

Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
 Data File : BP024966.D
 Acq On : 16 Jun 2025 18:25
 Operator : RC/JU
 Sample : Q2311-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP04-MH2MH3-WC

Quant Time: Jun 17 01:20:20 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)

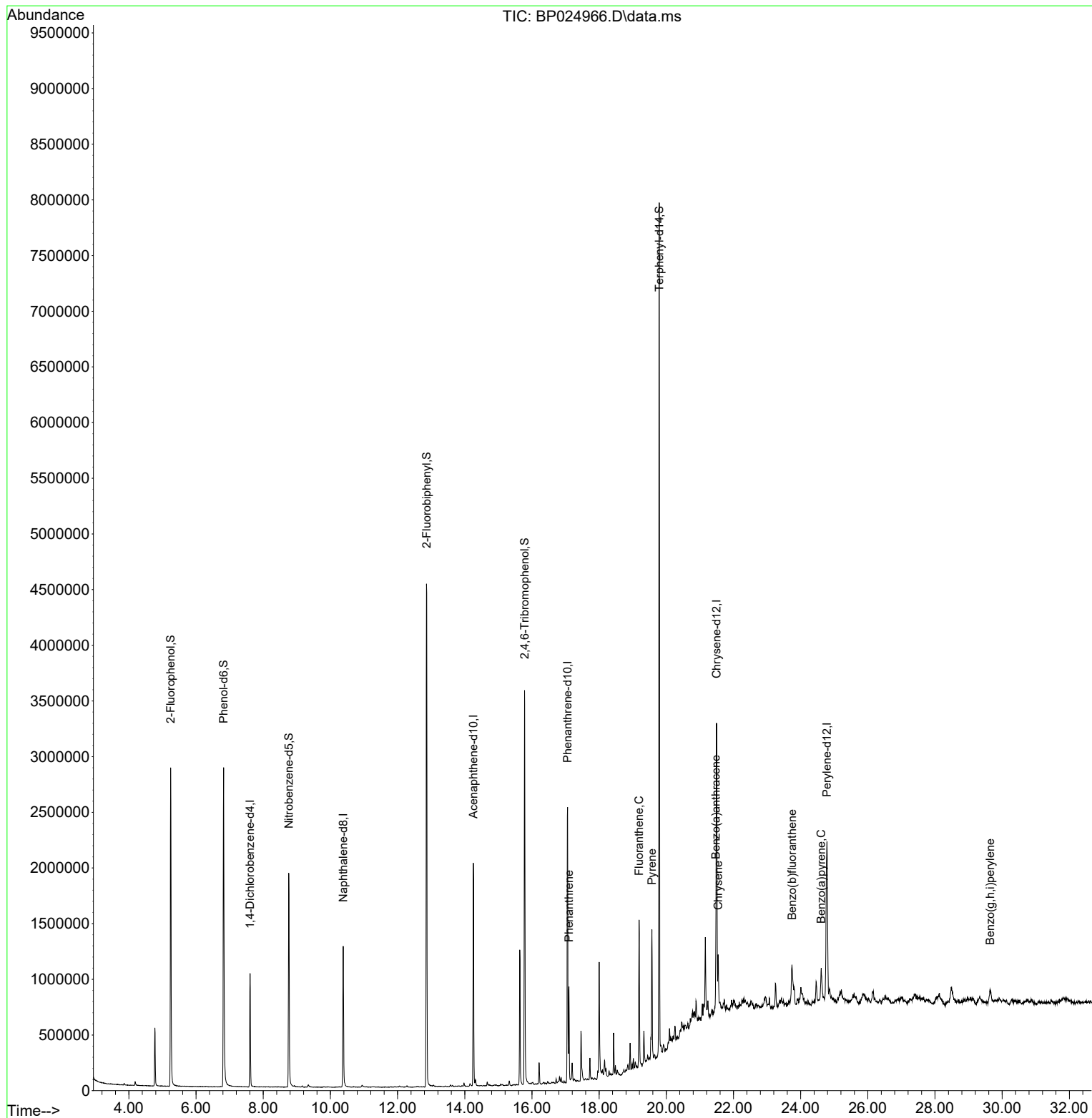
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	280230	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1097131	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	694763	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1415532	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1499692	20.000	ng	0.01
86) Perylene-d12	24.783	264	1715487	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1371618	81.701	ng	0.00
7) Phenol-d6	6.819	99	1890680	85.117	ng	0.00
23) Nitrobenzene-d5	8.760	82	1162908	51.506	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	749061	77.983	ng	0.00
45) 2-Fluorobiphenyl	12.866	172	2515356	48.772	ng	0.00
79) Terphenyl-d14	19.789	244	3905091	46.669	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.101	178	496021	6.341	ng	99
75) Fluoranthene	19.189	202	790499	8.719	ng	100
78) Pyrene	19.572	202	691821	7.384	ng	99
81) Benzo(a)anthracene	21.477	228	364436	3.799	ng	99
83) Chrysene	21.542	228	322792	3.552	ng	97
88) Benzo(b)fluoranthene	23.742	252	427957m	4.359	ng	
90) Benzo(a)pyrene	24.613	252	298452	3.113	ng	# 97
92) Benzo(g,h,i)perylene	29.642	276	214408	2.121	ng	99

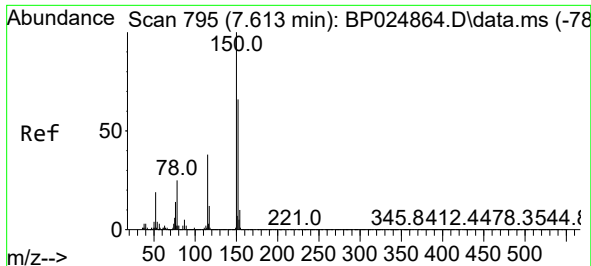
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
Data File : BP024966.D
Acq On : 16 Jun 2025 18:25
Operator : RC/JU
Sample : Q2311-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Quant Time: Jun 17 01:20:20 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

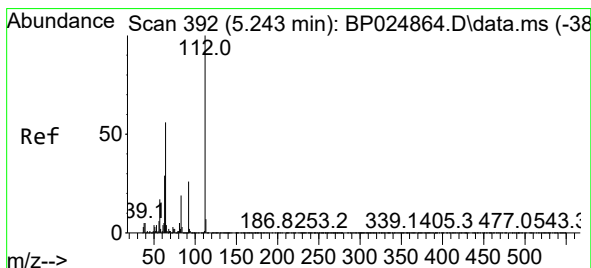
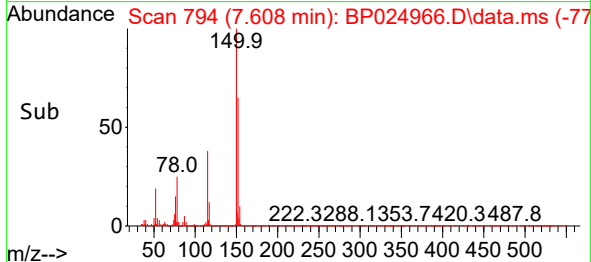
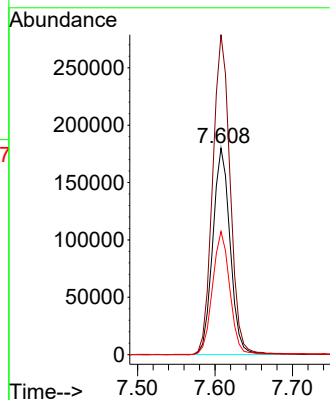
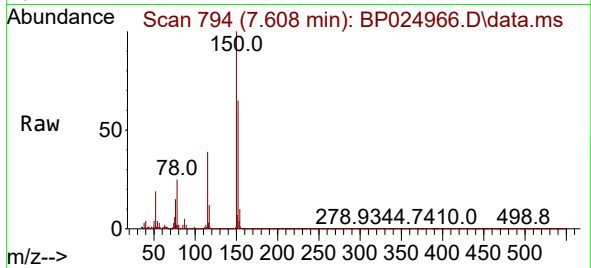




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

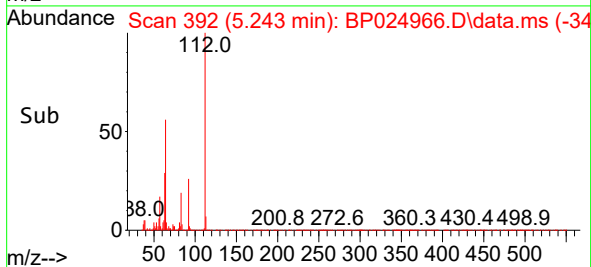
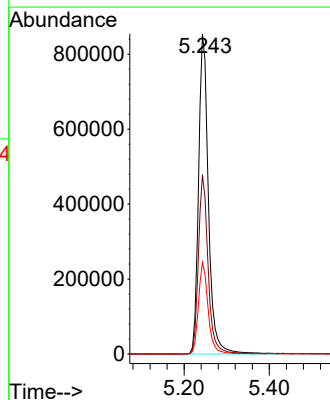
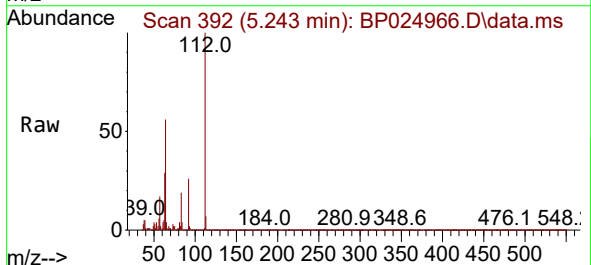
Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Tgt Ion:152 Resp: 280230
Ion Ratio Lower Upper
152 100
150 154.9 122.1 183.1
115 59.7 46.4 69.6



#5
2-Fluorophenol
Concen: 81.701 ng
RT: 5.243 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:112 Resp: 1371618
Ion Ratio Lower Upper
112 100
64 56.0 44.7 67.1
63 28.6 23.5 35.3

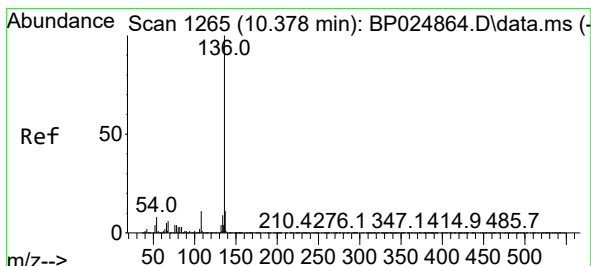
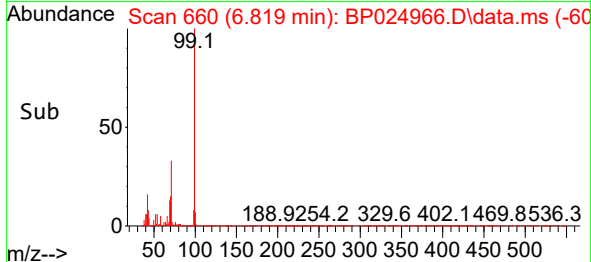
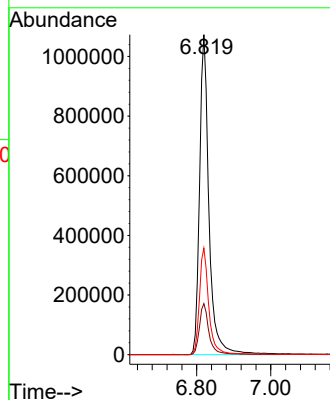
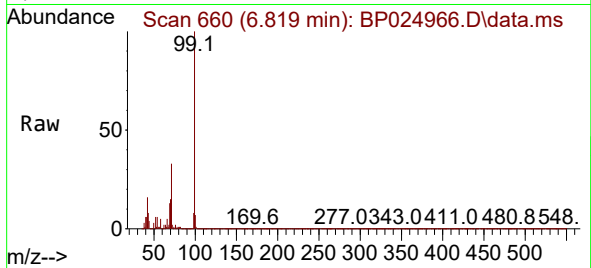




#7
Phenol-d6
Concen: 85.117 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

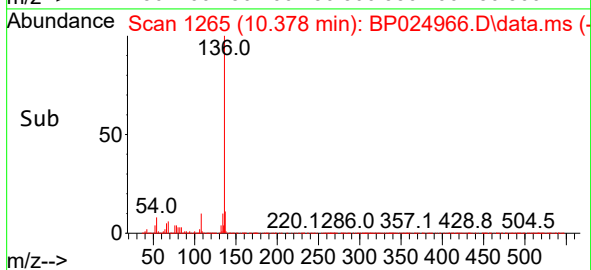
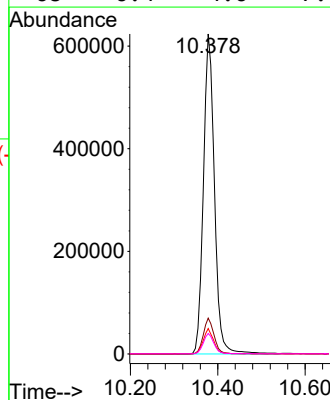
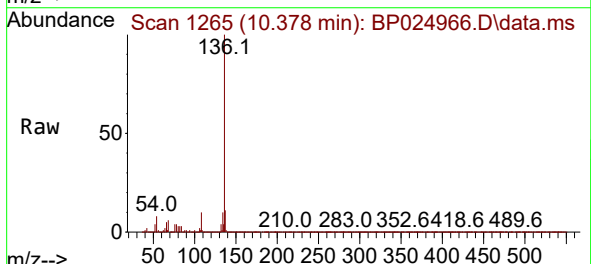
Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

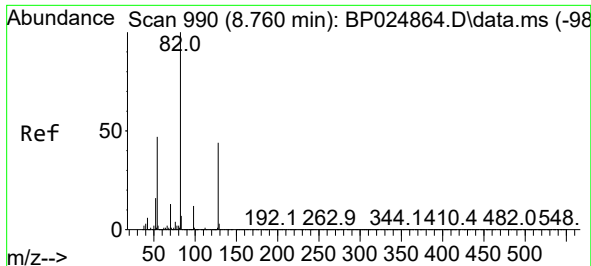
Tgt Ion: 99 Resp: 1890680
Ion Ratio Lower Upper
99 100
42 15.9 13.4 20.2
71 33.3 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion: 136 Resp: 1097131
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.0 6.1 9.1
68 6.4 4.6 7.0

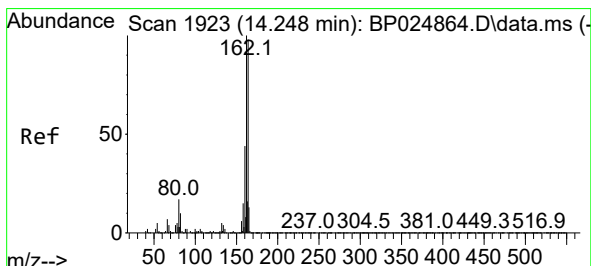
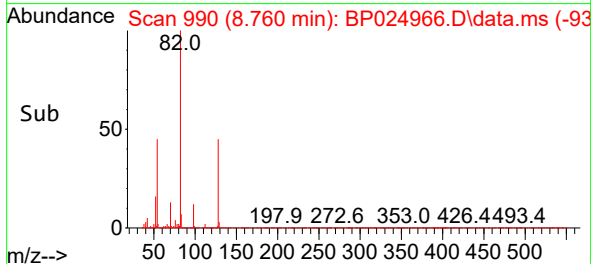
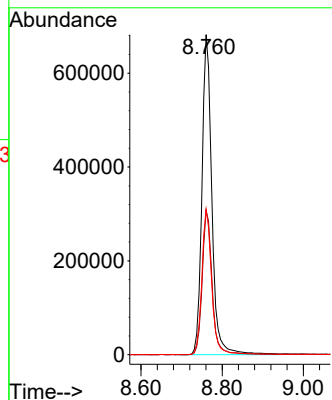
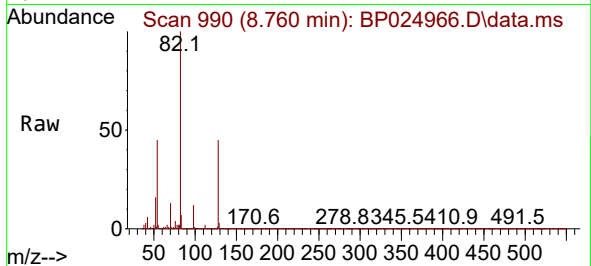




#23
Nitrobenzene-d5
Concen: 51.506 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

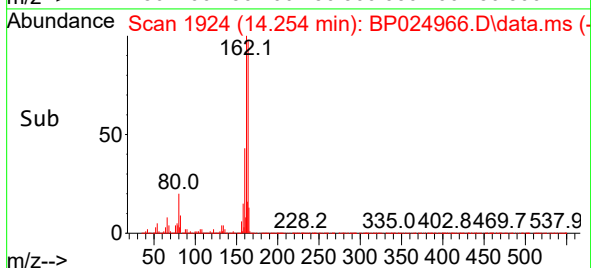
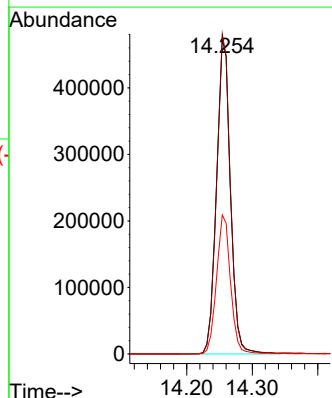
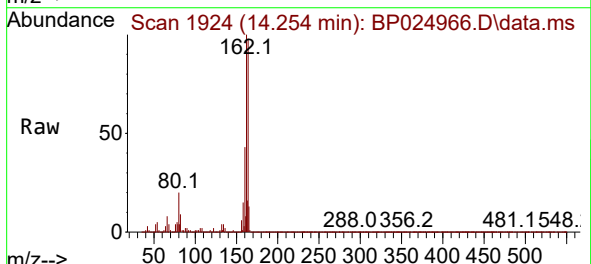
Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

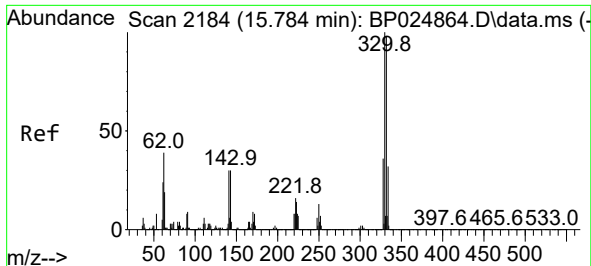
Tgt Ion: 82 Resp: 1162908
Ion Ratio Lower Upper
82 100
128 45.1 35.3 52.9
54 45.4 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:164 Resp: 694763
Ion Ratio Lower Upper
164 100
162 101.6 81.6 122.4
160 44.2 36.2 54.2

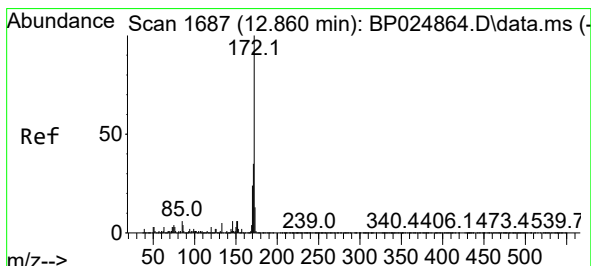
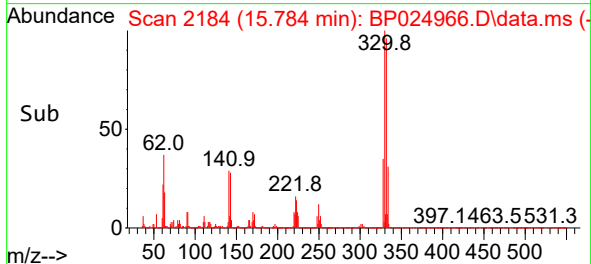
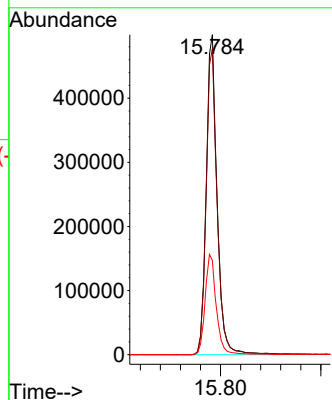
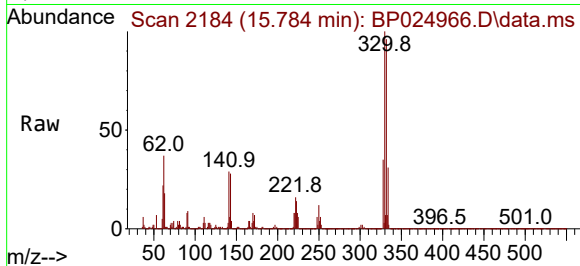




#42
2,4,6-Tribromophenol
Concen: 77.983 ng
RT: 15.784 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

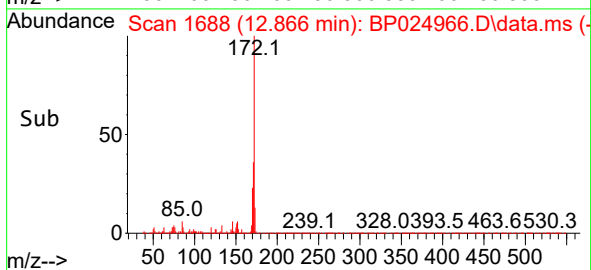
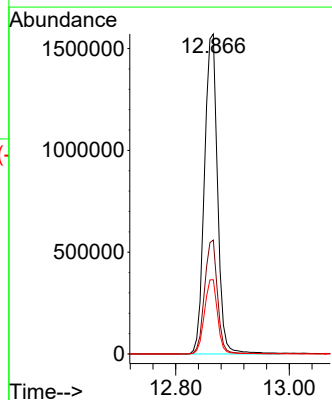
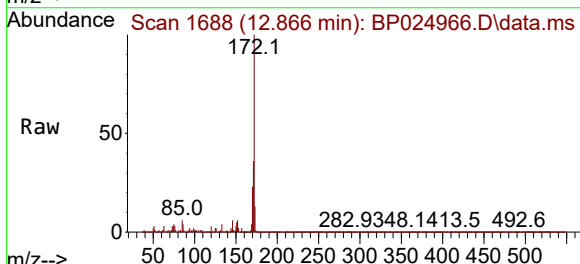
Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

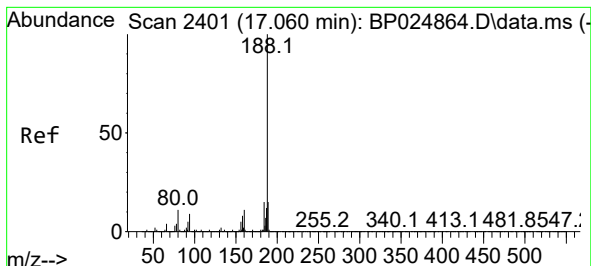
Tgt Ion:330 Resp: 749061
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 32.5 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 48.772 ng
RT: 12.866 min Scan# 1688
Delta R.T. 0.006 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:172 Resp: 2515356
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.060 min Scan# 2401

Delta R.T. 0.000 min

Lab File: BP024966.D

Acq: 16 Jun 2025 18:25

Instrument :

BNA_P

ClientSampleId :

TP04-MH2MH3-WC

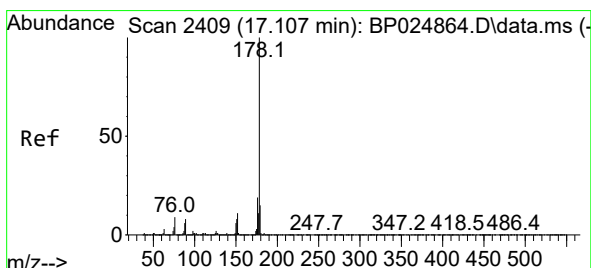
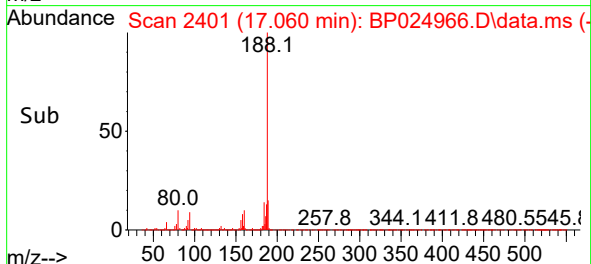
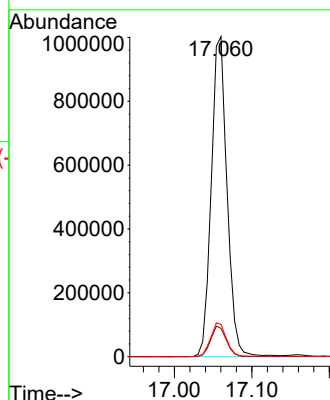
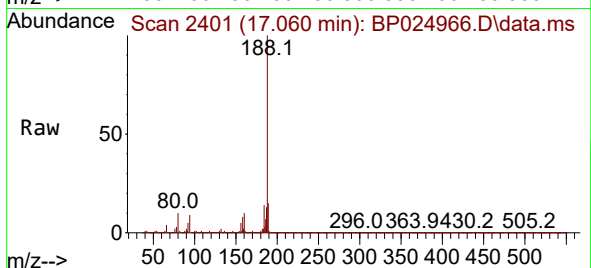
Tgt Ion:188 Resp: 1415532

Ion Ratio Lower Upper

188 100

94 8.9 7.3 10.9

80 10.1 8.5 12.7



#71

Phenanthrene

Concen: 6.341 ng

RT: 17.101 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP024966.D

Acq: 16 Jun 2025 18:25

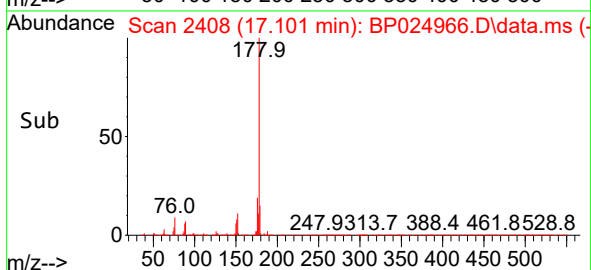
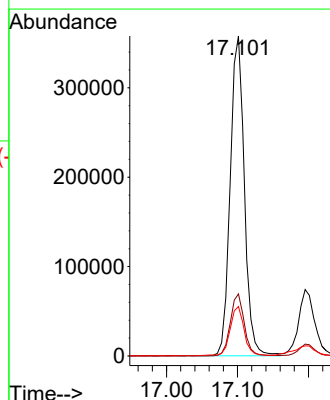
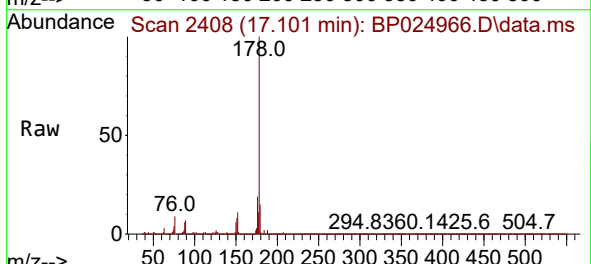
Tgt Ion:178 Resp: 496021

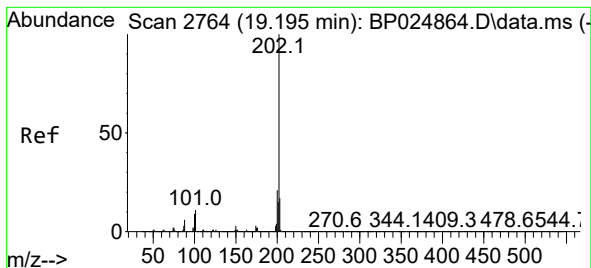
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.5 12.1 18.1





#75

Fluoranthene

Concen: 8.719 ng

RT: 19.189 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024966.D

Acq: 16 Jun 2025 18:25

Instrument :

BNA_P

ClientSampleId :

TP04-MH2MH3-WC

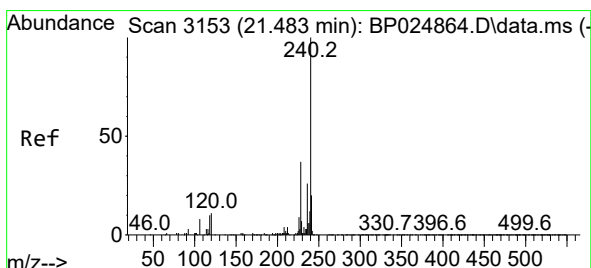
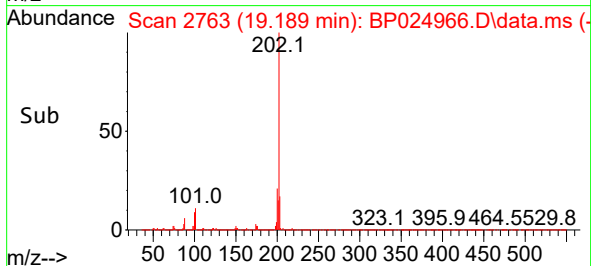
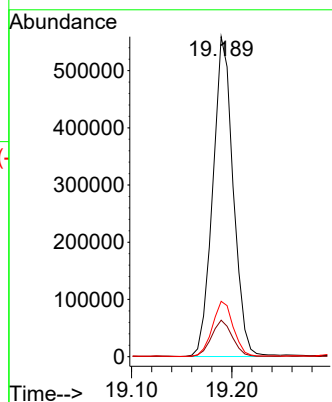
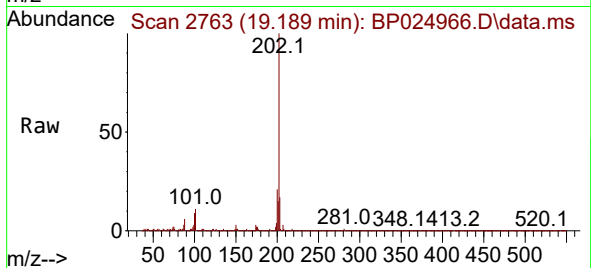
Tgt Ion:202 Resp: 790499

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

203 17.3 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: BP024966.D

Acq: 16 Jun 2025 18:25

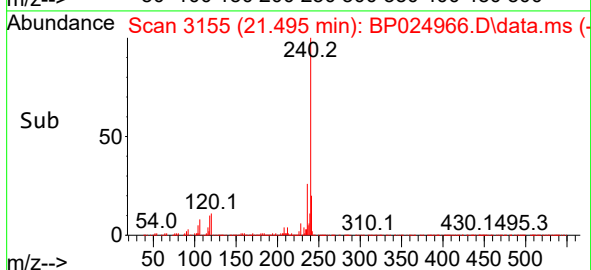
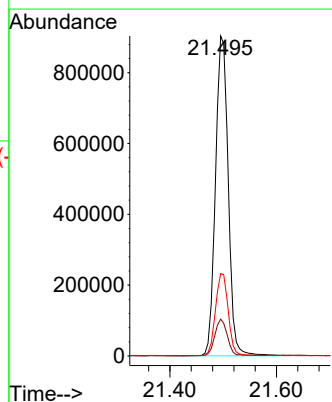
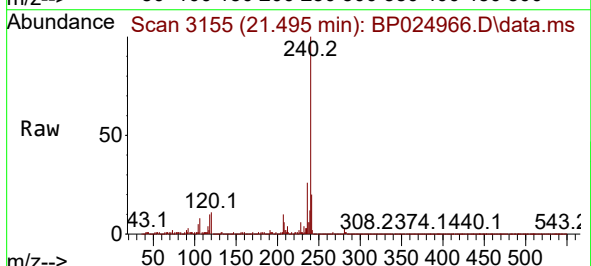
Tgt Ion:240 Resp: 1499692

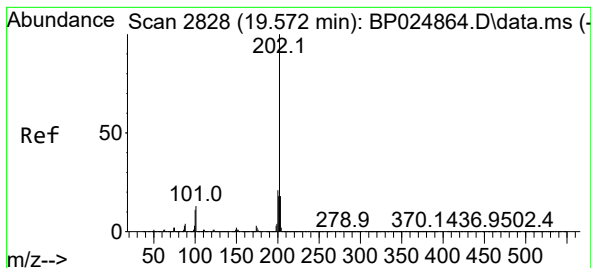
Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 25.7 20.9 31.3





#78

Pyrene

Concen: 7.384 ng

RT: 19.572 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BP024966.D

Acq: 16 Jun 2025 18:25

Instrument :

BNA_P

ClientSampleId :

TP04-MH2MH3-WC

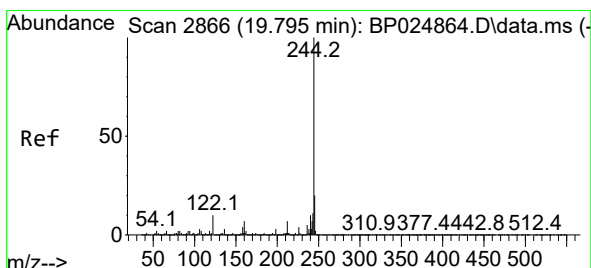
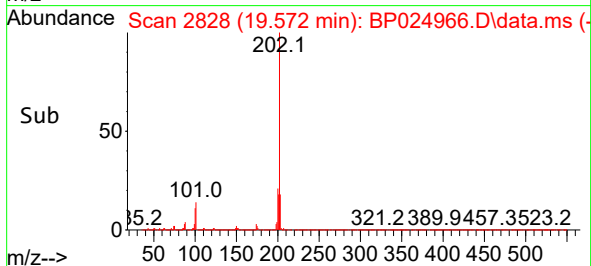
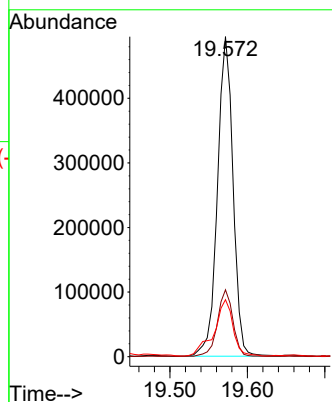
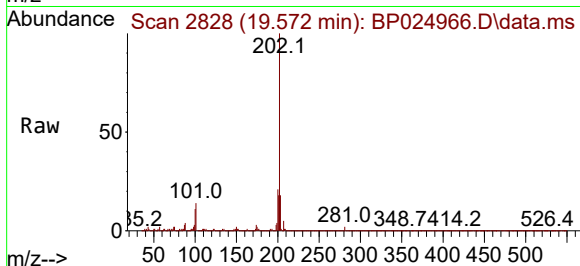
Tgt Ion:202 Resp: 691821

Ion Ratio Lower Upper

202 100

200 20.9 17.1 25.7

203 17.8 14.0 21.0



#79

Terphenyl-d14

Concen: 46.669 ng

RT: 19.789 min Scan# 2865

Delta R.T. -0.006 min

Lab File: BP024966.D

Acq: 16 Jun 2025 18:25

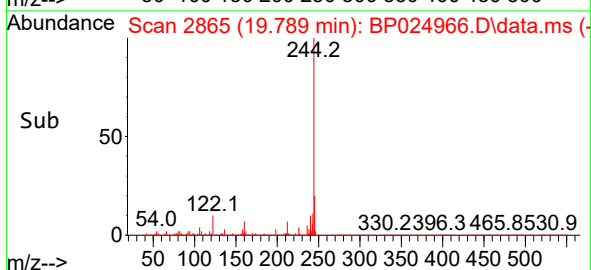
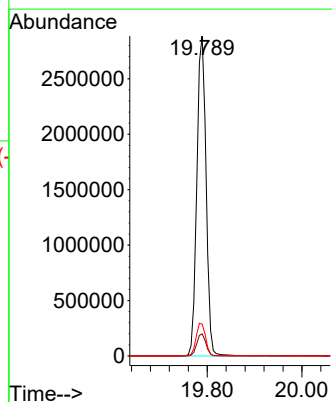
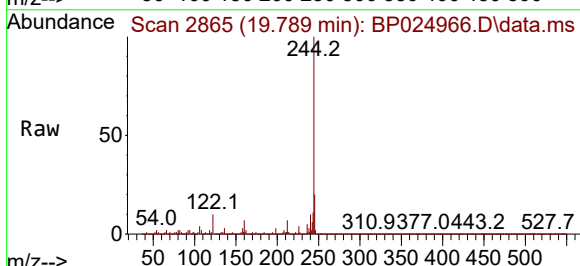
Tgt Ion:244 Resp: 3905091

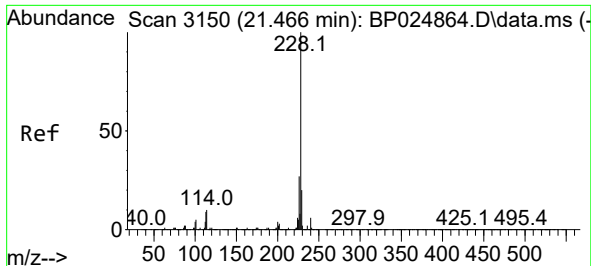
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.0 7.7 11.5

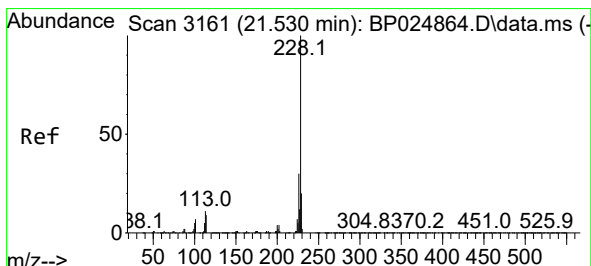
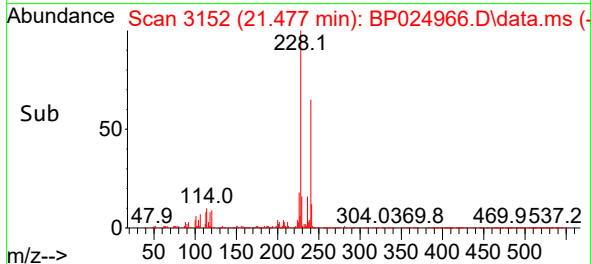
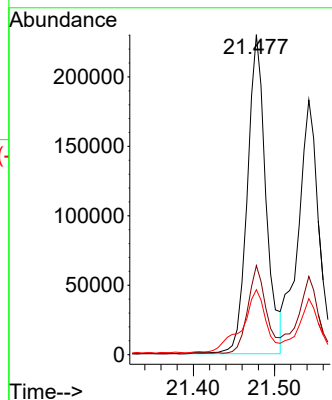
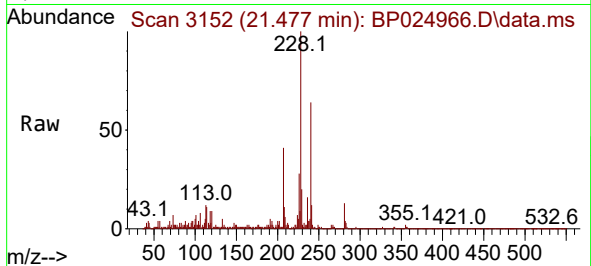




#81
Benzo(a)anthracene
Concen: 3.799 ng
RT: 21.477 min Scan# 3150
Delta R.T. 0.012 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

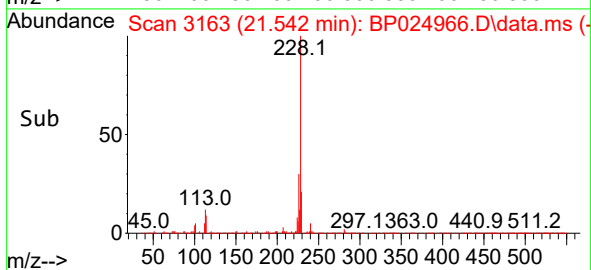
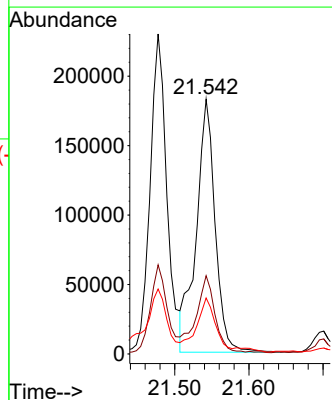
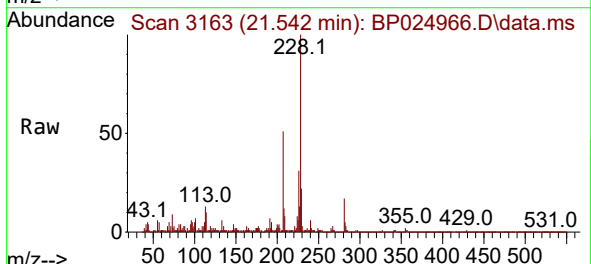
Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

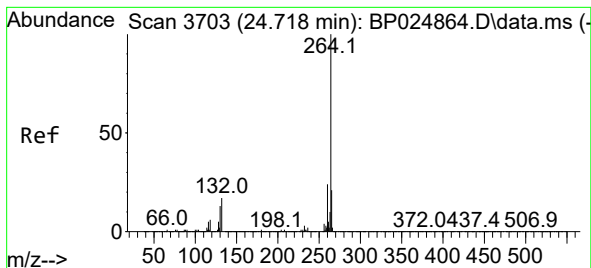
Tgt Ion:228 Resp: 364436
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.3 15.9 23.9



#83
Chrysene
Concen: 3.552 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.012 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:228 Resp: 322792
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.6
229 22.0 15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.783 min Scan# 31

Delta R.T. 0.065 min

Lab File: BP024966.D

Acq: 16 Jun 2025 18:25

Instrument :

BNA_P

ClientSampleId :

TP04-MH2MH3-WC

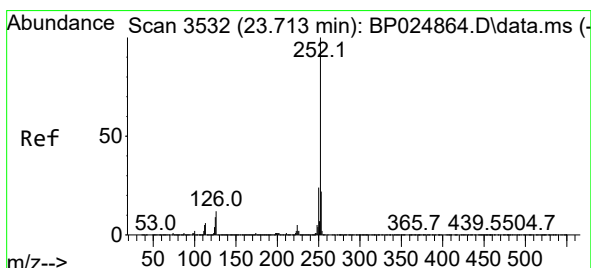
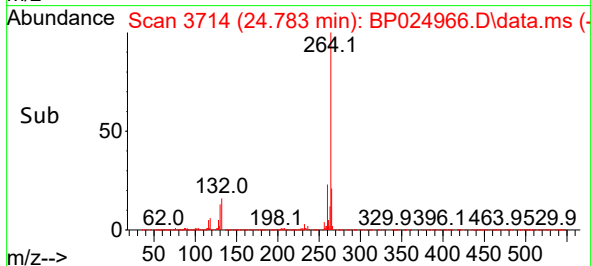
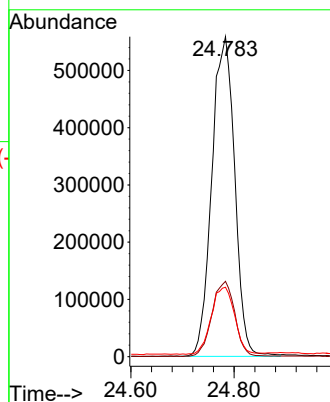
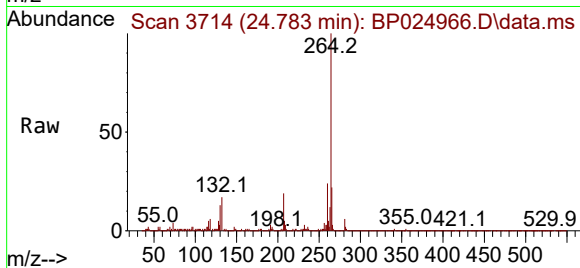
Tgt Ion:264 Resp: 1715487

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.7 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 4.359 ng m

RT: 23.742 min Scan# 3537

Delta R.T. 0.029 min

Lab File: BP024966.D

Acq: 16 Jun 2025 18:25

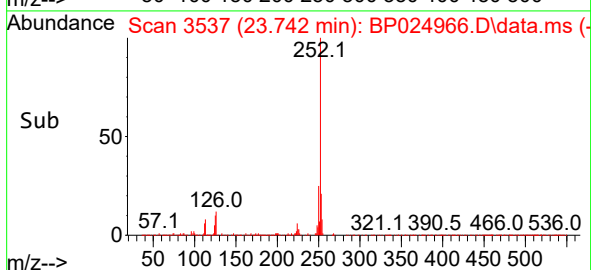
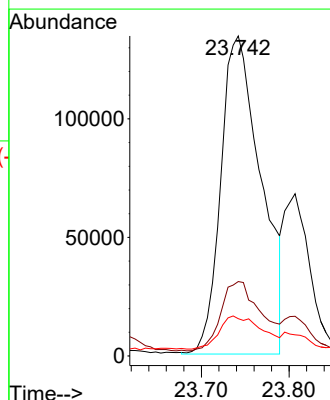
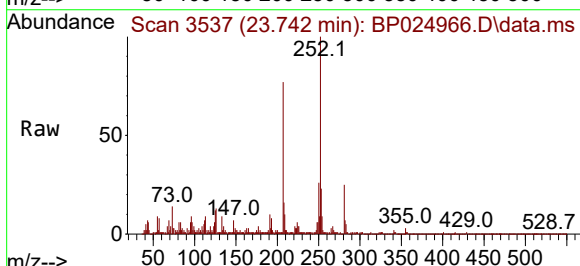
Tgt Ion:252 Resp: 427957

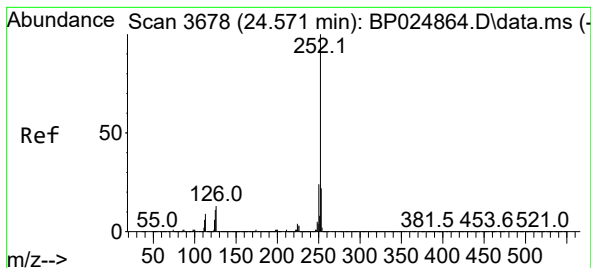
Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 11.7 7.1 10.7#





#90

Benzo(a)pyrene

Concen: 3.113 ng

RT: 24.613 min Scan# 30

Delta R.T. 0.041 min

Lab File: BP024966.D

Acq: 16 Jun 2025 18:25

Instrument :

BNA_P

ClientSampleId :

TP04-MH2MH3-WC

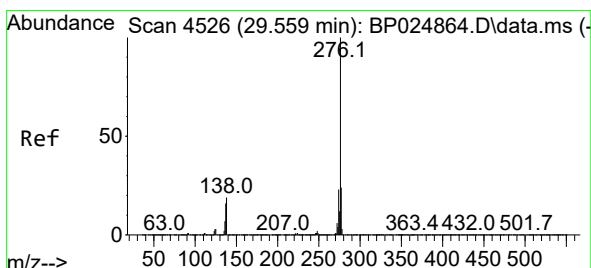
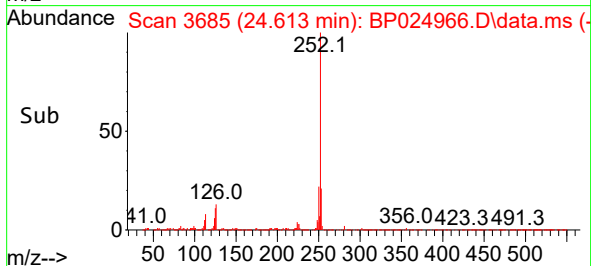
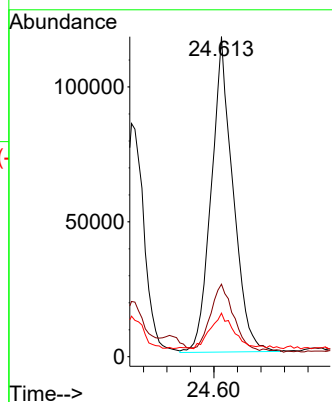
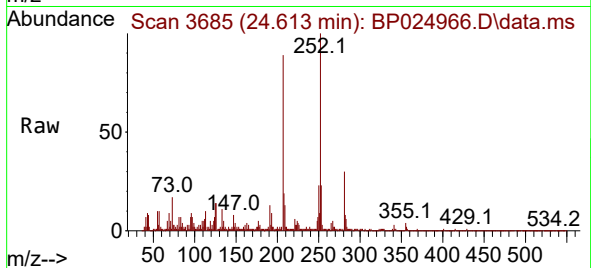
Tgt Ion:252 Resp: 298452

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 13.6 8.8 13.2#



#92

Benzo(g,h,i)perylene

Concen: 2.121 ng

RT: 29.642 min Scan# 4540

Delta R.T. 0.082 min

Lab File: BP024966.D

Acq: 16 Jun 2025 18:25

Tgt Ion:276 Resp: 214408

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 20.2 15.4 23.2

