.D

Acq: 16 Jun 2025 20:27

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

