

Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
 Data File : BP024968.D
 Acq On : 16 Jun 2025 19:46
 Operator : RC/JU
 Sample : Q2324-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-6132025

Quant Time: Jun 17 01:21:09 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)

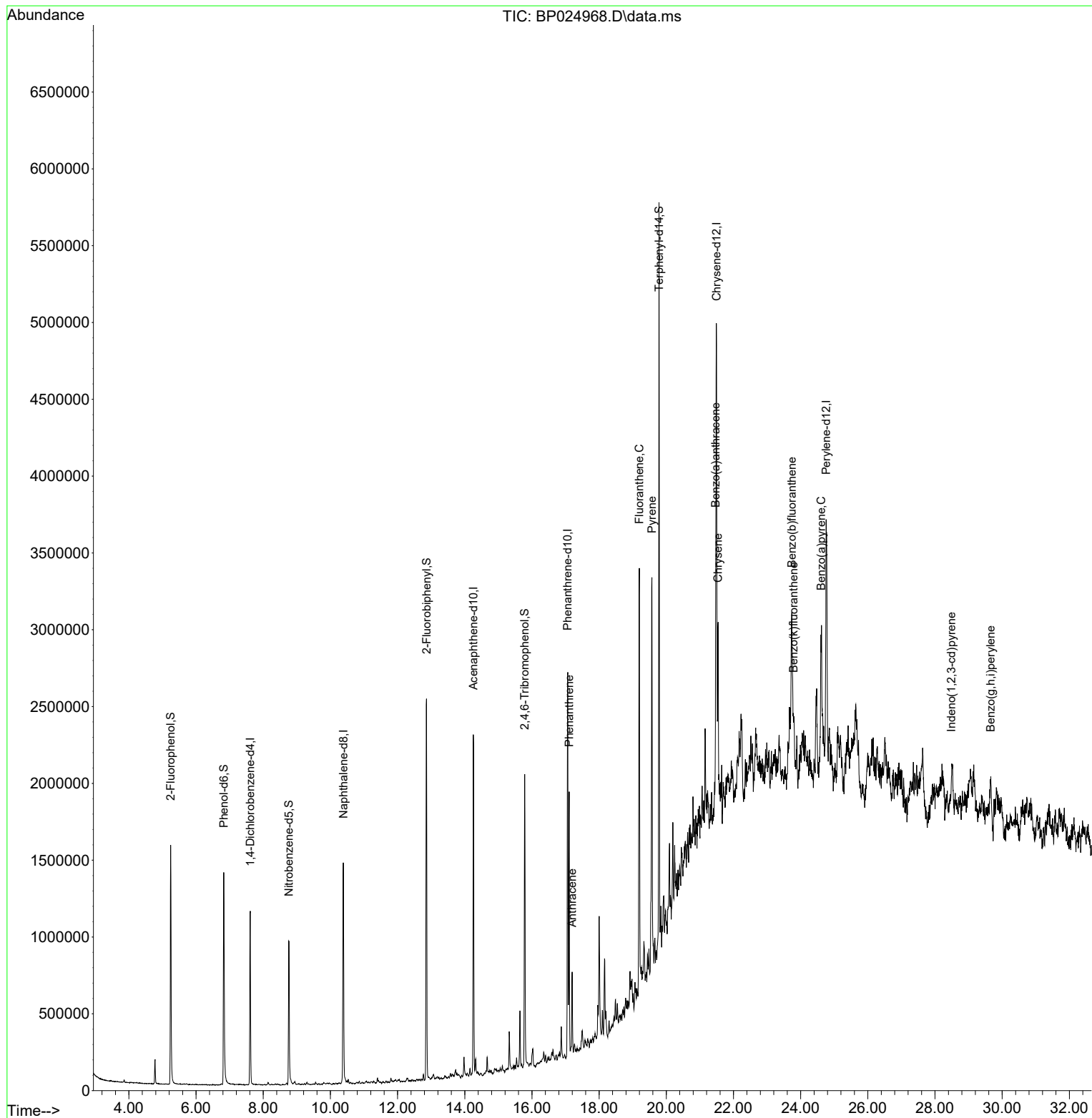
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	326630	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	1296419	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	802382	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1535221	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1553019	20.000	ng	0.01
86) Perylene-d12	24.760	264	1838346	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	779233	39.822	ng	0.00
7) Phenol-d6	6.825	99	1002613	38.725	ng	0.01
23) Nitrobenzene-d5	8.760	82	610126	22.869	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	441727	39.819	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	1441261	24.197	ng	0.00
79) Terphenyl-d14	19.783	244	2146368	24.770	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.107	178	965453	11.380	ng	99
72) Anthracene	17.195	178	333820	3.885	ng	100
75) Fluoranthene	19.195	202	1767655	17.976	ng	100
78) Pyrene	19.572	202	1577485	16.259	ng	99
81) Benzo(a)anthracene	21.472	228	849447	8.552	ng	99
83) Chrysene	21.536	228	759715	8.072	ng	96
87) Indeno(1,2,3-cd)pyrene	28.489	276	523741	3.905	ng	95
88) Benzo(b)fluoranthene	23.736	252	1105833m	10.511	ng	
89) Benzo(k)fluoranthene	23.789	252	296346m	2.767	ng	
90) Benzo(a)pyrene	24.607	252	810993	7.893	ng	94
92) Benzo(g,h,i)perylene	29.659	276	500114	4.617	ng	94

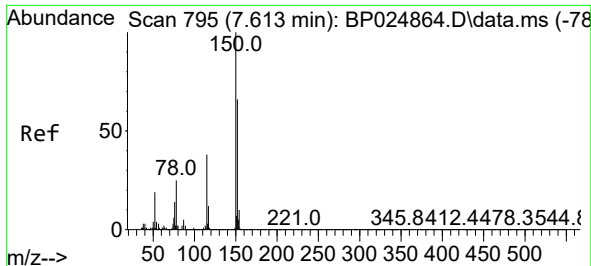
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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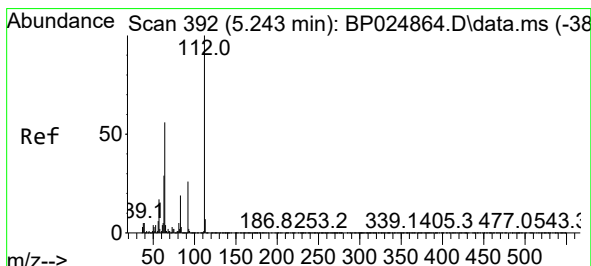
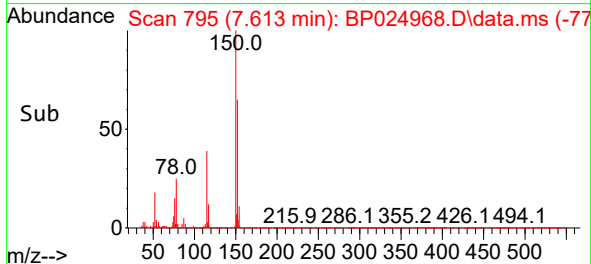
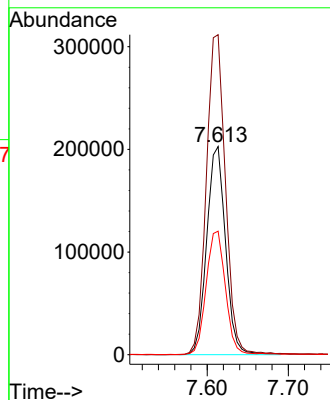
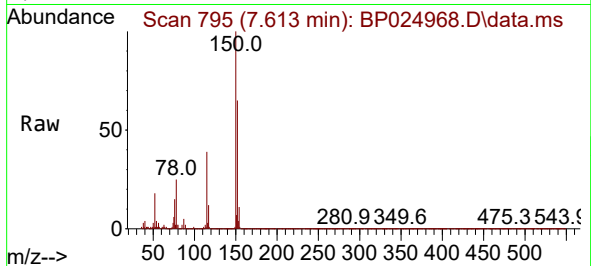




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024968.D
Acq: 16 Jun 2025 19:46

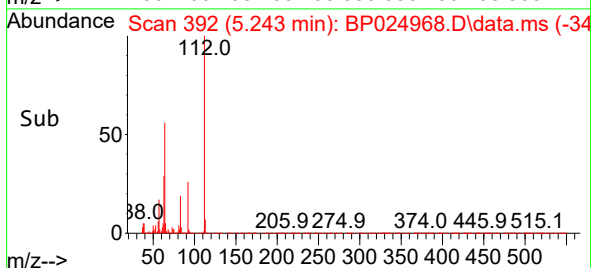
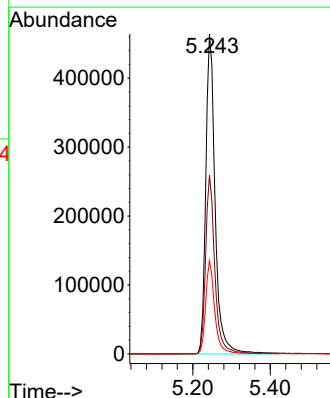
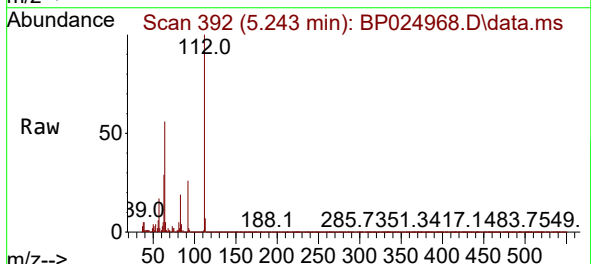
Instrument :
BNA_P
ClientSampleId :
HD-01-6132025

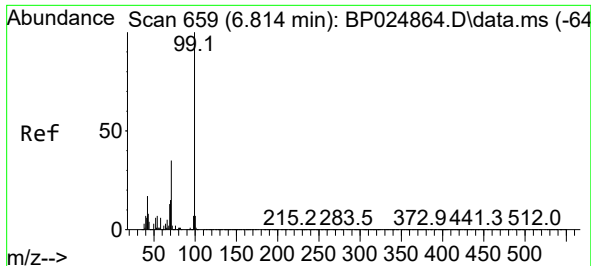
Tgt Ion:152 Resp: 326630
Ion Ratio Lower Upper
152 100
150 153.8 122.1 183.1
115 59.4 46.4 69.6



#5
2-Fluorophenol
Concen: 39.822 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024968.D
Acq: 16 Jun 2025 19:46

Tgt Ion:112 Resp: 779233
Ion Ratio Lower Upper
112 100
64 55.8 44.7 67.1
63 29.1 23.5 35.3

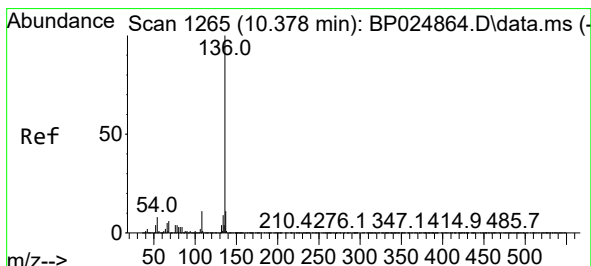
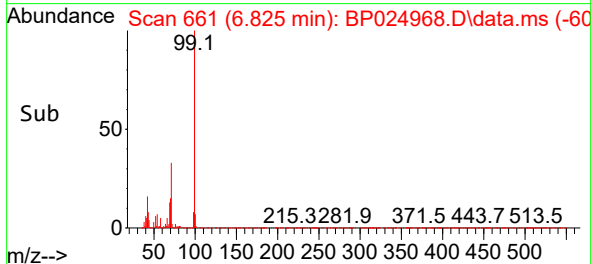
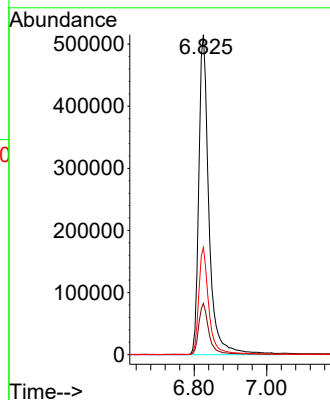
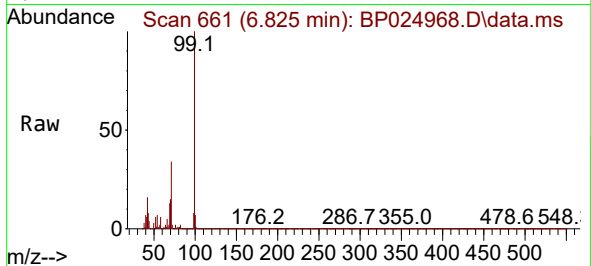




#7
Phenol-d6
Concen: 38.725 ng
RT: 6.825 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP024968.D
Acq: 16 Jun 2025 19:46

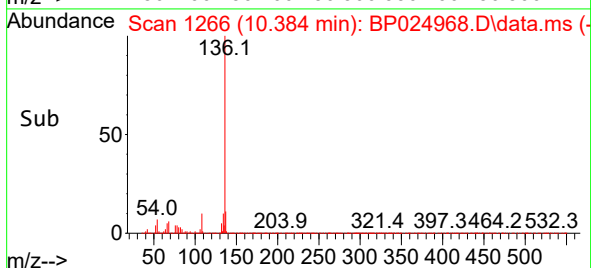
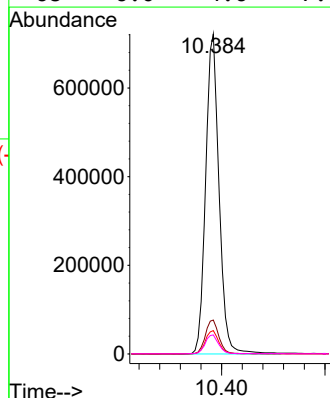
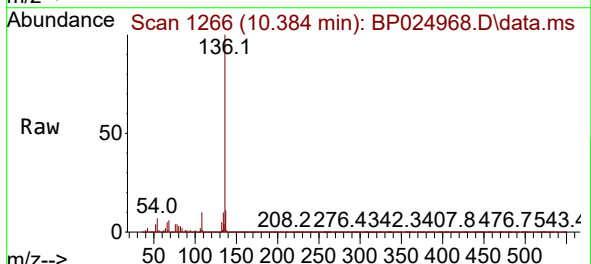
Instrument :
BNA_P
ClientSampleId :
HD-01-6132025

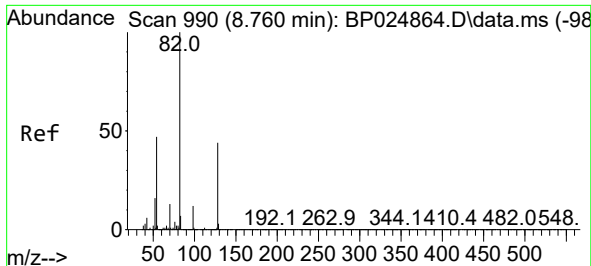
Tgt Ion: 99 Resp: 1002613
Ion Ratio Lower Upper
99 100
42 16.0 13.4 20.2
71 33.5 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.384 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BP024968.D
Acq: 16 Jun 2025 19:46

Tgt Ion: 136 Resp: 1296419
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.3 6.1 9.1
68 6.0 4.6 7.0

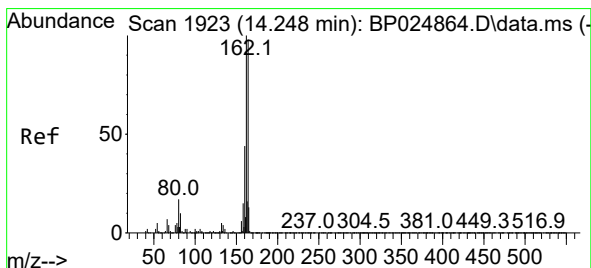
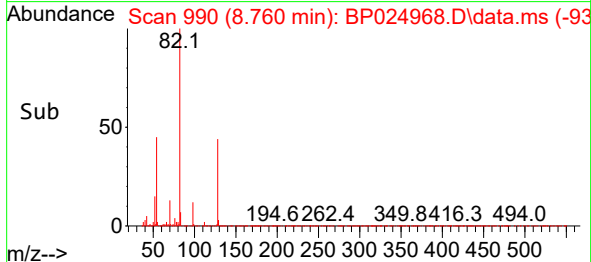
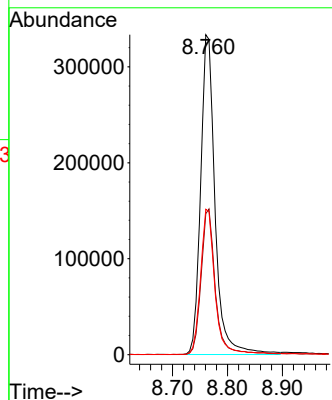
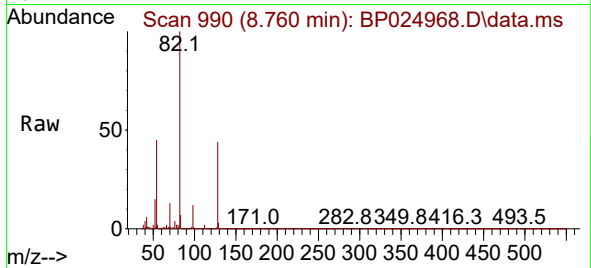




#23
 Nitrobenzene-d5
 Concen: 22.869 ng
 RT: 8.760 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: BP024968.D
 Acq: 16 Jun 2025 19:46

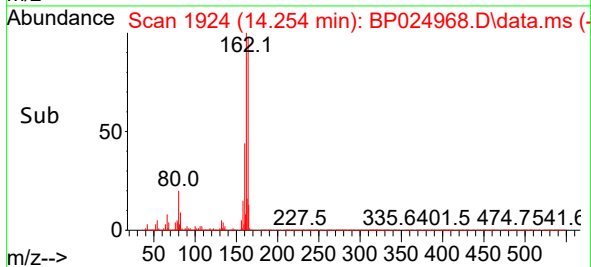
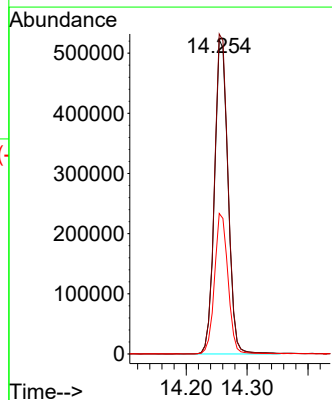
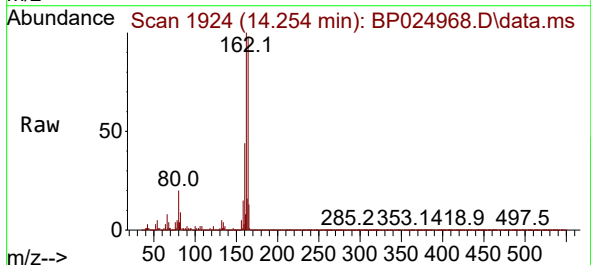
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-6132025

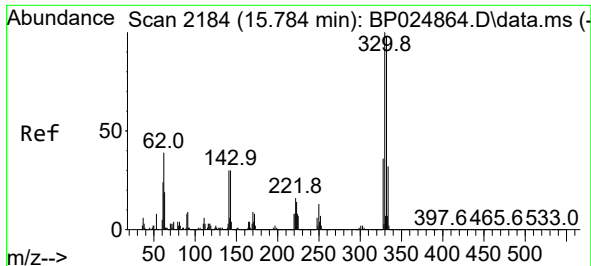
Tgt Ion: 82 Resp: 610126
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.3 52.9
 54 45.4 37.4 56.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.254 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: BP024968.D
 Acq: 16 Jun 2025 19:46

Tgt Ion:164 Resp: 802382
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.6 122.4
 160 44.7 36.2 54.2

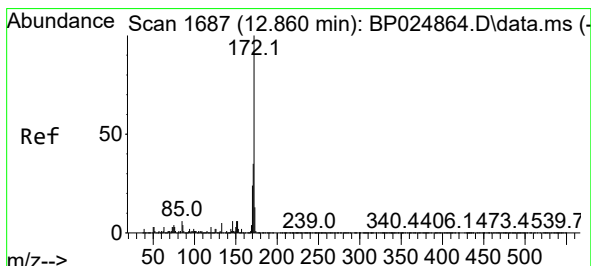
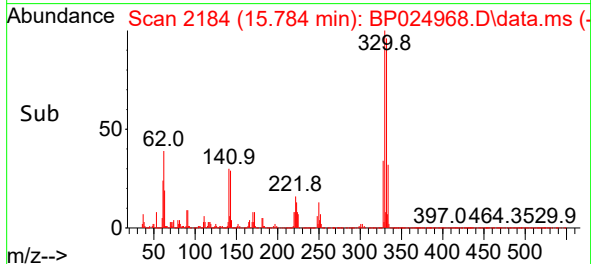
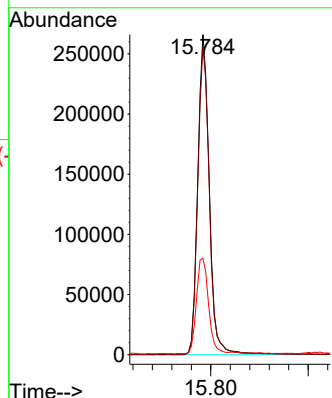
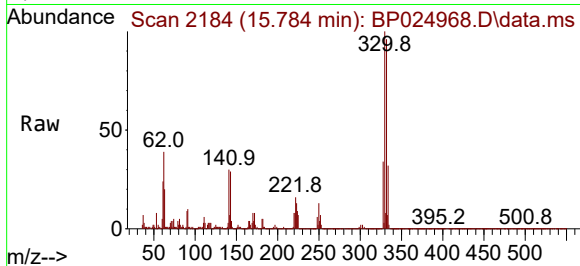




#42
2,4,6-Tribromophenol
Concen: 39.819 ng
RT: 15.784 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024968.D
Acq: 16 Jun 2025 19:46

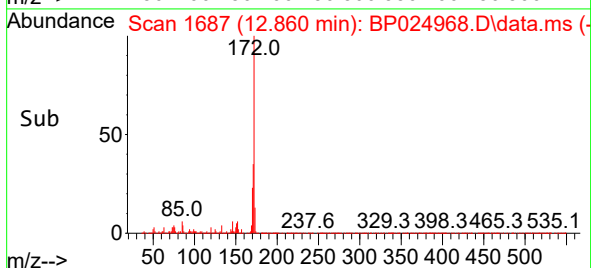
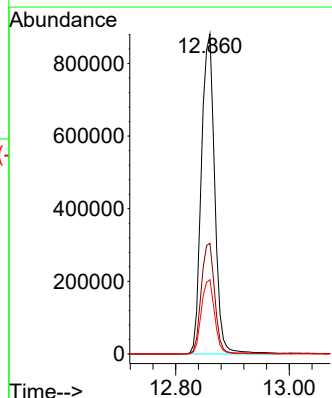
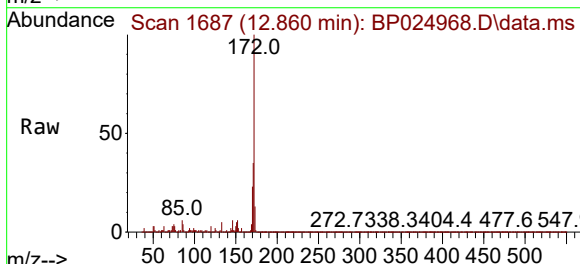
Instrument :
BNA_P
ClientSampleId :
HD-01-6132025

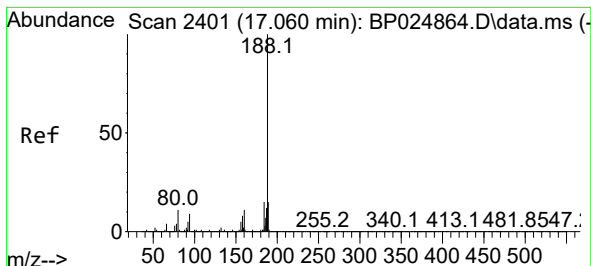
Tgt Ion: 330 Resp: 441727
Ion Ratio Lower Upper
330 100
332 95.7 77.7 116.5
141 31.3 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 24.197 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024968.D
Acq: 16 Jun 2025 19:46

Tgt Ion: 172 Resp: 1441261
Ion Ratio Lower Upper
172 100
171 34.6 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: BP024968.D

Acq: 16 Jun 2025 19:46

Instrument :

BNA_P

ClientSampleId :

HD-01-6132025

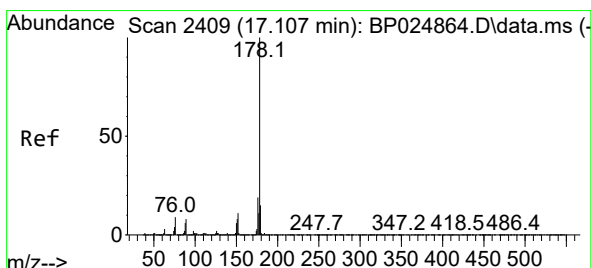
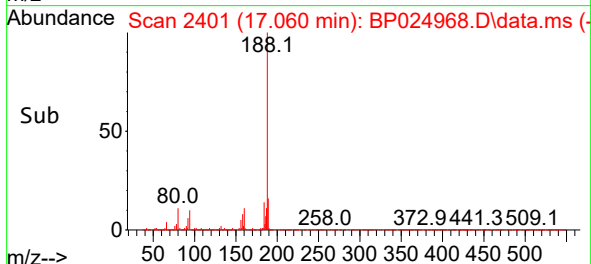
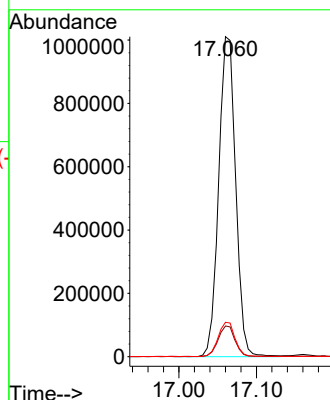
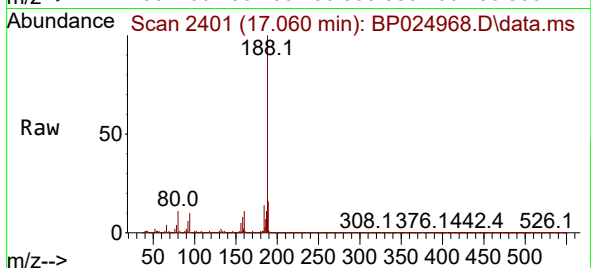
Tgt Ion:188 Resp: 1535221

Ion Ratio Lower Upper

188 100

94 9.6 7.3 10.9

80 10.8 8.5 12.7



#71

Phenanthrene

Concen: 11.380 ng

RT: 17.107 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP024968.D

Acq: 16 Jun 2025 19:46

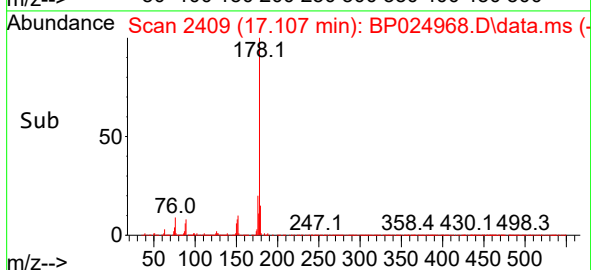
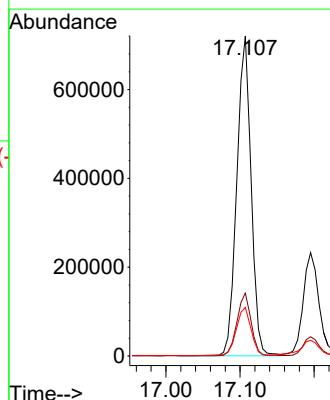
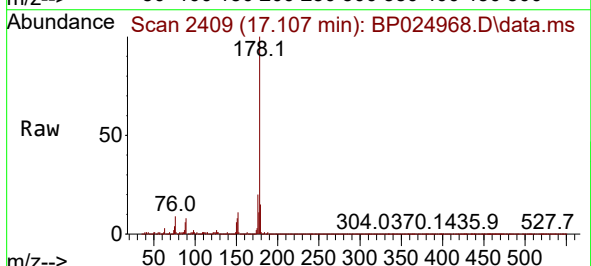
Tgt Ion:178 Resp: 965453

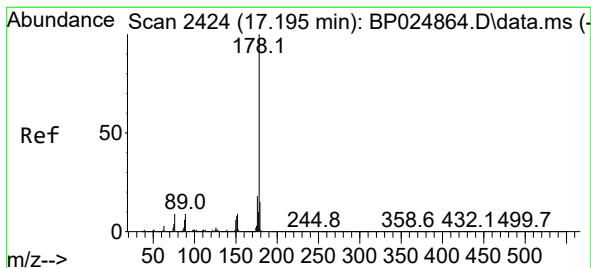
Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

179 15.2 12.1 18.1





#72

Anthracene

Concen: 3.885 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BP024968.D

Acq: 16 Jun 2025 19:46

Instrument :

BNA_P

ClientSampleId :

HD-01-6132025

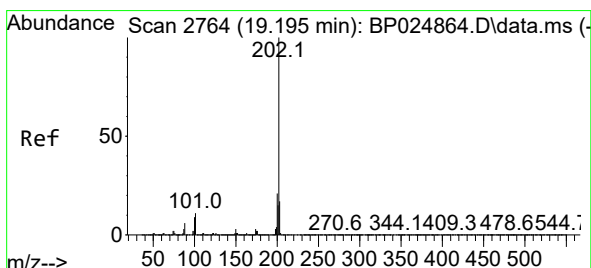
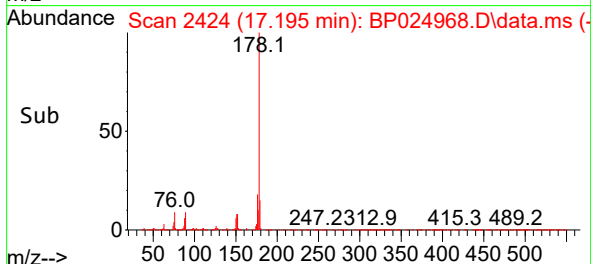
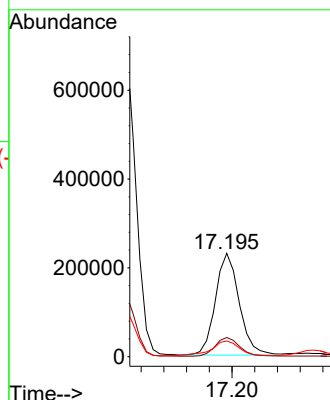
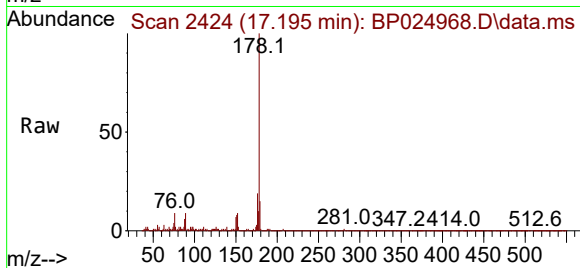
Tgt Ion:178 Resp: 333820

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.2 12.3 18.5



#75

Fluoranthene

Concen: 17.976 ng

RT: 19.195 min Scan# 2764

Delta R.T. -0.000 min

Lab File: BP024968.D

Acq: 16 Jun 2025 19:46

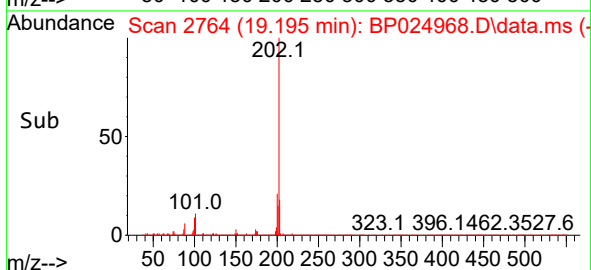
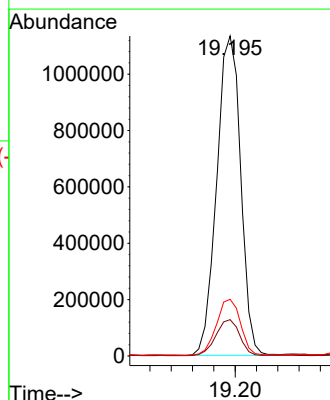
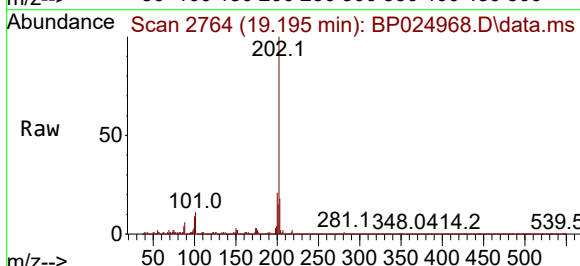
Tgt Ion:202 Resp: 1767655

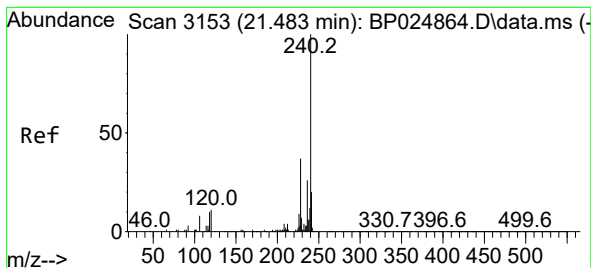
Ion Ratio Lower Upper

202 100

101 11.3 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: BP024968.D

Acq: 16 Jun 2025 19:46

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HD-01-6132025

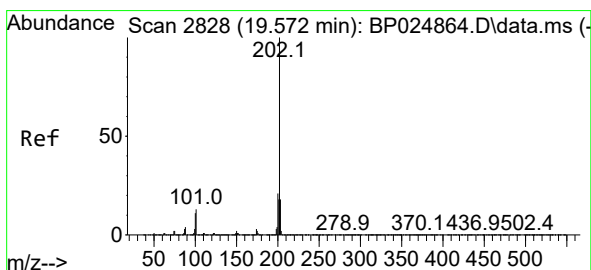
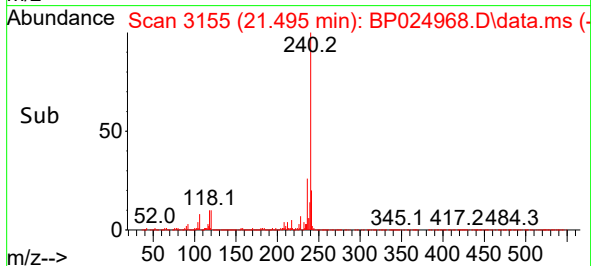
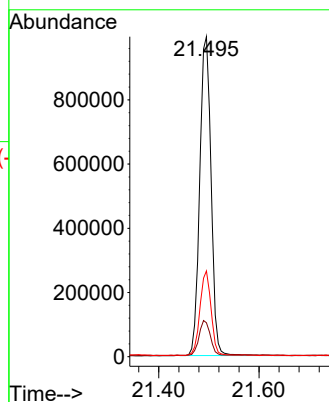
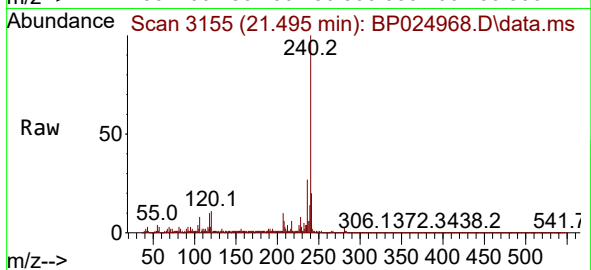
Tgt Ion:240 Resp: 1553019

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 26.8 20.9 31.3



#78

Pyrene

Concen: 16.259 ng

RT: 19.572 min Scan# 2828

Delta R.T. -0.000 min

Lab File: BP024968.D

Acq: 16 Jun 2025 19:46

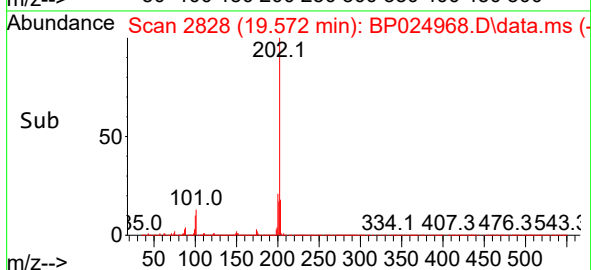
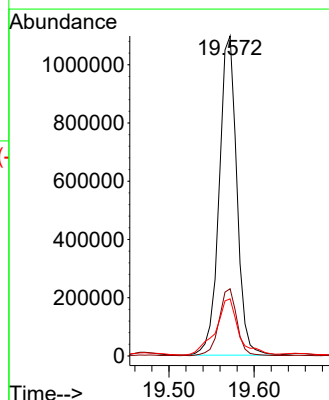
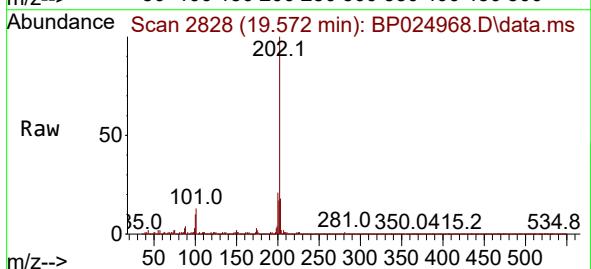
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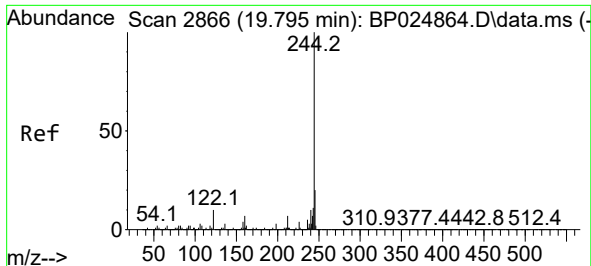
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.9 14.0 21.0

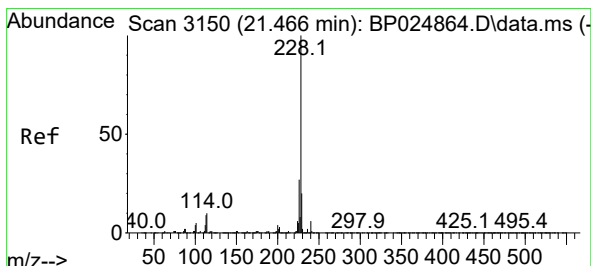
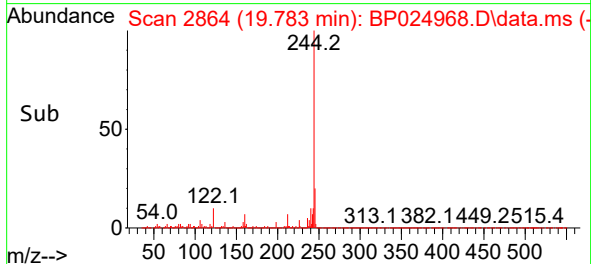
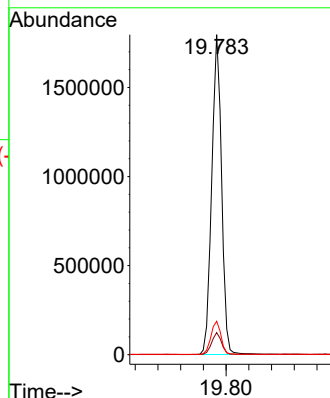
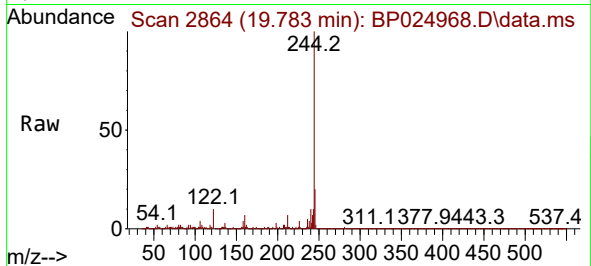




#79
 Terphenyl-d14
 Concen: 24.770 ng
 RT: 19.783 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024968.D
 Acq: 16 Jun 2025 19:46

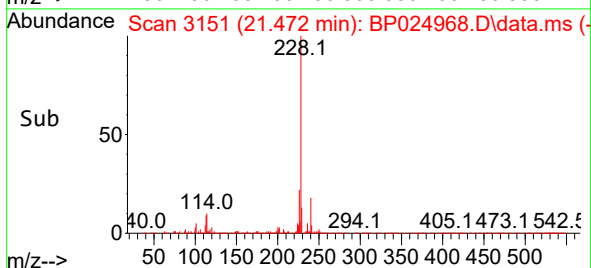
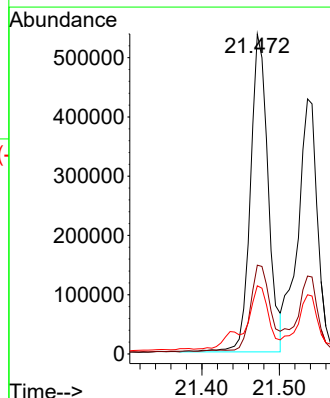
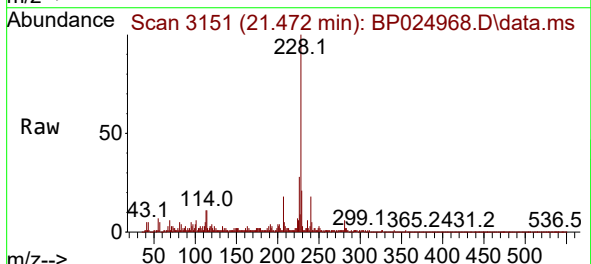
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-6132025

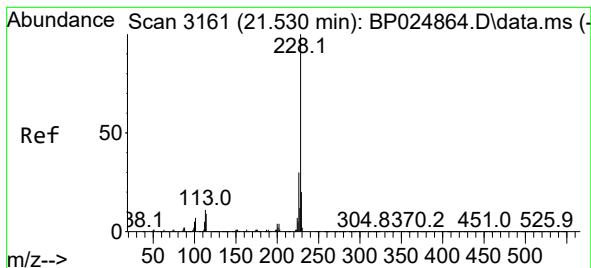
Tgt Ion:244 Resp: 2146368
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.4 7.7 11.5



#81
 Benzo(a)anthracene
 Concen: 8.552 ng
 RT: 21.472 min Scan# 3151
 Delta R.T. 0.006 min
 Lab File: BP024968.D
 Acq: 16 Jun 2025 19:46

Tgt Ion:228 Resp: 849447
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.1 33.1
 229 21.3 15.9 23.9





#83

Chrysene

Concen: 8.072 ng

RT: 21.536 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024968.D

Acq: 16 Jun 2025 19:46

Instrument :

BNA_P

ClientSampleId :

HD-01-6132025

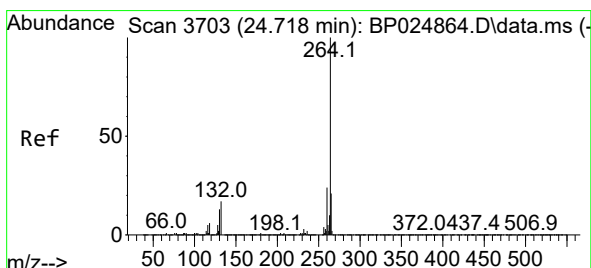
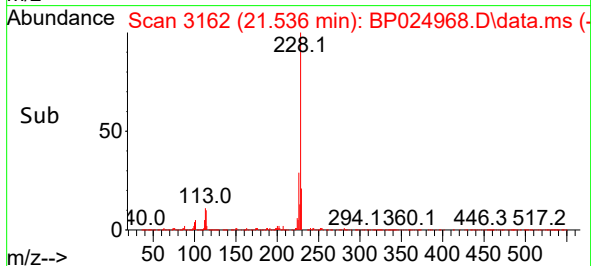
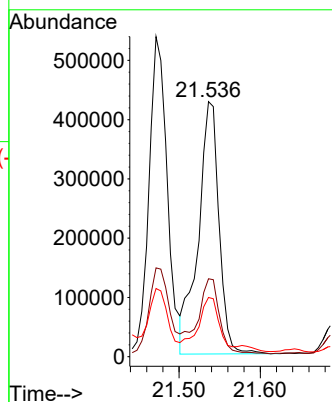
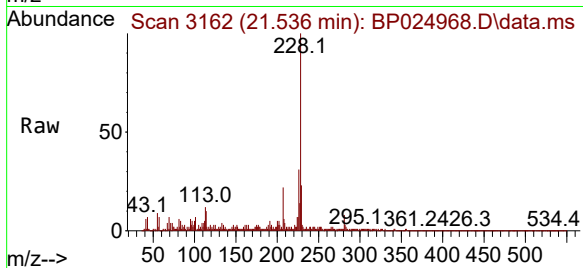
Tgt Ion:228 Resp: 759715

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

229 23.2 15.6 23.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.760 min Scan# 3710

Delta R.T. 0.041 min

Lab File: BP024968.D

Acq: 16 Jun 2025 19:46

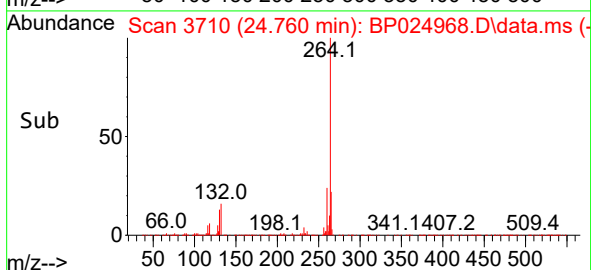
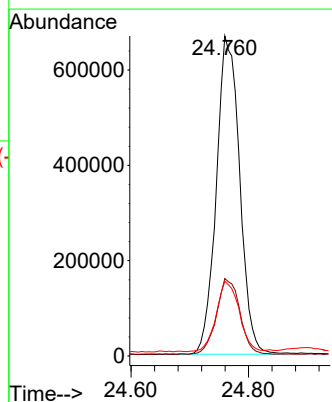
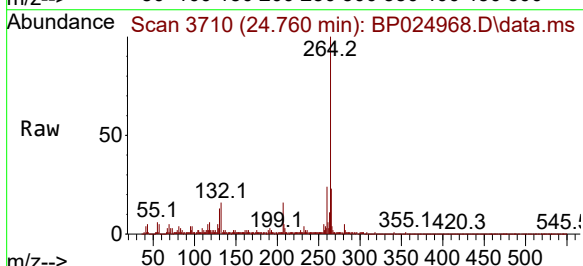
Tgt Ion:264 Resp: 1838346

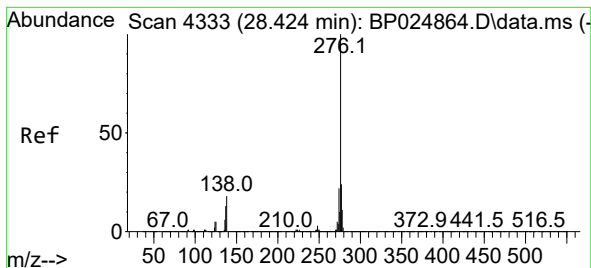
Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 23.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.905 ng

RT: 28.489 min Scan# 41

Delta R.T. 0.065 min

Lab File: BP024968.D

Acq: 16 Jun 2025 19:46

Instrument :

BNA_P

ClientSampleId :

HD-01-6132025

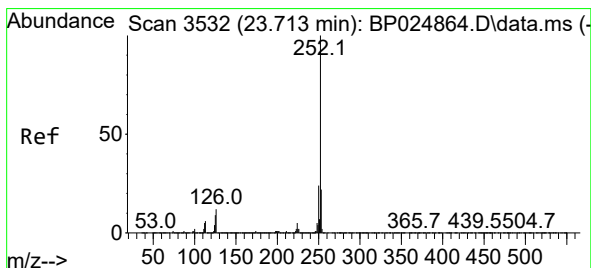
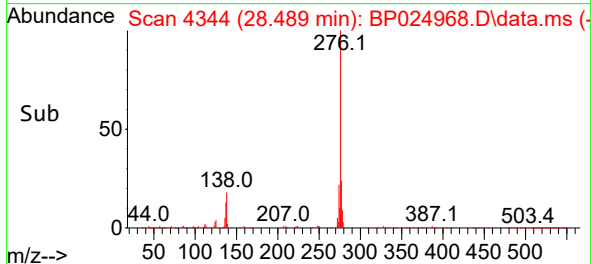
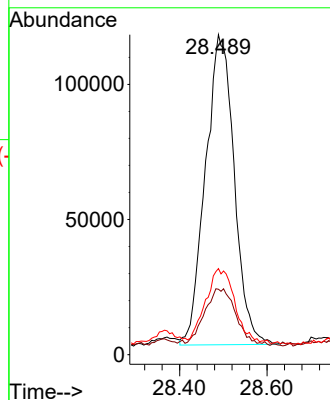
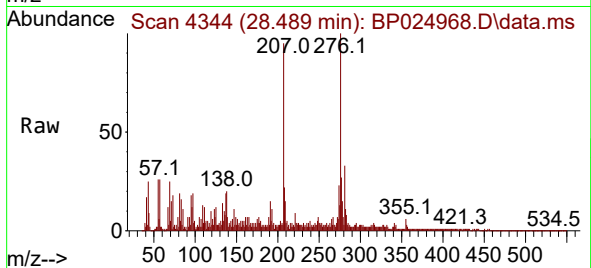
Tgt Ion:276 Resp: 523741

Ion Ratio Lower Upper

276 100

138 18.6 18.6 27.8

277 24.9 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 10.511 ng m

RT: 23.736 min Scan# 3536

Delta R.T. 0.024 min

Lab File: BP024968.D

Acq: 16 Jun 2025 19:46

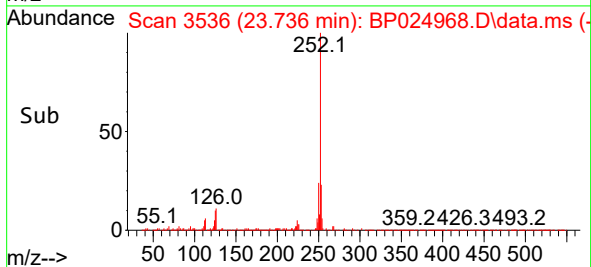
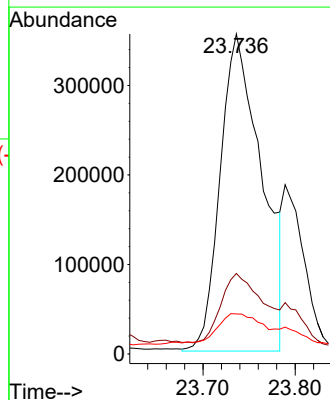
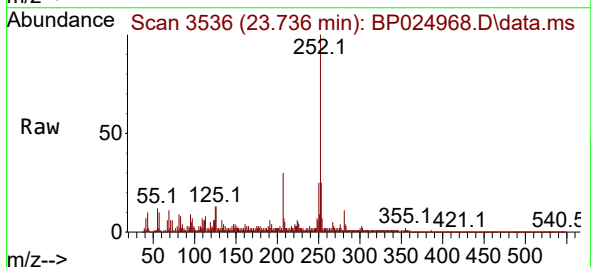
Tgt Ion:252 Resp: 1105833

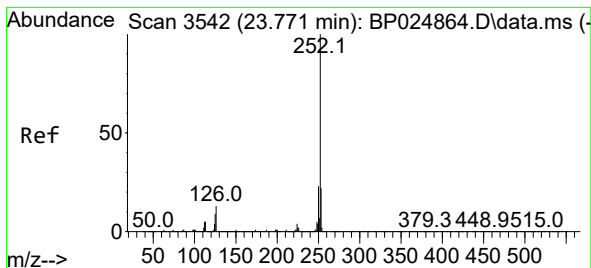
Ion Ratio Lower Upper

252 100

253 25.1 17.6 26.4

125 12.5 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 2.767 ng m

RT: 23.789 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP024968.D

Acq: 16 Jun 2025 19:46

Instrument :

BNA_P

ClientSampleId :

HD-01-6132025

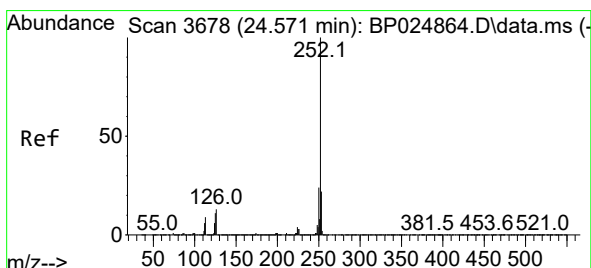
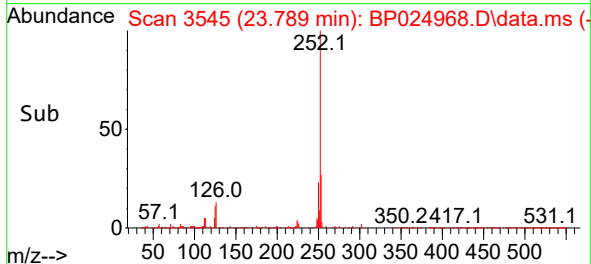
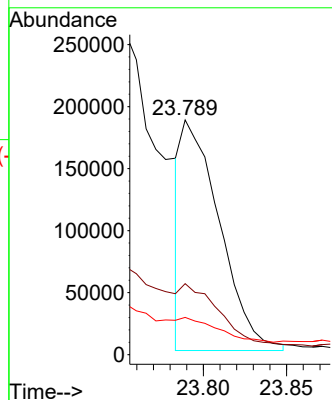
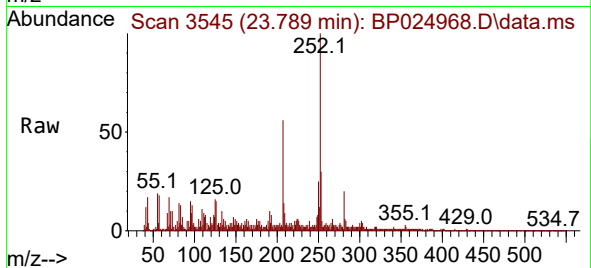
Tgt Ion:252 Resp: 296346

Ion Ratio Lower Upper

252 100

253 30.3 17.7 26.5#

125 15.9 7.4 11.0#



#90

Benzo(a)pyrene

Concen: 7.893 ng

RT: 24.607 min Scan# 3684

Delta R.T. 0.035 min

Lab File: BP024968.D

Acq: 16 Jun 2025 19:46

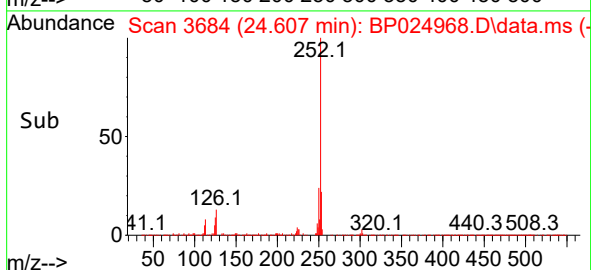
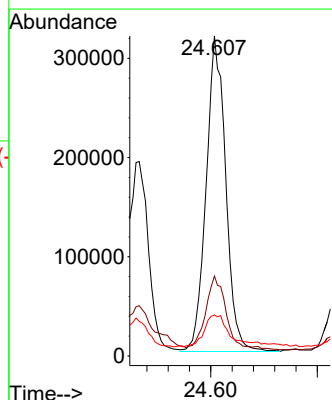
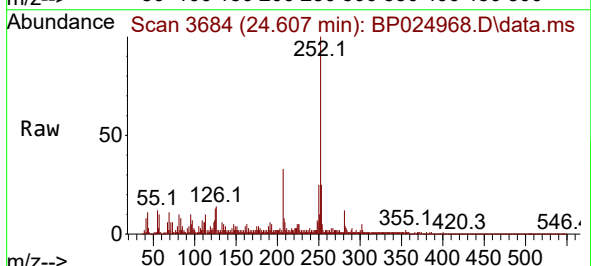
Tgt Ion:252 Resp: 810993

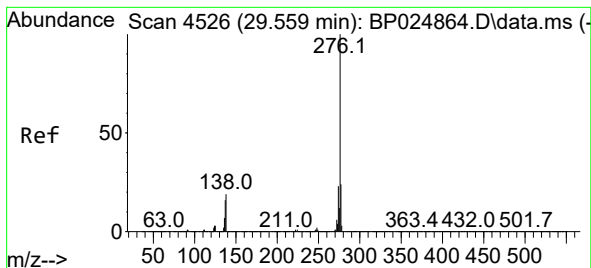
Ion Ratio Lower Upper

252 100

253 25.0 17.5 26.3

125 12.8 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 4.617 ng

RT: 29.659 min Scan# 4543

Delta R.T. 0.100 min

Lab File: BP024968.D

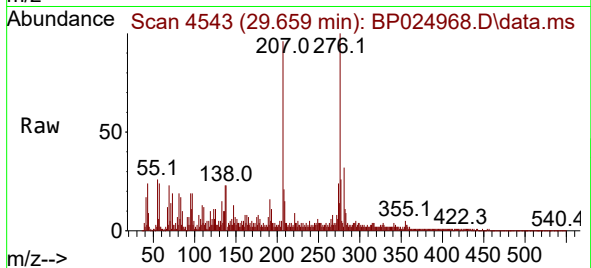
Acq: 16 Jun 2025 19:46

Instrument :

BNA_P

ClientSampleId :

HD-01-6132025



Tgt Ion:276 Resp: 500114

Ion Ratio Lower Upper

276 100

277 26.3 19.1 28.7

138 22.9 15.4 23.2

