

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025090.D
 Acq On : 10 Jul 2025 19:44
 Operator : CG/JU
 Sample : Q2529-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-91

Quant Time: Jul 11 02:31:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

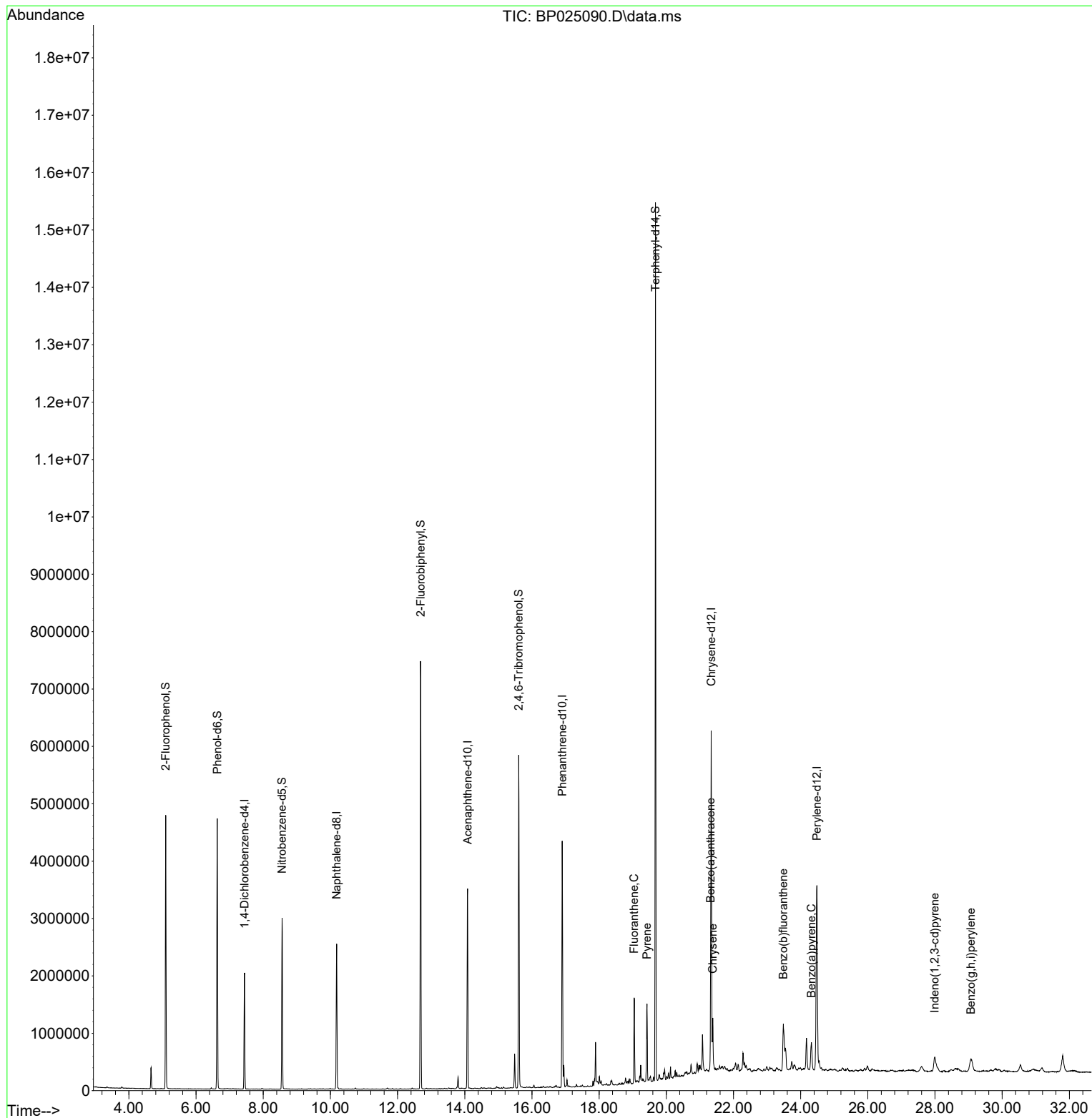
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	532751	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2130139	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1357231	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2770425	20.000	ng	0.00
76) Chrysene-d12	21.336	240	3117375	20.000	ng	0.00
86) Perylene-d12	24.483	264	3248937	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2097186	69.749	ng	0.00
7) Phenol-d6	6.631	99	2745803	69.979	ng	0.00
23) Nitrobenzene-d5	8.561	82	1584486	49.469	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1262136	78.719	ng	-0.01
45) 2-Fluorobiphenyl	12.684	172	4296056	49.036	ng	-0.01
79) Terphenyl-d14	19.678	244	7037354	49.614	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.042	202	963301	5.567	ng	99
78) Pyrene	19.425	202	871177	4.512	ng	99
81) Benzo(a)anthracene	21.319	228	520755m	2.757	ng	
83) Chrysene	21.383	228	623611	3.430	ng	98
87) Indeno(1,2,3-cd)pyrene	27.989	276	438696	2.120	ng	# 89
88) Benzo(b)fluoranthene	23.483	252	983678	5.202	ng	99
90) Benzo(a)pyrene	24.319	252	537106	3.337	ng	98
92) Benzo(g,h,i)perylene	29.071	276	399582	2.261	ng	98

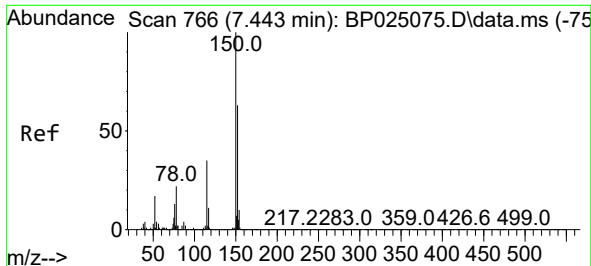
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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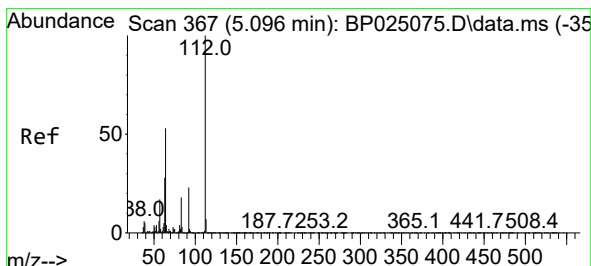
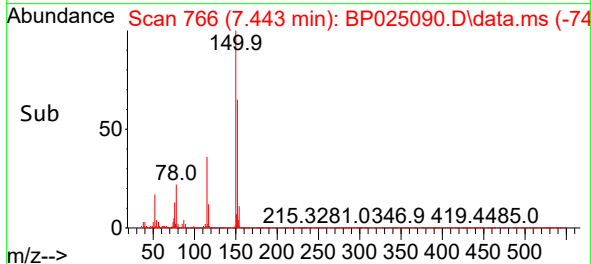
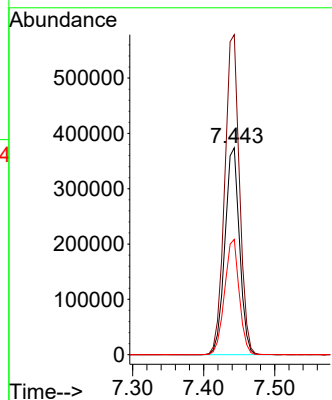
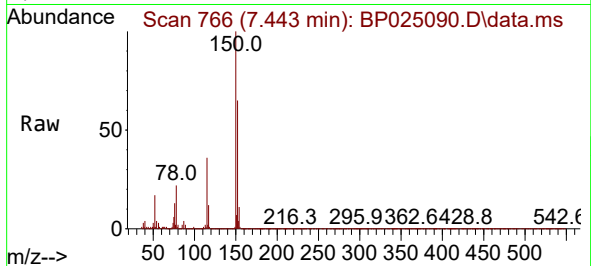




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 766
Delta R.T. -0.000 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

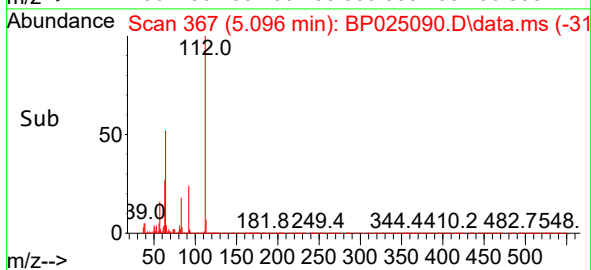
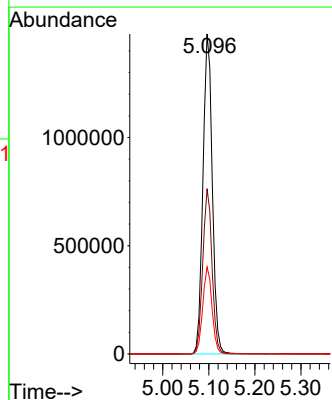
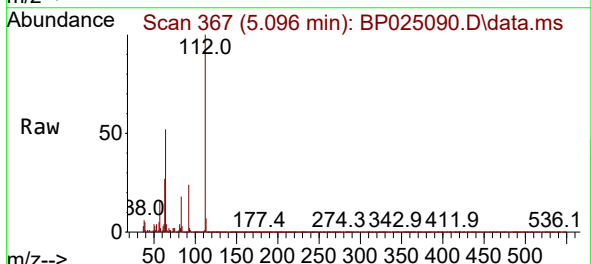
Instrument :
BNA_P
ClientSampleId :
TP-91

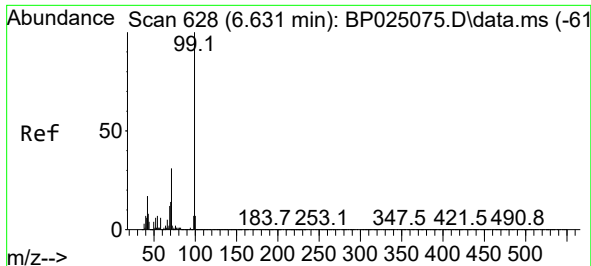
Tgt Ion:152 Resp: 532751
Ion Ratio Lower Upper
152 100
150 154.7 126.1 189.1
115 55.8 44.3 66.5



#5
2-Fluorophenol
Concen: 69.749 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:112 Resp: 2097186
Ion Ratio Lower Upper
112 100
64 51.7 42.0 63.0
63 27.2 22.2 33.2



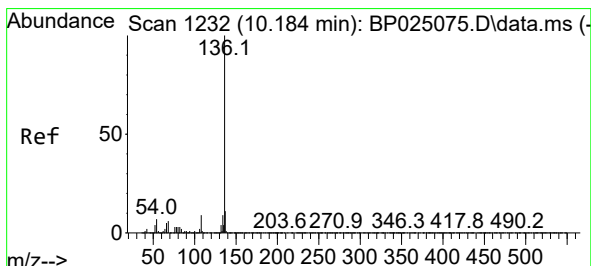
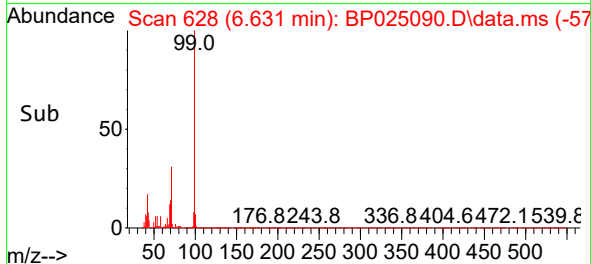
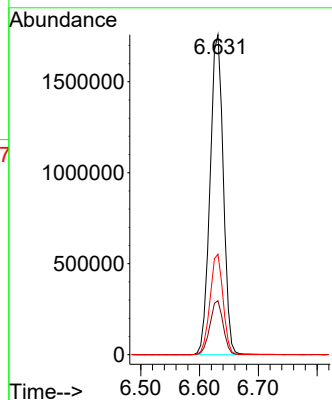
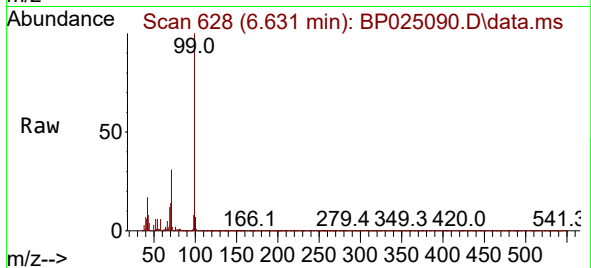


#7
Phenol-d6
Concen: 69.979 ng
RT: 6.631 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Instrument :
BNA_P
ClientSampleId :
TP-91

Tgt Ion: 99 Resp: 2745803

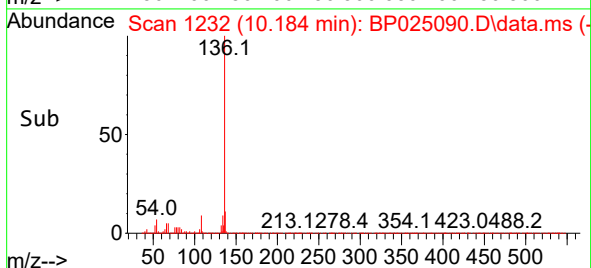
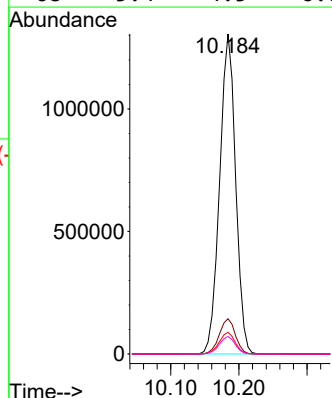
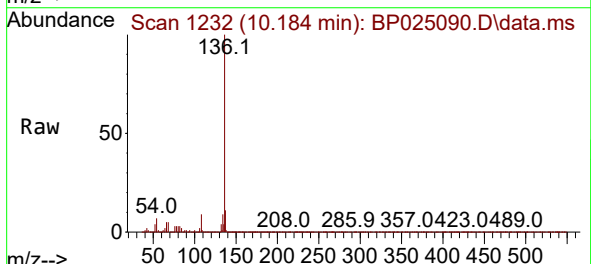
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	31.4	24.4	36.6

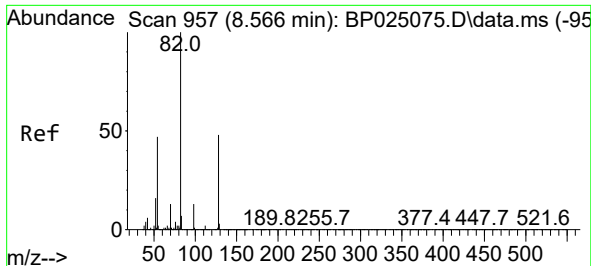


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion: 136 Resp: 2130139

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	5.4	8.2
68	5.4	4.5	6.7

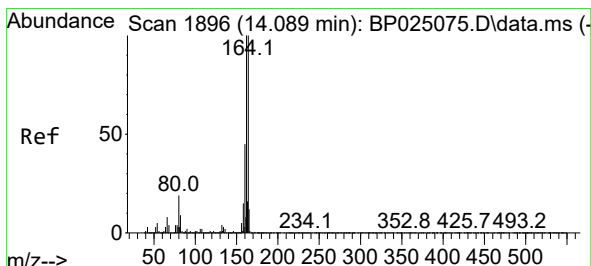
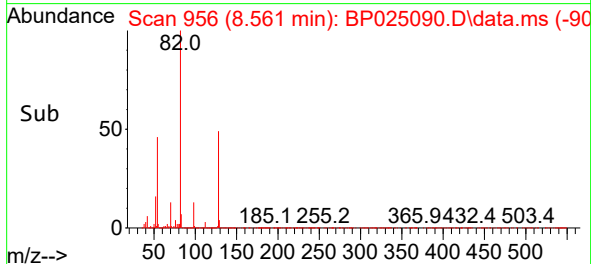
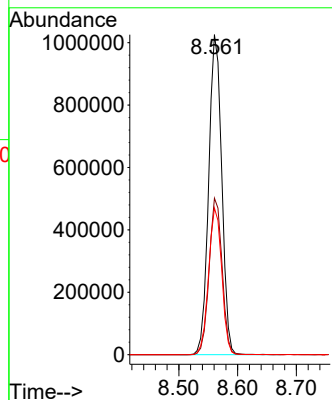
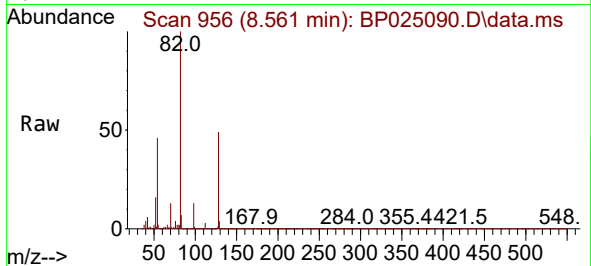




#23
Nitrobenzene-d5
Concen: 49.469 ng
RT: 8.561 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

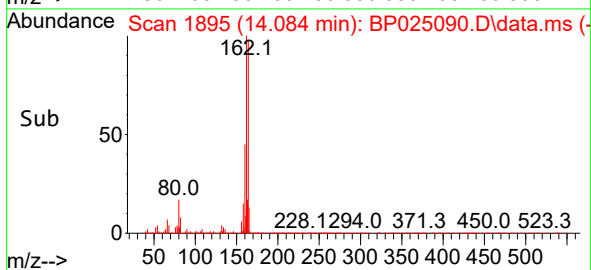
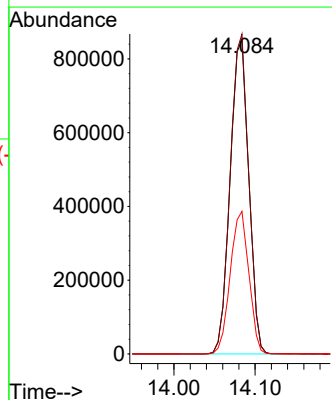
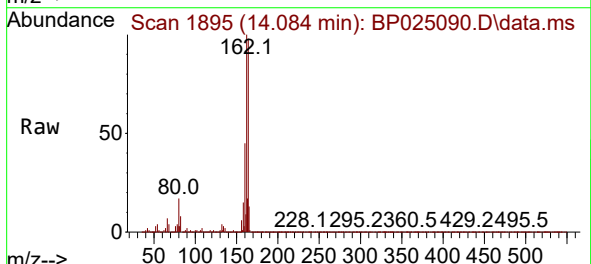
Instrument :
BNA_P
ClientSampleId :
TP-91

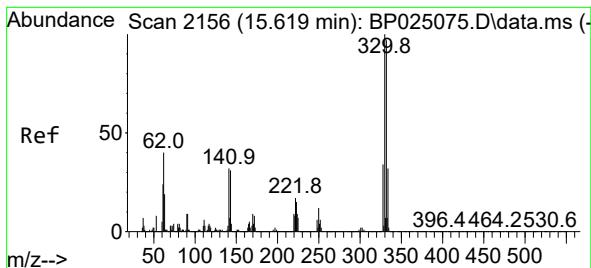
Tgt Ion: 82 Resp: 1584486
Ion Ratio Lower Upper
82 100
128 48.9 38.4 57.6
54 45.8 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:164 Resp: 1357231
Ion Ratio Lower Upper
164 100
162 101.6 80.3 120.5
160 45.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 78.719 ng

RT: 15.607 min Scan# 2156

Delta R.T. -0.012 min

Lab File: BP025090.D

Acq: 10 Jul 2025 19:44

Instrument :

BNA_P

ClientSampleId :

TP-91

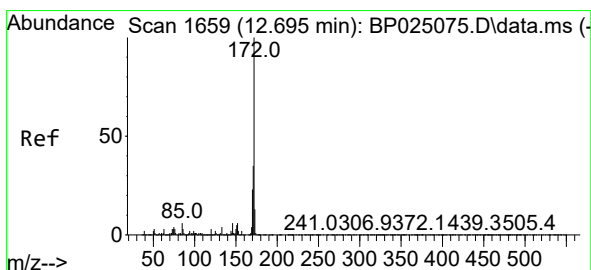
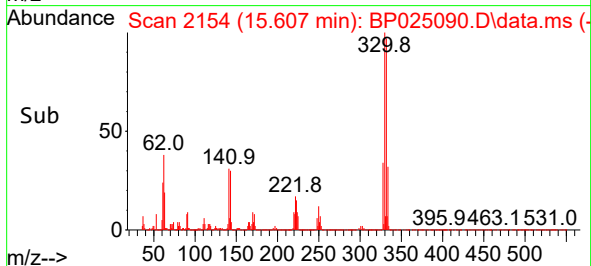
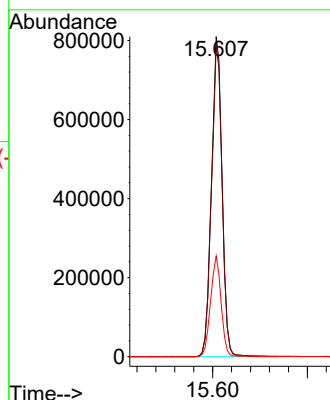
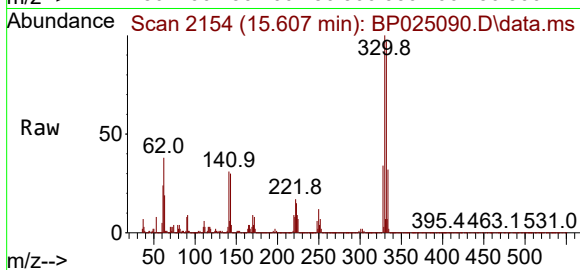
Tgt Ion:330 Resp: 1262136

Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

141 31.2 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 49.036 ng

RT: 12.684 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BP025090.D

Acq: 10 Jul 2025 19:44

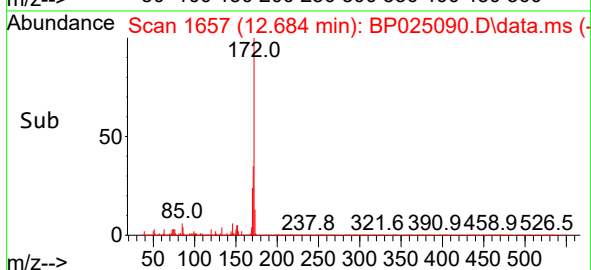
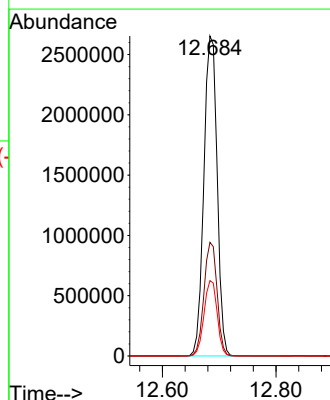
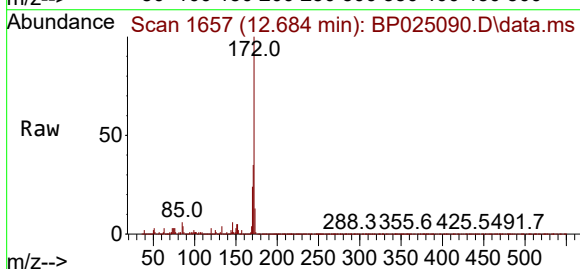
Tgt Ion:172 Resp: 4296056

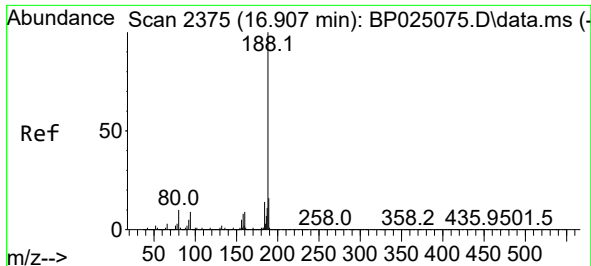
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.5 18.7 28.1

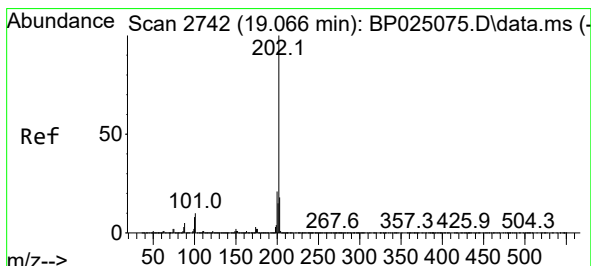
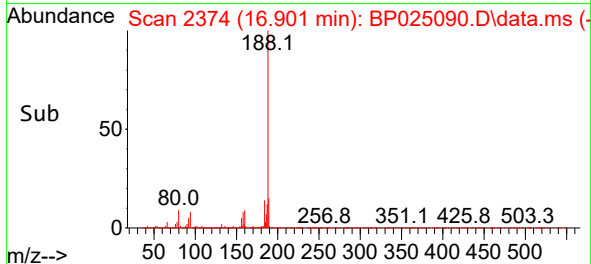
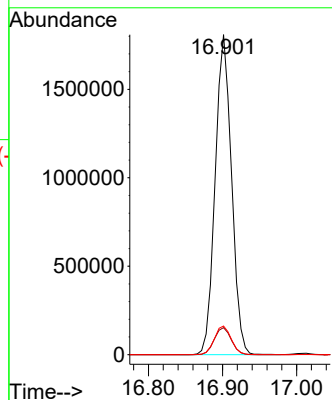
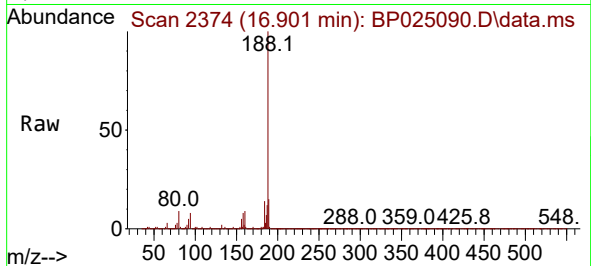




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

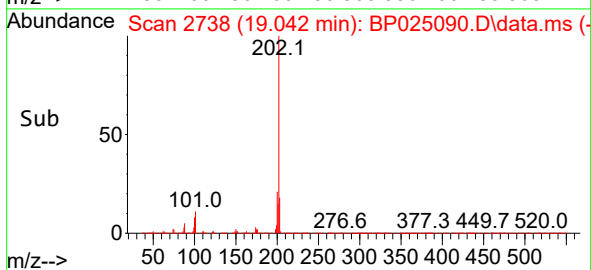
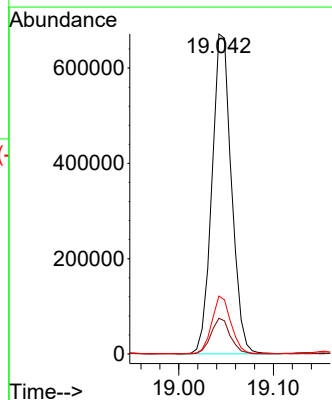
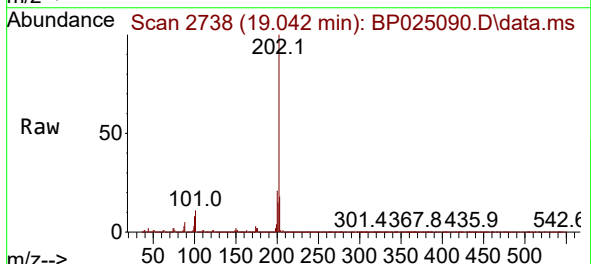
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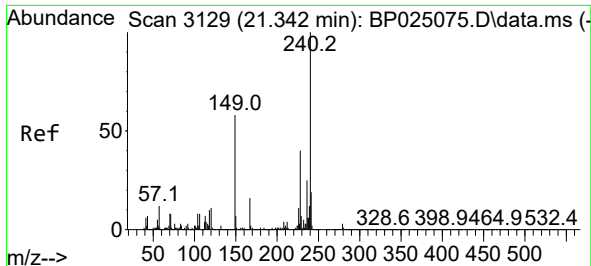
Tgt Ion:188 Resp: 2770425
Ion Ratio Lower Upper
188 100
94 8.5 7.3 10.9
80 9.0 7.8 11.6



#75
Fluoranthene
Concen: 5.567 ng
RT: 19.042 min Scan# 2738
Delta R.T. -0.023 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:202 Resp: 963301
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.4
203 18.1 0.0 37.6

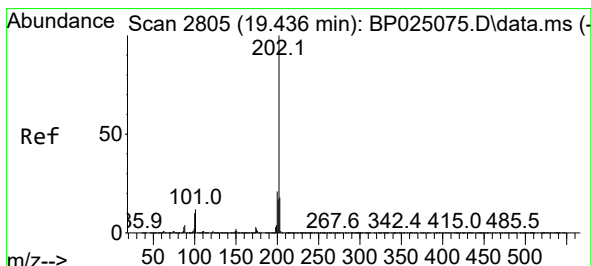
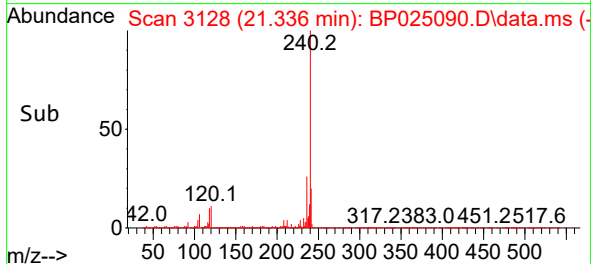
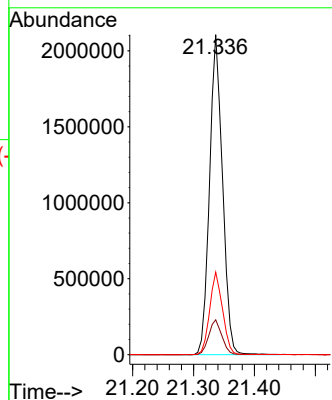
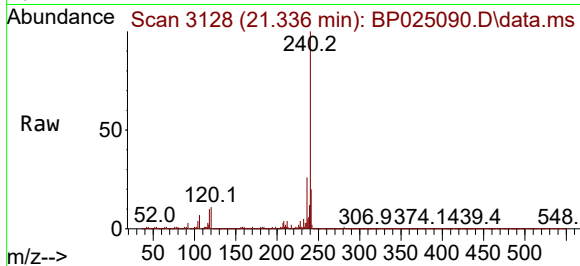




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

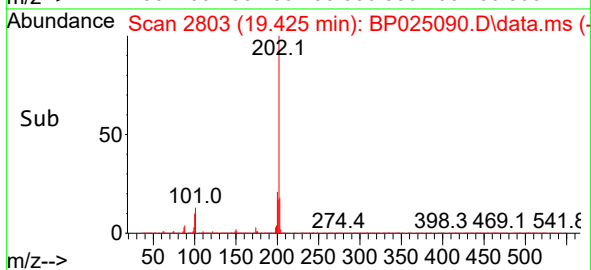
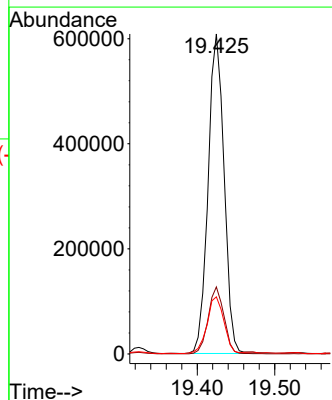
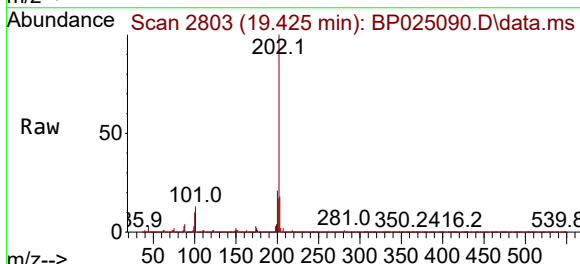
Instrument :
BNA_P
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TP-91

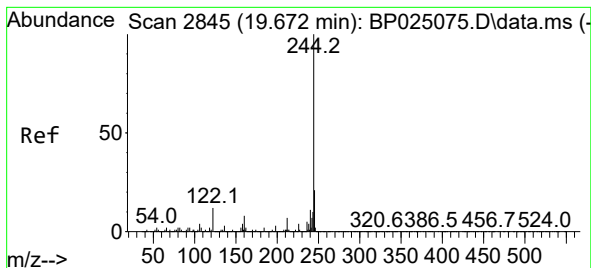
Tgt Ion:240 Resp: 3117375
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.8 20.3 30.5



#78
Pyrene
Concen: 4.512 ng
RT: 19.425 min Scan# 2803
Delta R.T. -0.012 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:202 Resp: 871177
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 49.614 ng

RT: 19.678 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025090.D

Acq: 10 Jul 2025 19:44

Instrument :

BNA_P

ClientSampleId :

TP-91

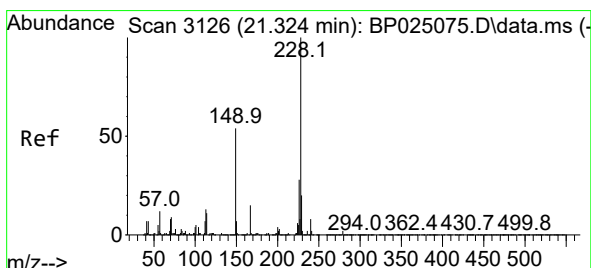
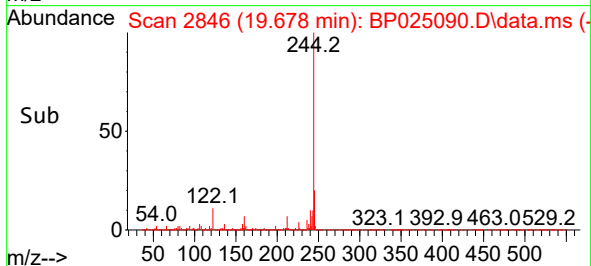
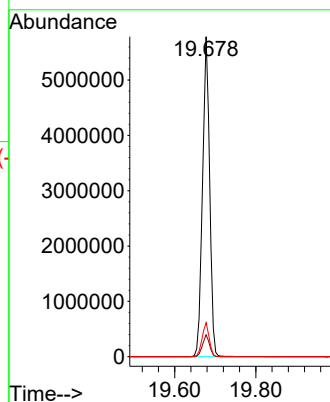
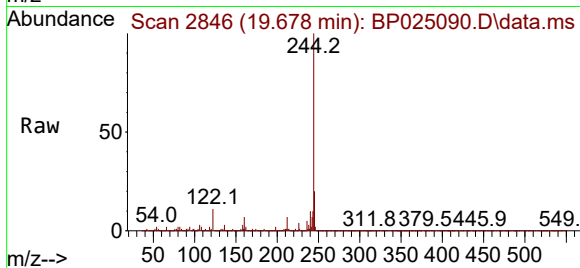
Tgt Ion:244 Resp: 7037354

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 10.7 9.4 14.2



#81

Benzo(a)anthracene

Concen: 2.757 ng m

RT: 21.319 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BP025090.D

Acq: 10 Jul 2025 19:44

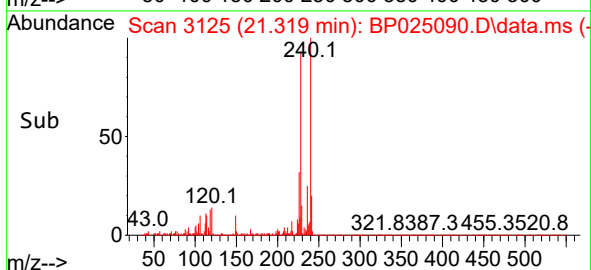
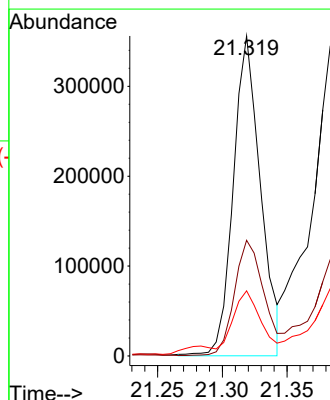
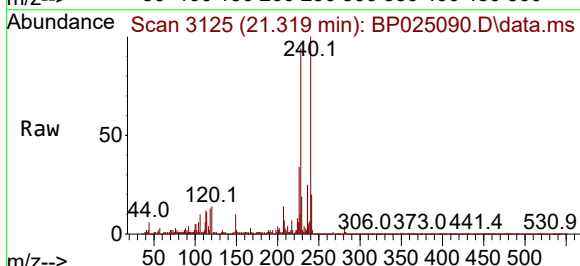
Tgt Ion:228 Resp: 520755

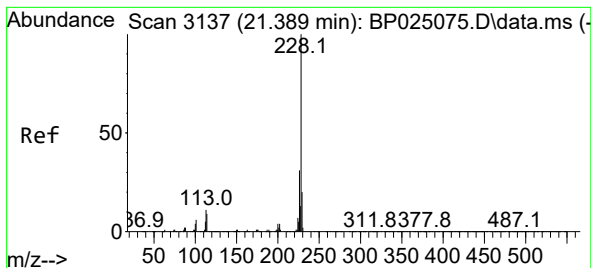
Ion Ratio Lower Upper

228 100

226 36.2 22.1 33.1#

229 20.3 16.0 24.0





#83

Chrysene

Concen: 3.430 ng

RT: 21.383 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BP025090.D

Acq: 10 Jul 2025 19:44

Instrument :

BNA_P

ClientSampleId :

TP-91

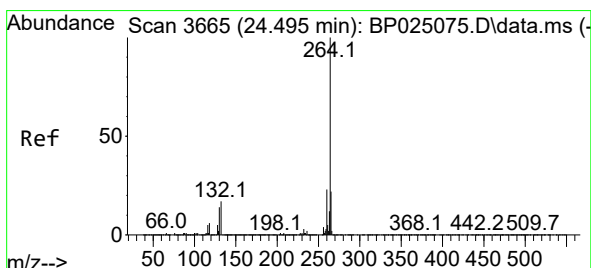
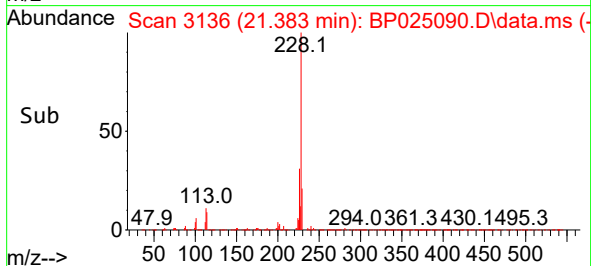
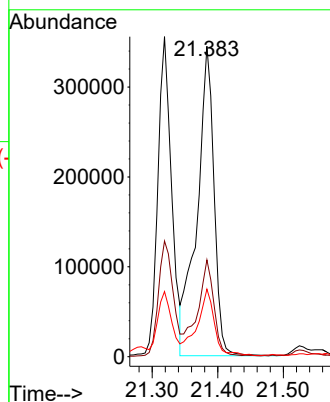
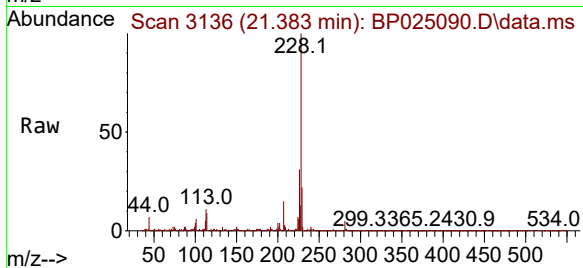
Tgt Ion:228 Resp: 623611

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

229 21.8 16.0 24.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.483 min Scan# 3663

Delta R.T. -0.012 min

Lab File: BP025090.D

Acq: 10 Jul 2025 19:44

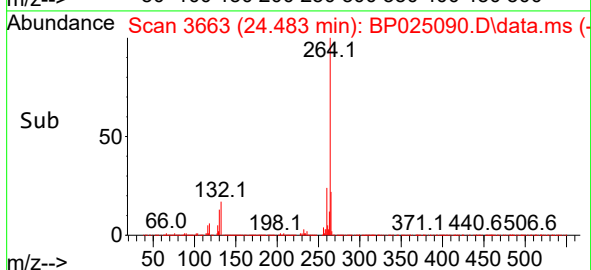
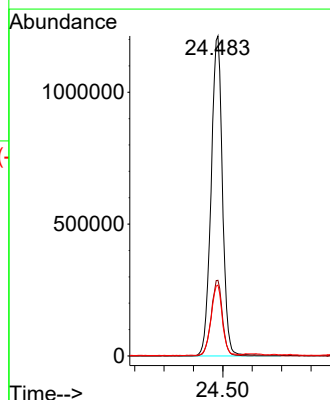
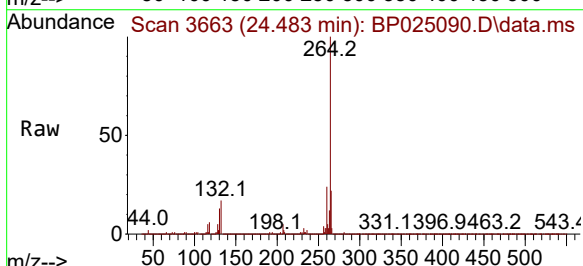
Tgt Ion:264 Resp: 3248937

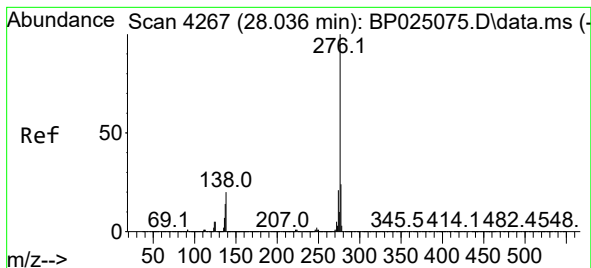
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.120 ng

RT: 27.989 min Scan# 41

Delta R.T. -0.047 min

Lab File: BP025090.D

Acq: 10 Jul 2025 19:44

Instrument :

BNA_P

ClientSampleId :

TP-91

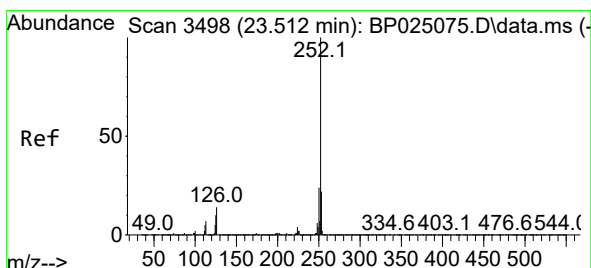
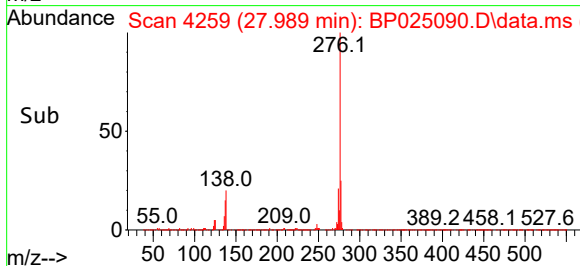
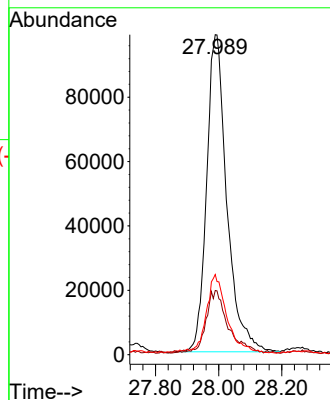
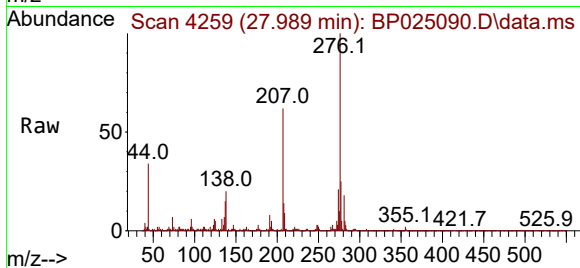
Tgt Ion:276 Resp: 438696

Ion Ratio Lower Upper

276 100

138 21.1 13.0 19.6#

277 24.6 15.9 23.9#



#88

Benzo(b)fluoranthene

Concen: 5.202 ng

RT: 23.483 min Scan# 3493

Delta R.T. -0.029 min

Lab File: BP025090.D

Acq: 10 Jul 2025 19:44

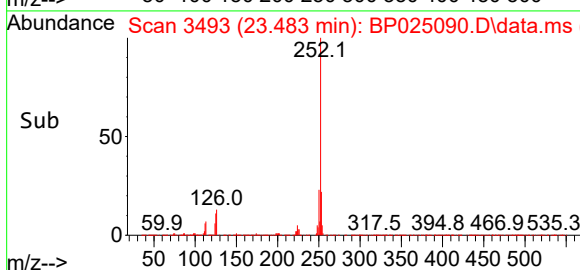
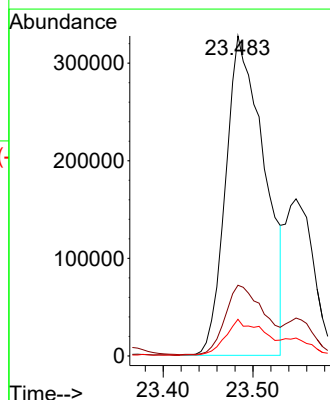
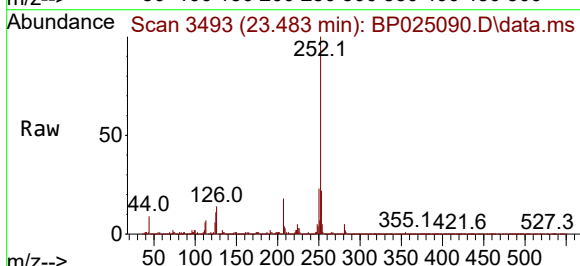
Tgt Ion:252 Resp: 983678

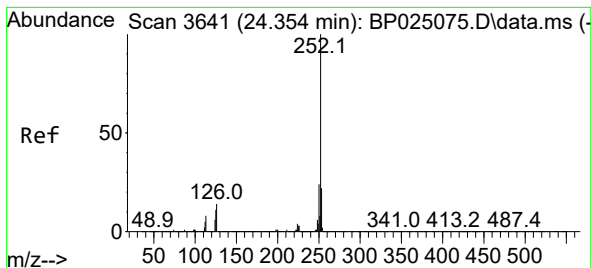
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.5 8.1 12.1





#90

Benzo(a)pyrene

Concen: 3.337 ng

RT: 24.319 min Scan# 3

Delta R.T. -0.035 min

Lab File: BP025090.D

Acq: 10 Jul 2025 19:44

Instrument :

BNA_P

ClientSampleId :

TP-91

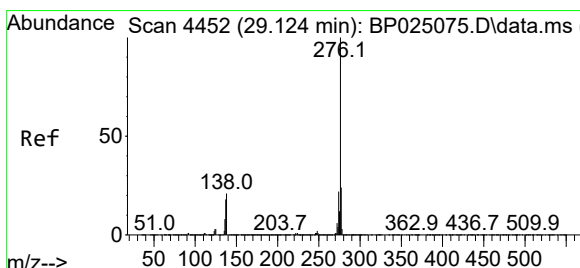
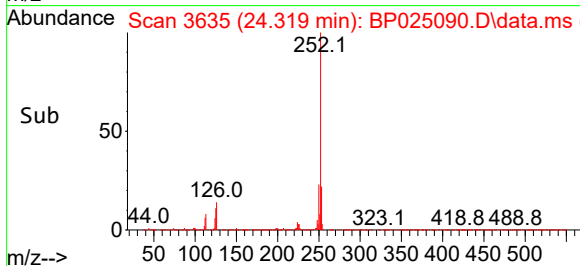
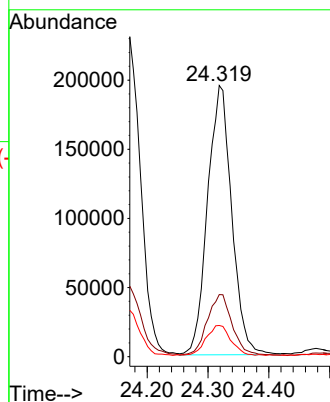
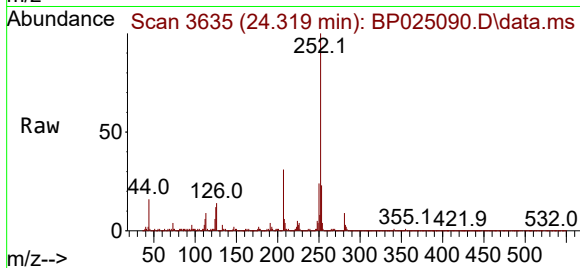
Tgt Ion:252 Resp: 537106

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 11.5 9.0 13.4



#92

Benzo(g,h,i)perylene

Concen: 2.261 ng

RT: 29.071 min Scan# 4443

Delta R.T. -0.053 min

Lab File: BP025090.D

Acq: 10 Jul 2025 19:44

Tgt Ion:276 Resp: 399582

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 22.9 16.9 25.3

