

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025462.D
 Acq On : 18 Aug 2025 15:31
 Operator : CG/JU
 Sample : Q2853-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 18 15:48:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

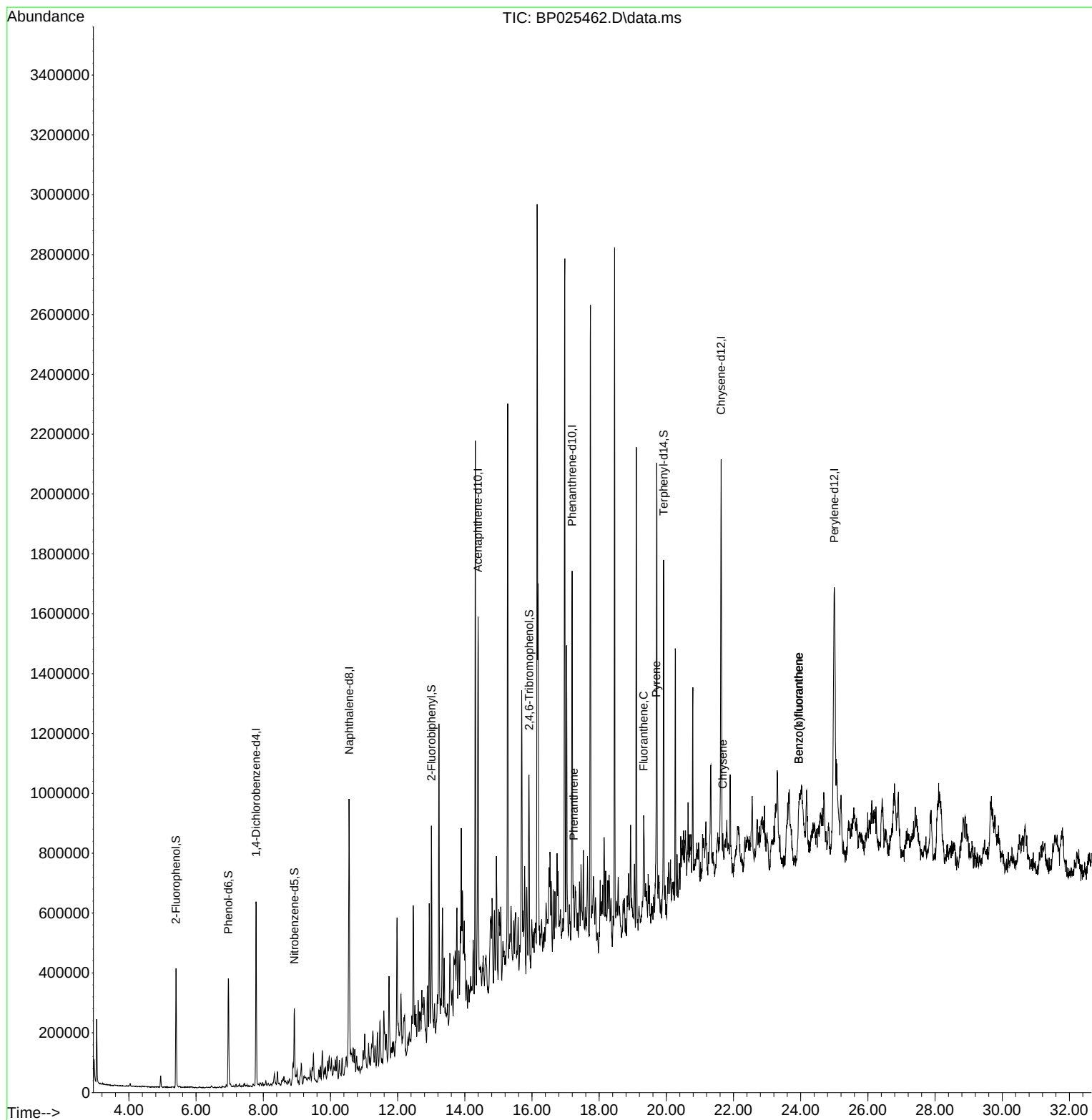
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	168064	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	660528	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	389521	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	756070	20.000	ng	0.00
76) Chrysene-d12	21.630	240	861887	20.000	ng	-0.02
86) Perylene-d12	25.000	264	1046150	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.401	112	179708	17.758	ng	0.00
7) Phenol-d6	6.960	99	226980	17.494	ng	0.00
23) Nitrobenzene-d5	8.925	82	141768	10.857	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	85504	16.308	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	336550	11.808	ng	-0.01
79) Terphenyl-d14	19.918	244	526117	11.168	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.242	178	102361	2.465	ng	# 96
75) Fluoranthene	19.324	202	182997	3.694	ng	97
78) Pyrene	19.701	202	213824	3.817	ng	98
83) Chrysene	21.683	228	115365	2.167	ng	95
88) Benzo(b)fluoranthene	23.942	252	139116	2.255	ng	# 84
89) Benzo(k)fluoranthene	23.942	252	139116	2.254	ng	# 83

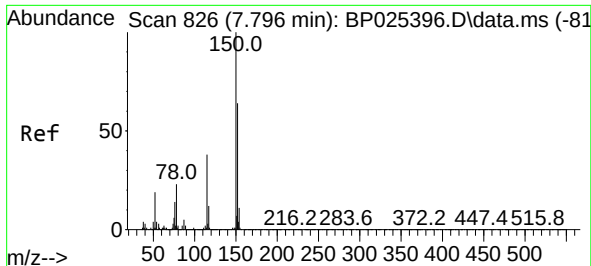
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
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BNA_P
ClientSampleId :

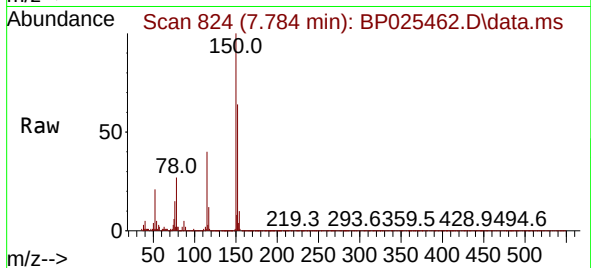
Quant Time: Aug 18 15:48:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



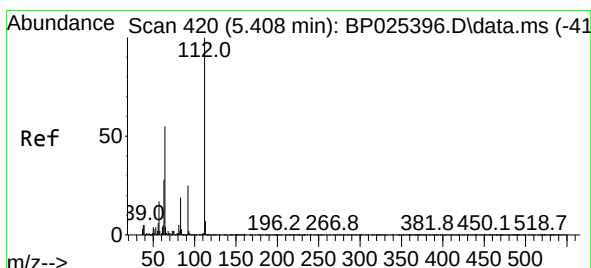
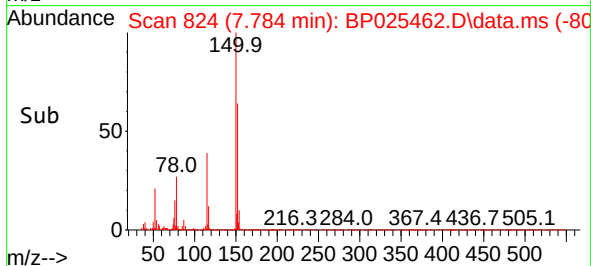
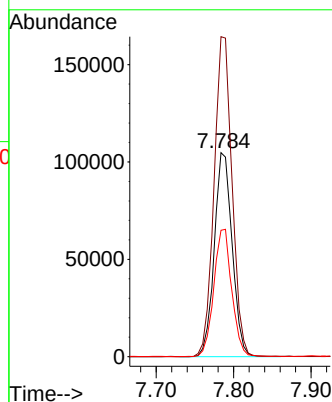


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

Instrument :
BNA_P
ClientSampleId :

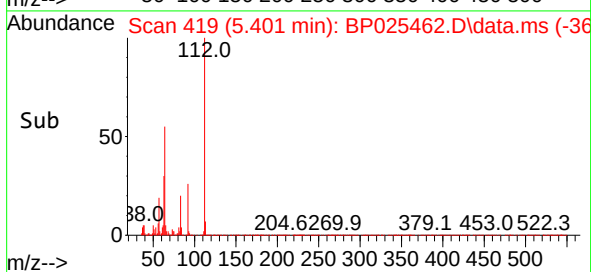
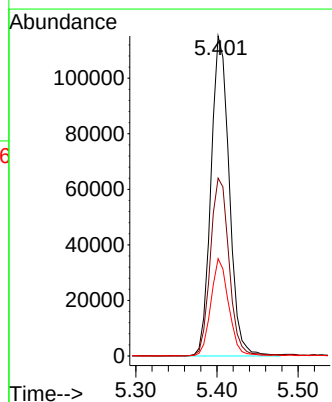
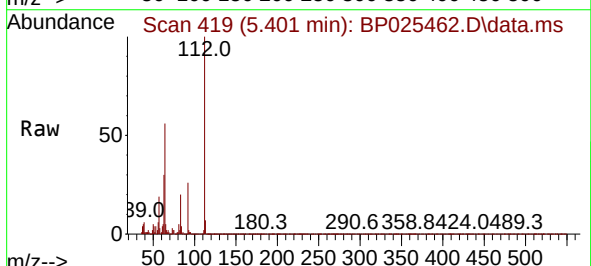


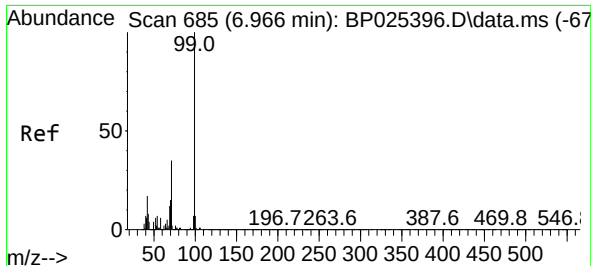
Tgt Ion:152 Resp: 168064
Ion Ratio Lower Upper
152 100
150 156.9 125.9 188.9
115 62.0 48.5 72.7



#5
2-Fluorophenol
Concen: 17.758 ng
RT: 5.401 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

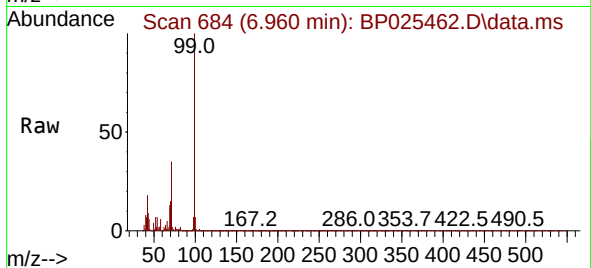
Tgt Ion:112 Resp: 179708
Ion Ratio Lower Upper
112 100
64 55.5 43.8 65.8
63 30.4 22.7 34.1



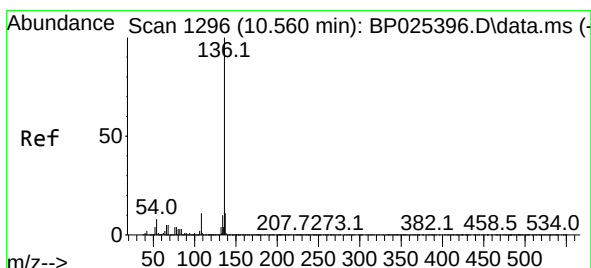
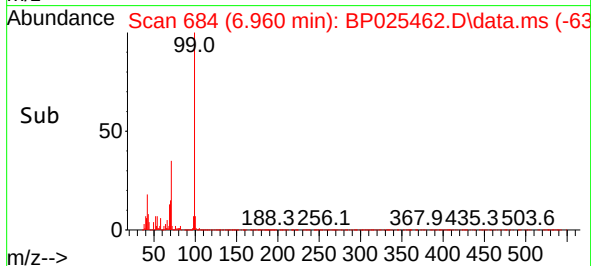
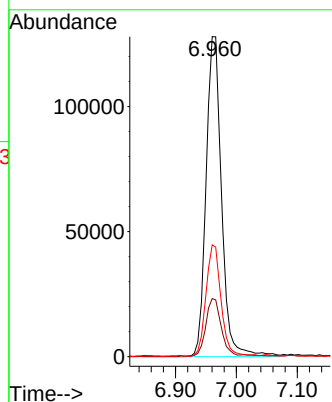


#7
Phenol-d6
Concen: 17.494 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

Instrument :
BNA_P
ClientSampleId :

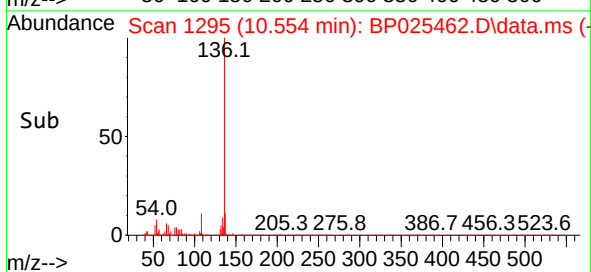
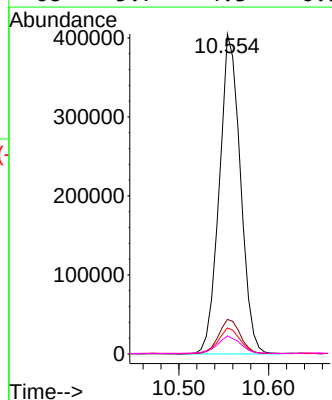
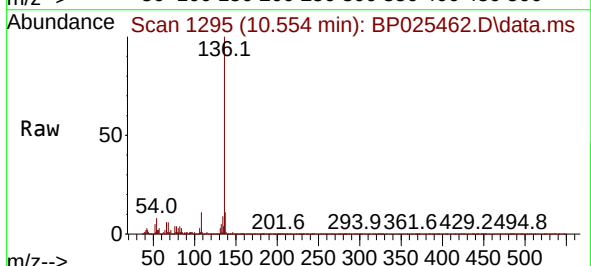


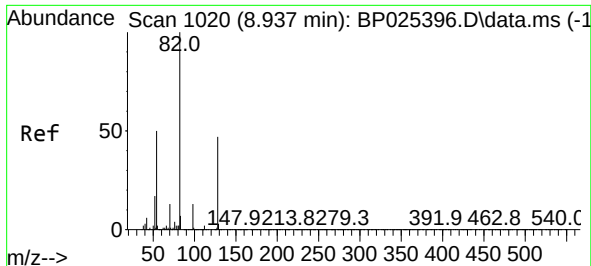
Tgt Ion: 99 Resp: 226980
Ion Ratio Lower Upper
99 100
42 18.2 13.7 20.5
71 34.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

Tgt Ion: 136 Resp: 660528
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.2 6.0 9.0
68 5.7 4.3 6.5

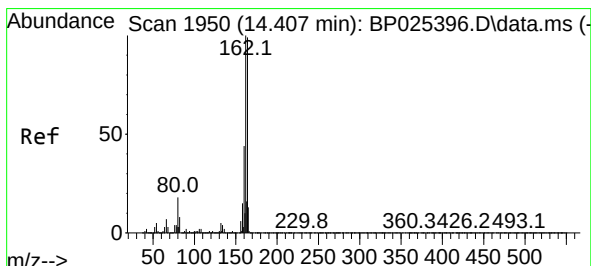
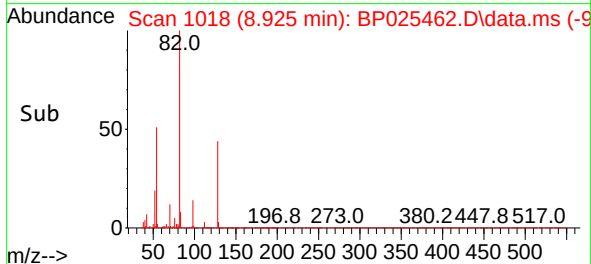
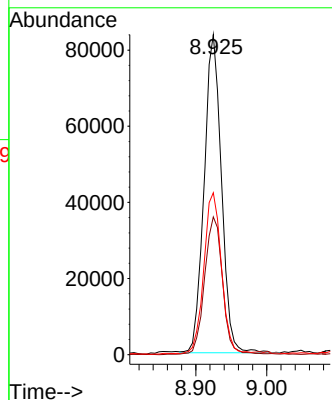
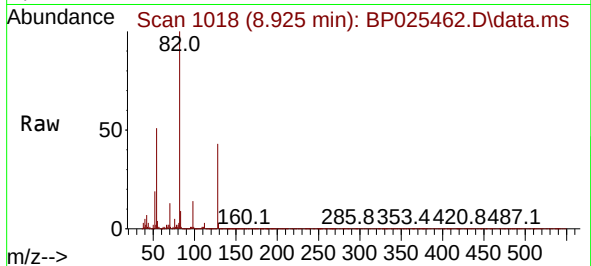




#23
 Nitrobenzene-d5
 Concen: 10.857 ng
 RT: 8.925 min Scan# 1018
 Delta R.T. -0.012 min
 Lab File: BP025462.D
 Acq: 18 Aug 2025 15:31

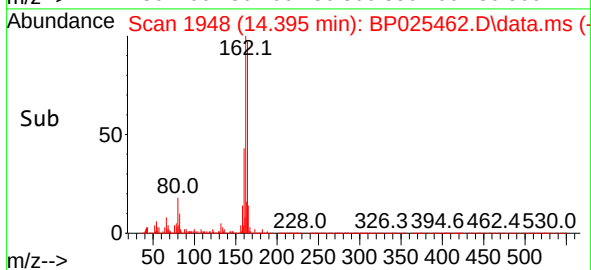
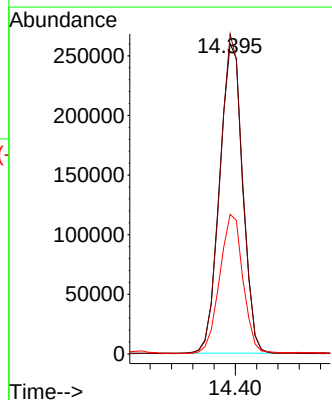
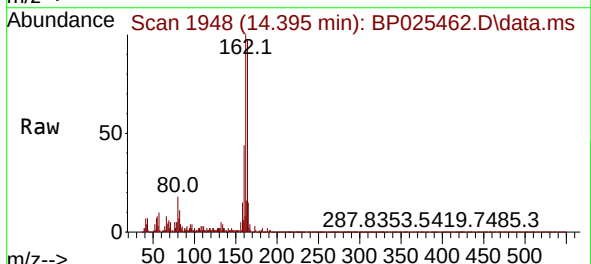
Instrument :
 BNA_P
 ClientSampleId :

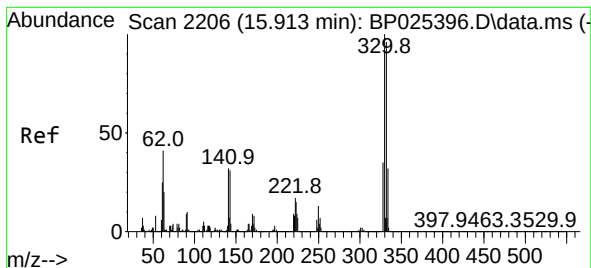
Tgt Ion: 82 Resp: 141768
 Ion Ratio Lower Upper
 82 100
 128 43.1 37.7 56.5
 54 50.6 39.8 59.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.395 min Scan# 1948
 Delta R.T. -0.012 min
 Lab File: BP025462.D
 Acq: 18 Aug 2025 15:31

Tgt Ion: 164 Resp: 389521
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.0 121.6
 160 45.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 16.308 ng

RT: 15.913 min Scan# 21

Delta R.T. -0.000 min

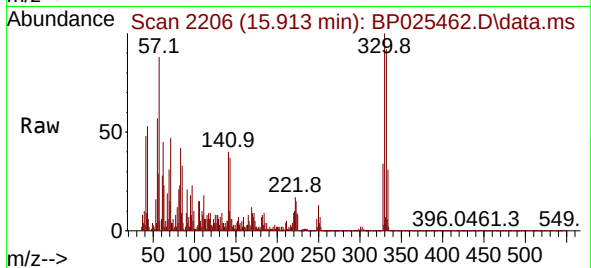
Lab File: BP025462.D

Acq: 18 Aug 2025 15:31

Instrument :

BNA_P

ClientSampleId :



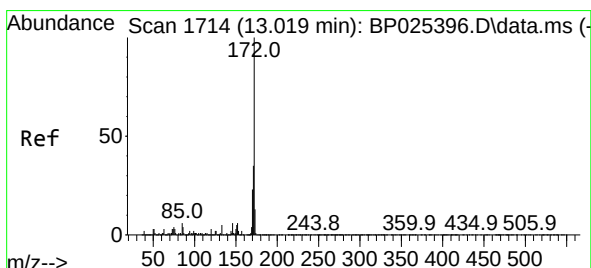
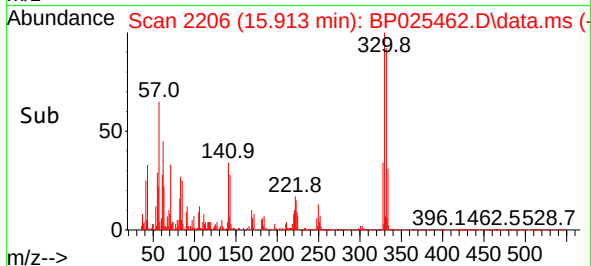
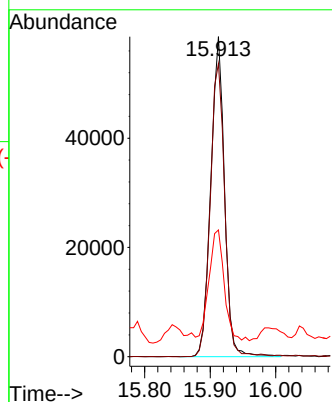
Tgt Ion: 330 Resp: 85504

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 38.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 11.808 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025462.D

Acq: 18 Aug 2025 15:31

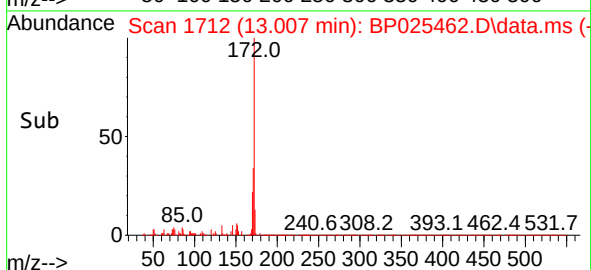
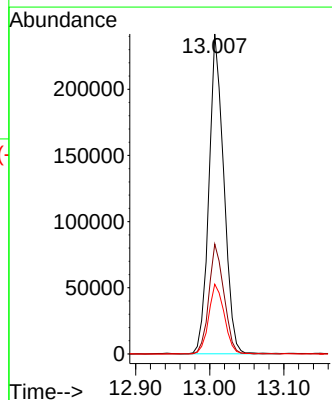
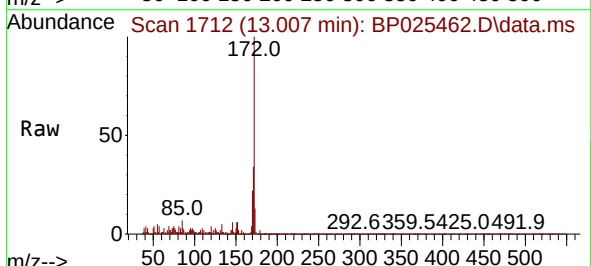
Tgt Ion: 172 Resp: 336550

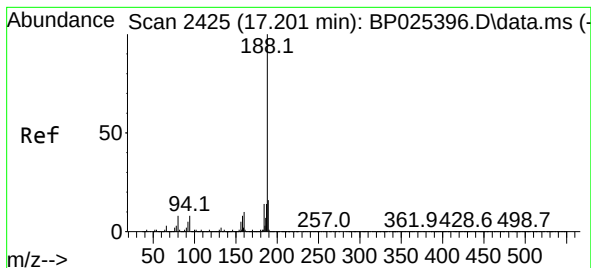
Ion Ratio Lower Upper

172 100

171 34.3 28.1 42.1

170 21.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP025462.D

Acq: 18 Aug 2025 15:31

Instrument :

BNA_P

ClientSampleId :

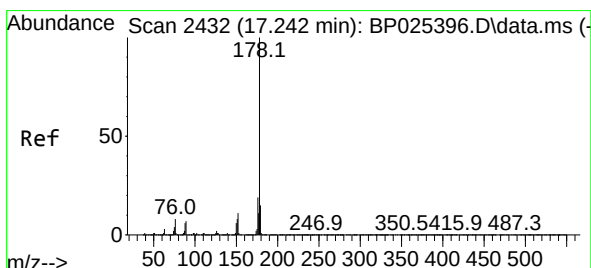
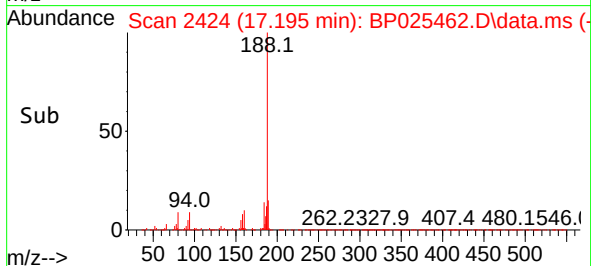
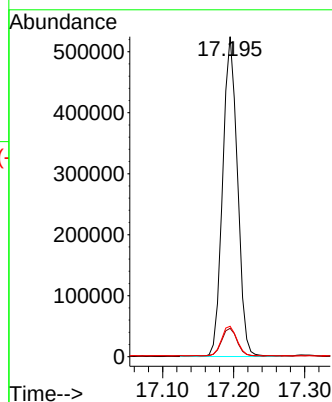
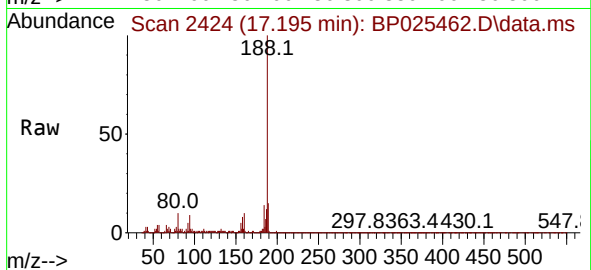
Tgt Ion:188 Resp: 756070

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.5 6.7 10.1



#71

Phenanthrene

Concen: 2.465 ng

RT: 17.242 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BP025462.D

Acq: 18 Aug 2025 15:31

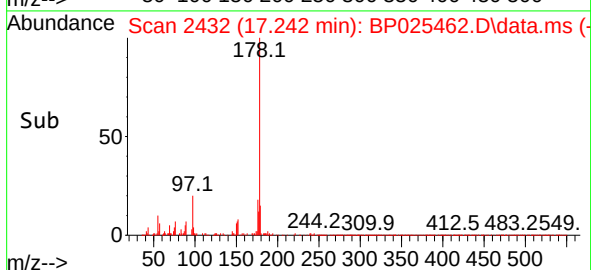
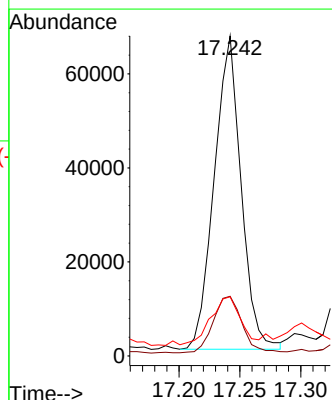
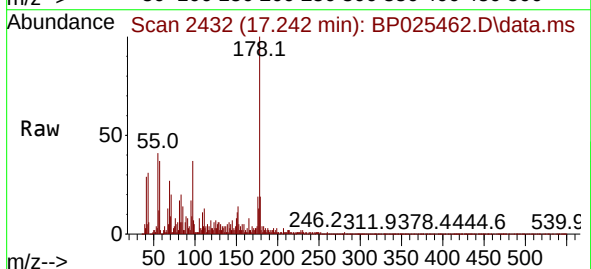
Tgt Ion:178 Resp: 102361

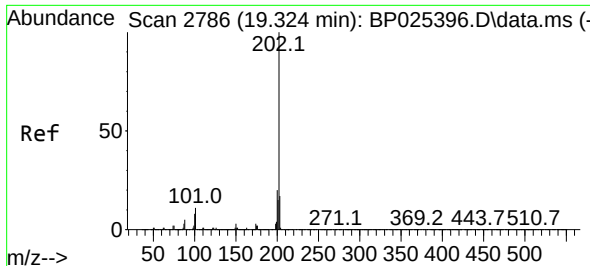
Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 18.5 12.2 18.4#

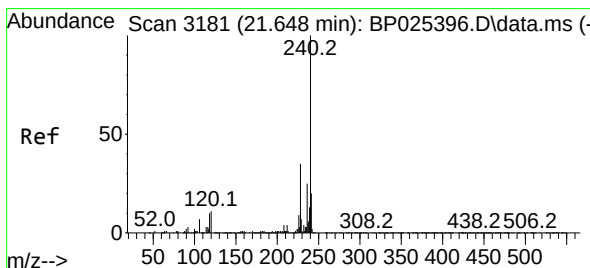
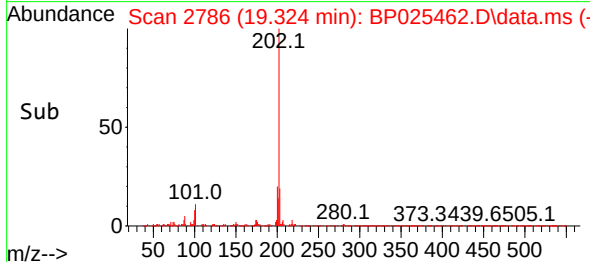
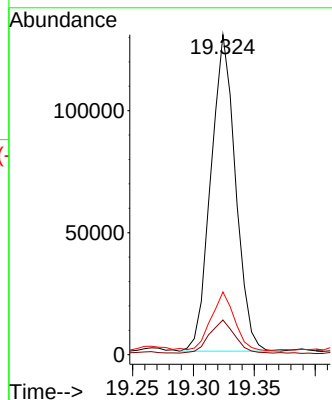
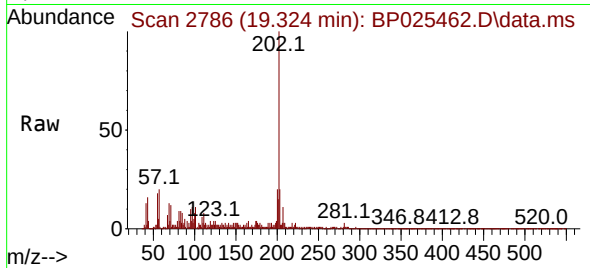




#75
Fluoranthene
Concen: 3.694 ng
RT: 19.324 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

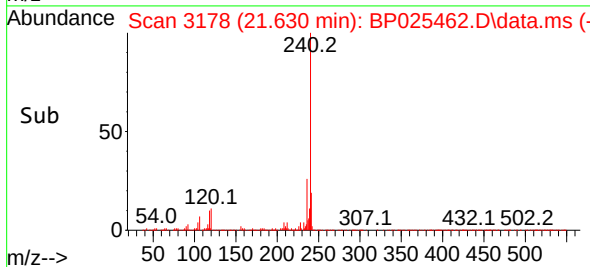
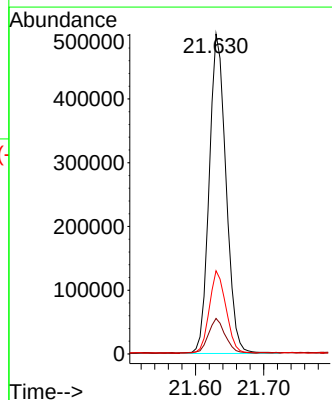
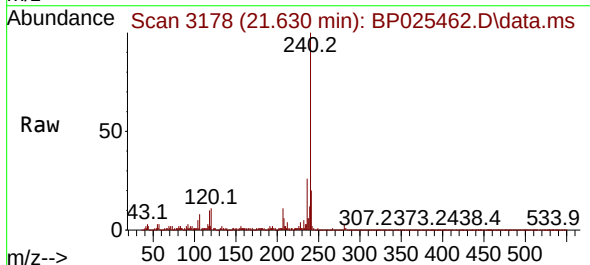
Instrument :
BNA_P
ClientSampleId :

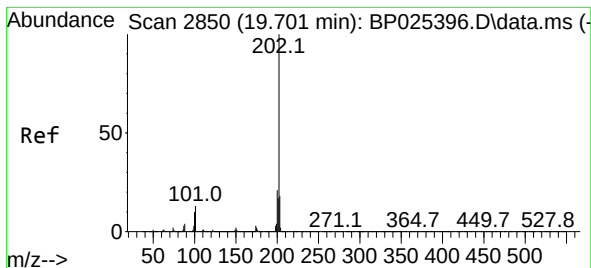
Tgt Ion:	202	Resp:	182997
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.1
203	19.6	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

Tgt Ion:	240	Resp:	861887
Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	26.0	19.8	29.8





#78

Pyrene

Concen: 3.817 ng

RT: 19.701 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025462.D

Acq: 18 Aug 2025 15:31

Instrument :

BNA_P

ClientSampleId :

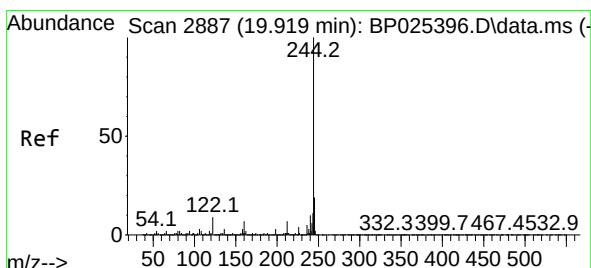
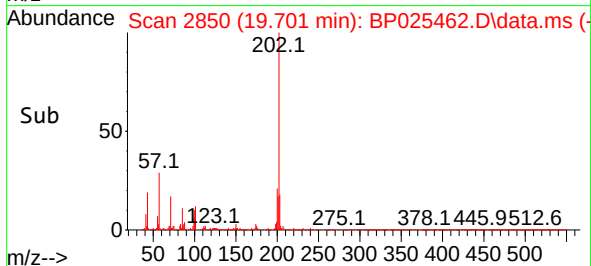
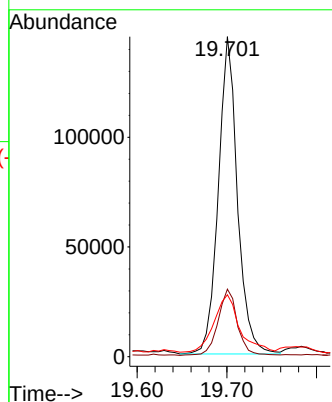
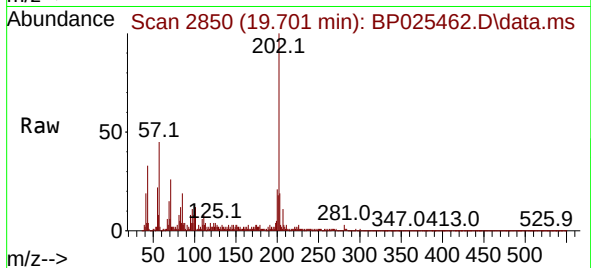
Tgt Ion:202 Resp: 213824

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 19.4 14.2 21.2



#79

Terphenyl-d14

Concen: 11.168 ng

RT: 19.918 min Scan# 2887

Delta R.T. -0.000 min

Lab File: BP025462.D

Acq: 18 Aug 2025 15:31

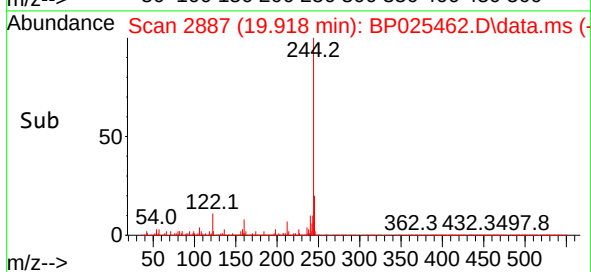
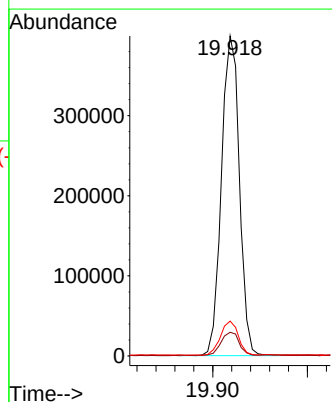
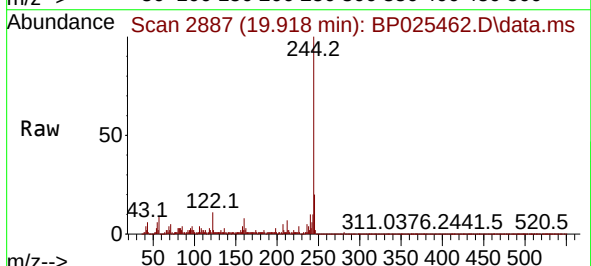
Tgt Ion:244 Resp: 526117

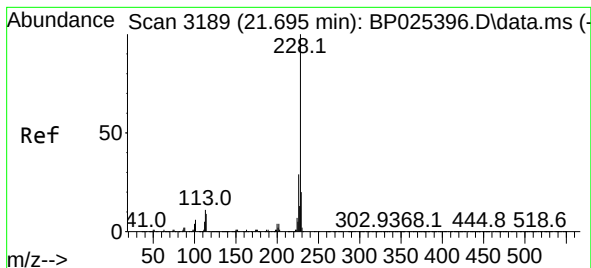
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 10.9 7.4 11.2





#83

Chrysene

Concen: 2.167 ng

RT: 21.683 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025462.D

Acq: 18 Aug 2025 15:31

Instrument :

BNA_P

ClientSampleId :

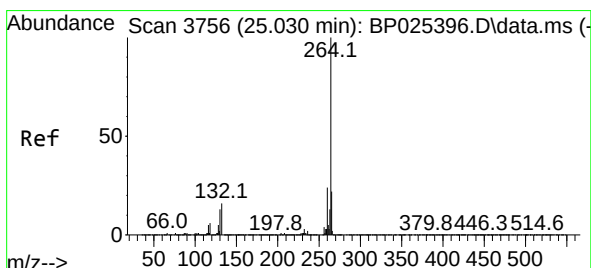
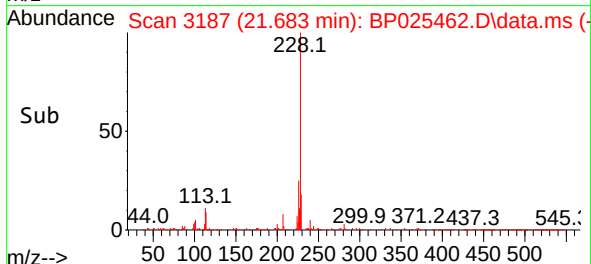
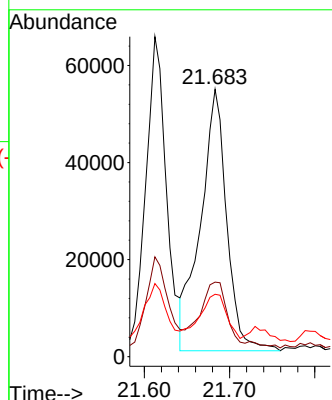
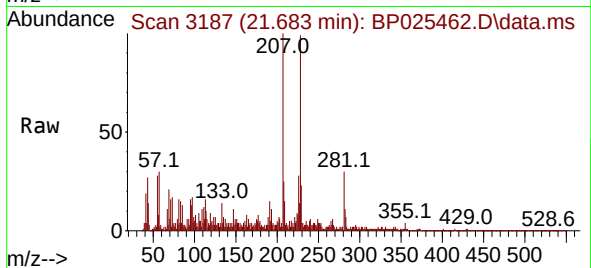
Tgt Ion:228 Resp: 115365

Ion Ratio Lower Upper

228 100

226 27.9 23.2 34.8

229 23.4 15.6 23.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.000 min Scan# 3751

Delta R.T. -0.030 min

Lab File: BP025462.D

Acq: 18 Aug 2025 15:31

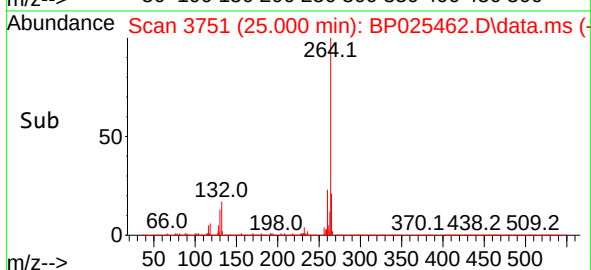
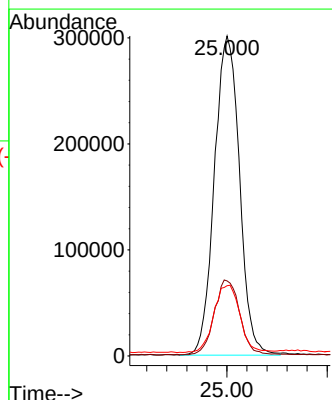
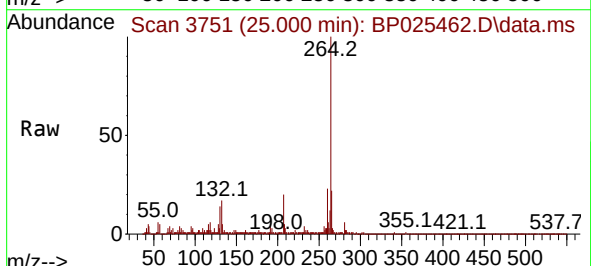
Tgt Ion:264 Resp: 1046150

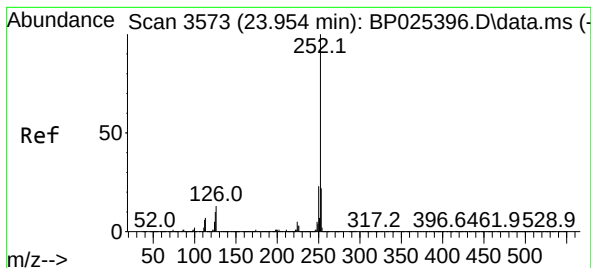
Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 22.0 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 2.255 ng

RT: 23.942 min Scan# 3571

Delta R.T. -0.012 min

Lab File: BP025462.D

Acq: 18 Aug 2025 15:31

Instrument :

BNA_P

ClientSampleId :

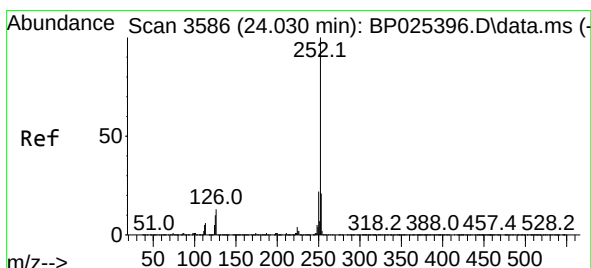
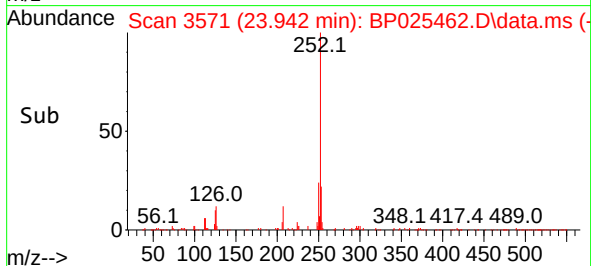
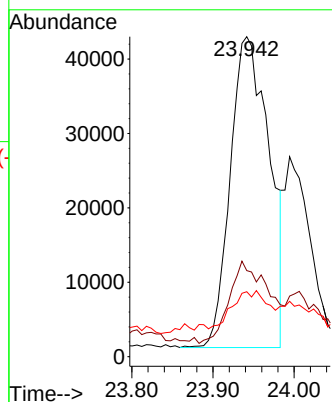
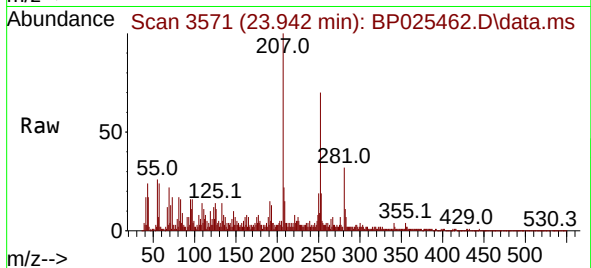
Tgt Ion:252 Resp: 139116

Ion Ratio Lower Upper

252 100

253 26.9 17.7 26.5#

125 20.3 7.9 11.9#



#89

Benzo(k)fluoranthene

Concen: 2.254 ng

RT: 23.942 min Scan# 3571

Delta R.T. -0.089 min

Lab File: BP025462.D

Acq: 18 Aug 2025 15:31

Tgt Ion:252 Resp: 139116

Ion Ratio Lower Upper

252 100

253 26.9 17.1 25.7#

125 20.3 7.8 11.6#

