

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025580.D
 Acq On : 26 Aug 2025 11:02
 Operator : CG/JU
 Sample : PB169325TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169325TB

Quant Time: Aug 26 11:33:23 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	7.778	152	248588	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	934406	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	575174	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	1157186	20.000	ng	0.00
76) Chrysene-d12	21.636	240	1162876	20.000	ng	-0.01
86) Perylene-d12	25.001	264	1278257	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1906746	127.381	ng	0.00
7) Phenol-d6	6.972	99	2326867	121.245	ng	0.00
23) Nitrobenzene-d5	8.919	82	1499200	81.161	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	1032248	133.333	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	3292141	78.225	ng	-0.02
79) Terphenyl-d14	19.913	244	5263256	82.808	ng	0.00

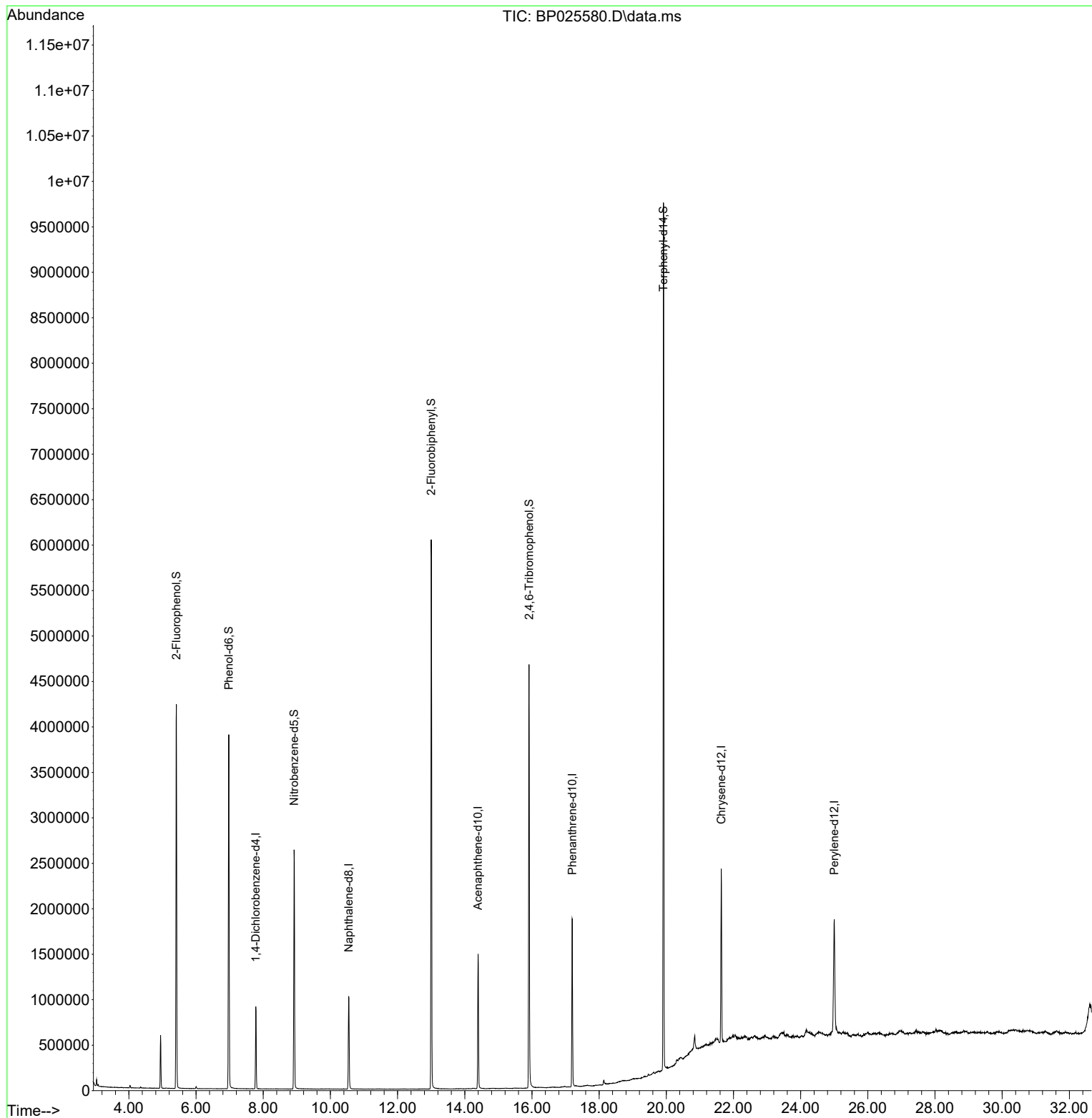
Target Compounds	Qvalue

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

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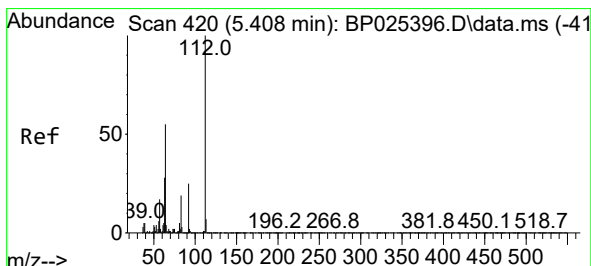
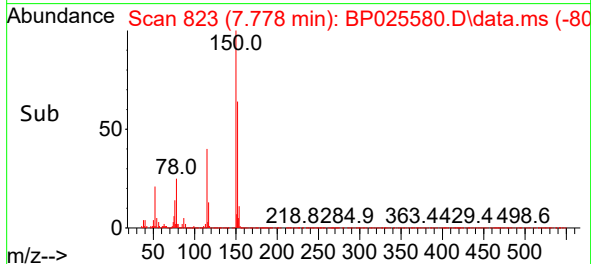
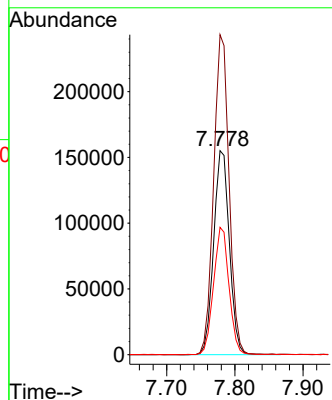
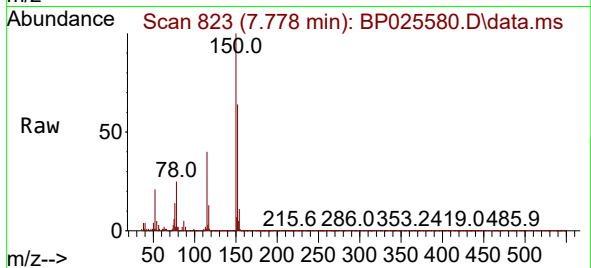




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025580.D
Acq: 26 Aug 2025 11:02

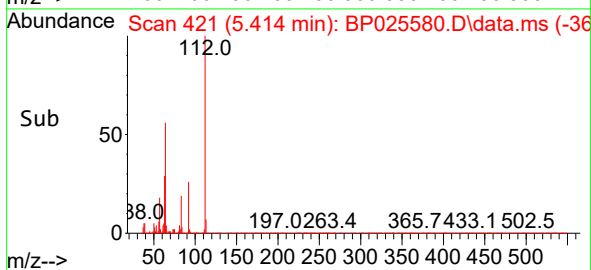
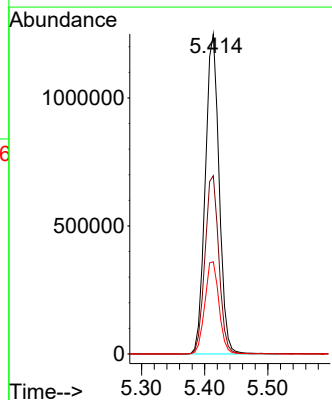
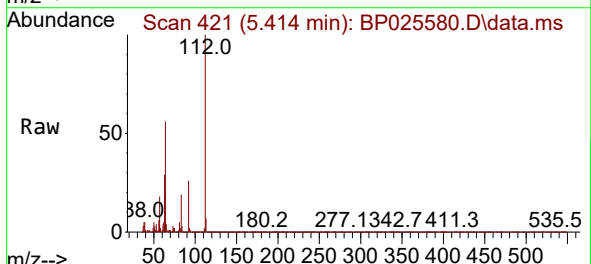
Instrument :
BNA_P
ClientSampleId :
PB169325TB

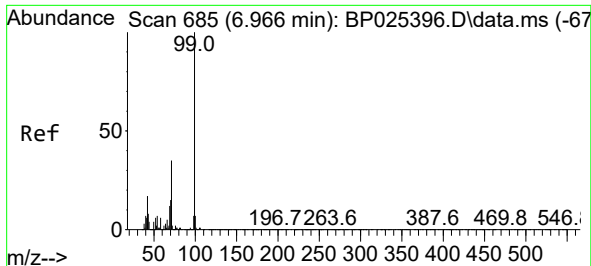
Tgt Ion:152 Resp: 248588
Ion Ratio Lower Upper
152 100
150 156.8 125.9 188.9
115 62.4 48.5 72.7



#5
2-Fluorophenol
Concen: 127.381 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025580.D
Acq: 26 Aug 2025 11:02

Tgt Ion:112 Resp: 1906746
Ion Ratio Lower Upper
112 100
64 55.7 43.8 65.8
63 28.8 22.7 34.1

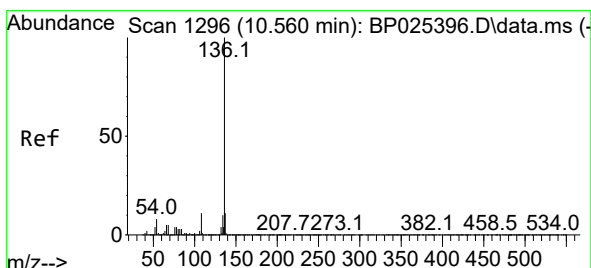
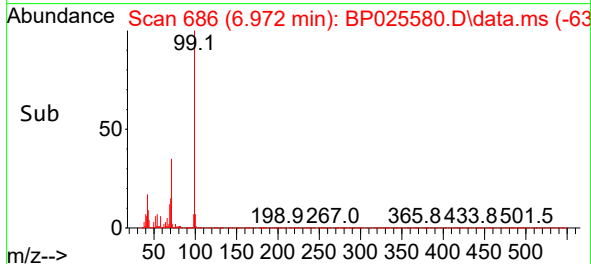
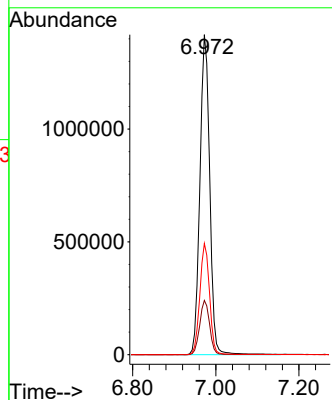
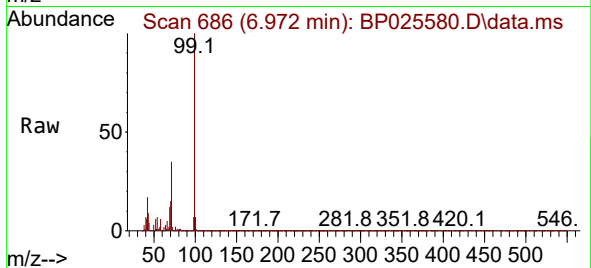




#7
Phenol-d6
Concen: 121.245 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025580.D
Acq: 26 Aug 2025 11:02

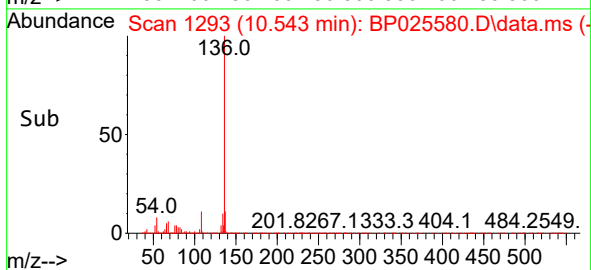
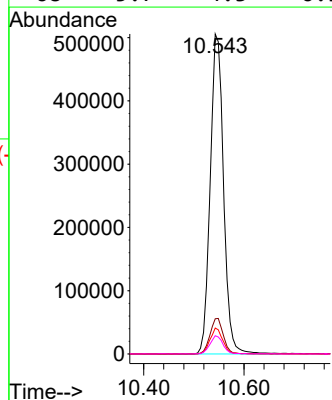
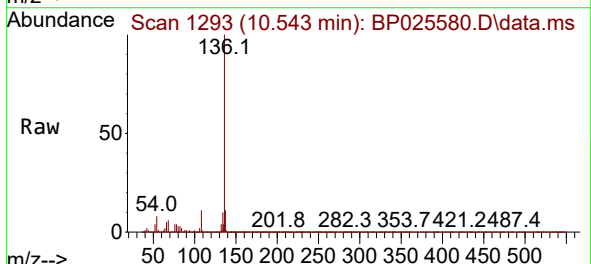
Instrument :
BNA_P
ClientSampleId :
PB169325TB

Tgt Ion: 99 Resp: 2326867
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 34.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.017 min
Lab File: BP025580.D
Acq: 26 Aug 2025 11:02

Tgt Ion: 136 Resp: 934406
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.1 6.0 9.0
68 5.7 4.3 6.5

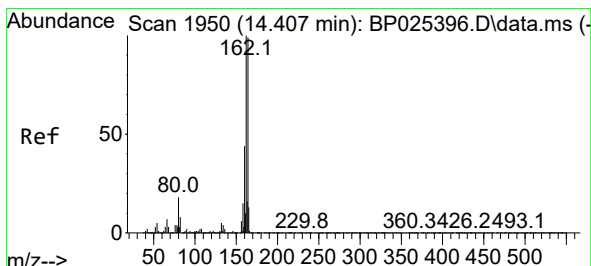
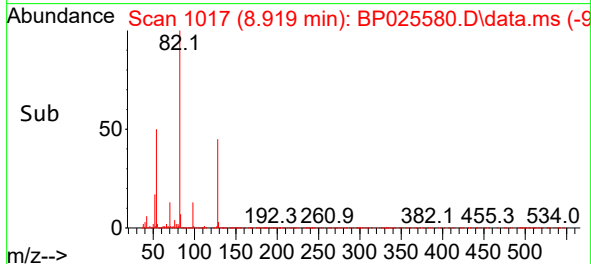
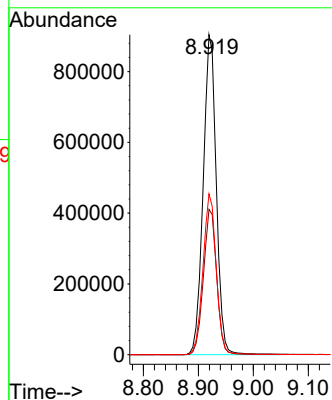
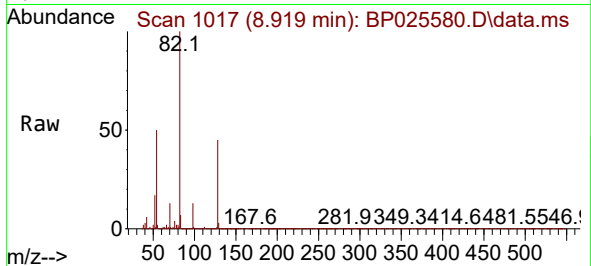




#23
Nitrobenzene-d5
Concen: 81.161 ng
RT: 8.919 min Scan# 10
Delta R.T. -0.017 min
Lab File: BP025580.D
Acq: 26 Aug 2025 11:02

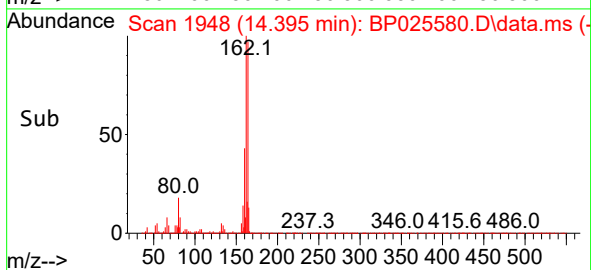
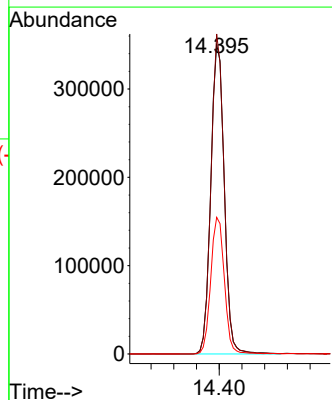
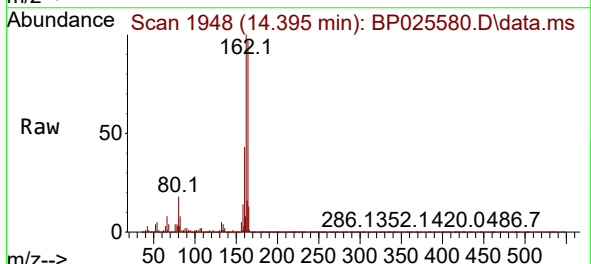
Instrument :
BNA_P
ClientSampleId :
PB169325TB

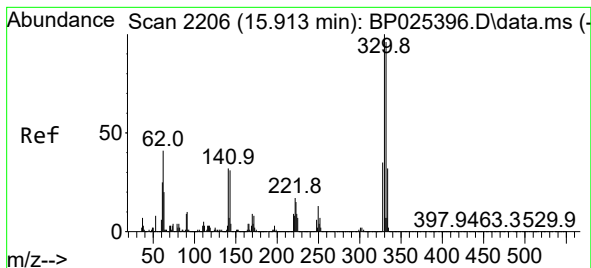
Tgt Ion: 82 Resp: 1499200
Ion Ratio Lower Upper
82 100
128 45.4 37.7 56.5
54 50.2 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025580.D
Acq: 26 Aug 2025 11:02

Tgt Ion: 164 Resp: 575174
Ion Ratio Lower Upper
164 100
162 103.5 81.0 121.6
160 44.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 133.333 ng

RT: 15.913 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025580.D

Acq: 26 Aug 2025 11:02

Instrument :

BNA_P

ClientSampleId :

PB169325TB

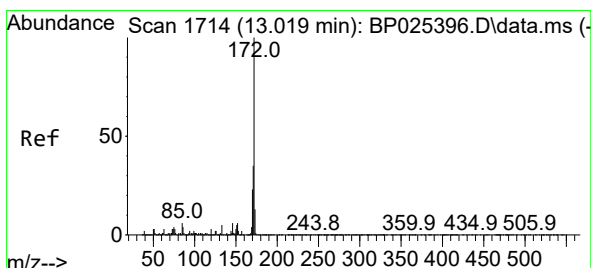
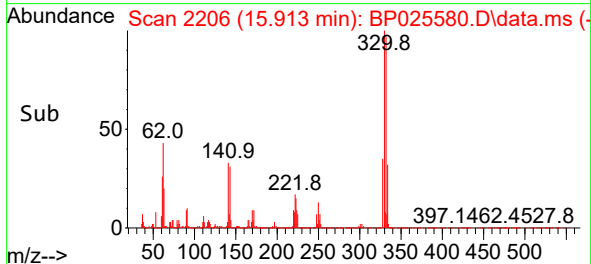
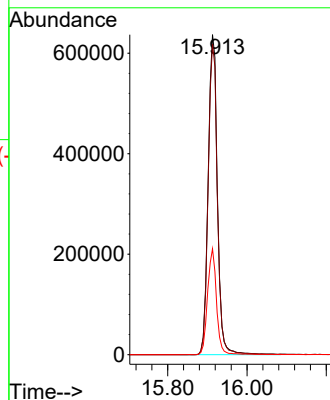
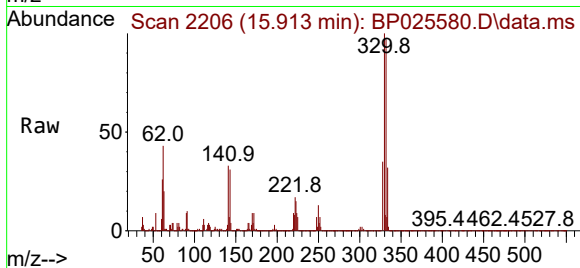
Tgt Ion:330 Resp: 1032248

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 32.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 78.225 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.017 min

Lab File: BP025580.D

Acq: 26 Aug 2025 11:02

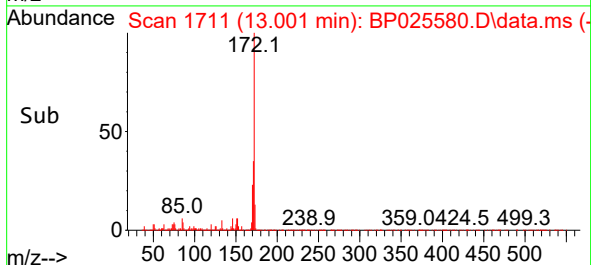
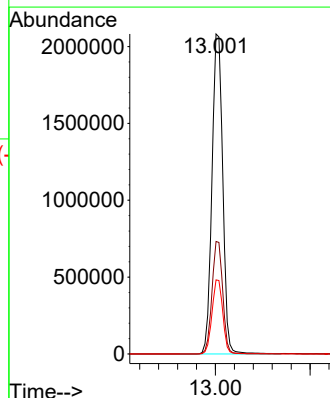
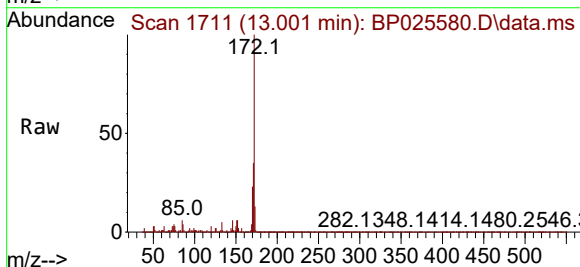
Tgt Ion:172 Resp: 3292141

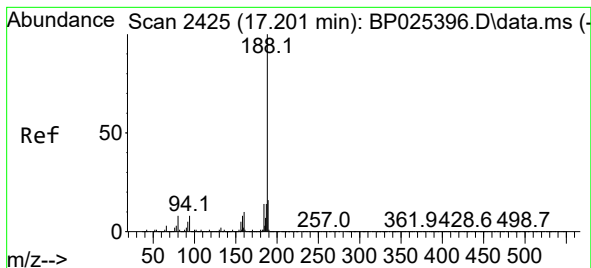
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025580.D

Acq: 26 Aug 2025 11:02

Instrument :

BNA_P

ClientSampleId :

PB169325TB

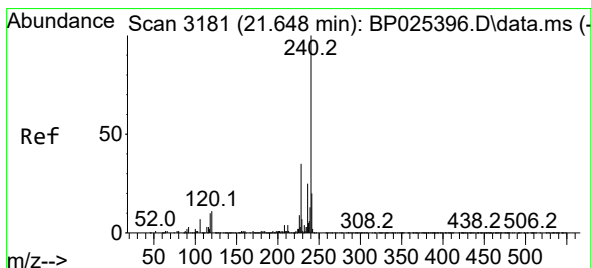
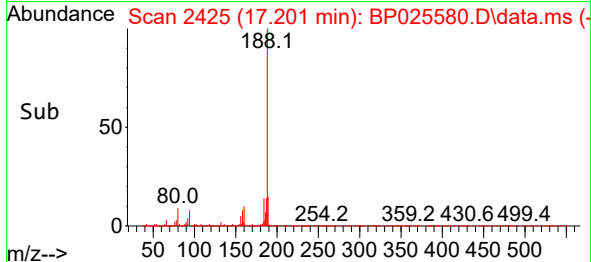
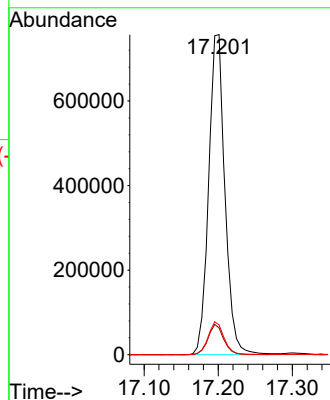
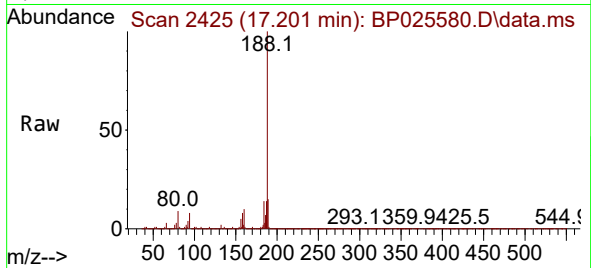
Tgt Ion:188 Resp: 1157186

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.3 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.012 min

Lab File: BP025580.D

Acq: 26 Aug 2025 11:02

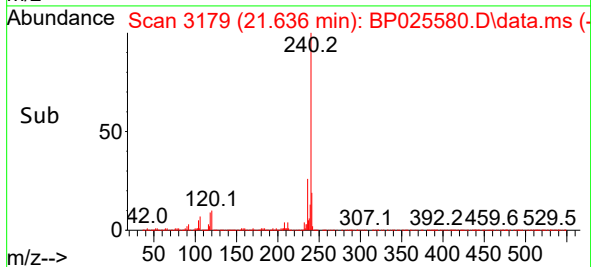
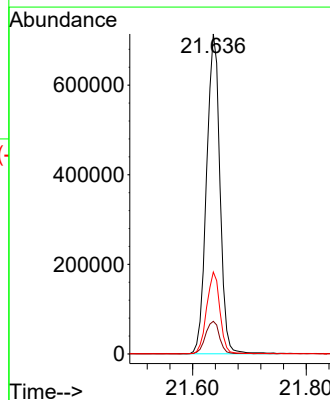
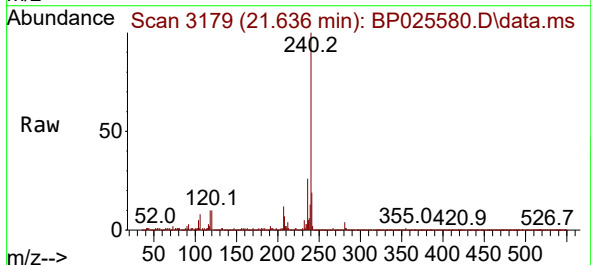
Tgt Ion:240 Resp: 1162876

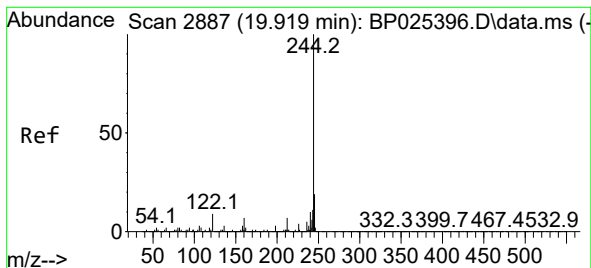
Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 82.808 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025580.D

Acq: 26 Aug 2025 11:02

Instrument :

BNA_P

ClientSampleId :

PB169325TB

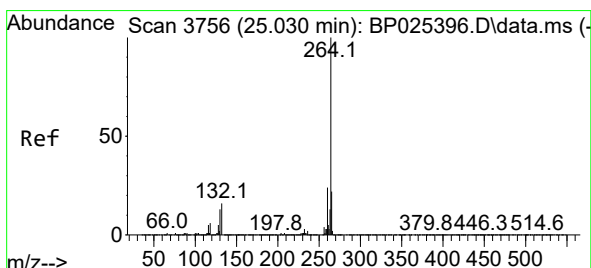
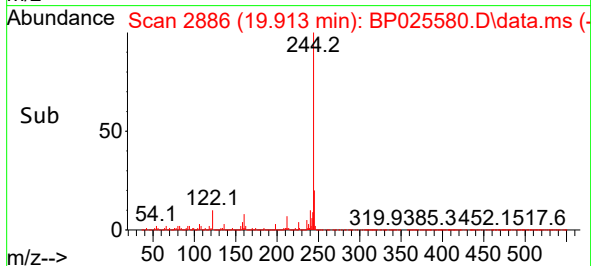
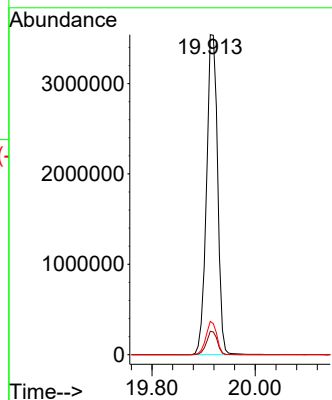
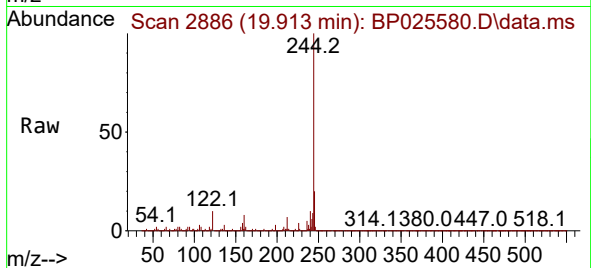
Tgt Ion:244 Resp: 5263256

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 10.4 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 3751

Delta R.T. -0.029 min

Lab File: BP025580.D

Acq: 26 Aug 2025 11:02

Tgt Ion:264 Resp: 1278257

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.5 17.4 26.0

