

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
 Data File : BP025151.D
 Acq On : 15 Jul 2025 18:43
 Operator : CG/JU
 Sample : Q2571-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-18

Quant Time: Jul 16 00:59:04 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	7.449	152	496648	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	1995353	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1332638	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	3083561	20.000	ng	0.00
76) Chrysene-d12	21.342	240	3378454	20.000	ng	0.00
86) Perylene-d12	24.477	264	3923485	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	429920	15.338	ng	0.00
7) Phenol-d6	6.637	99	555073	15.175	ng	0.00
23) Nitrobenzene-d5	8.572	82	316980	10.565	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	311285	19.773	ng	-0.01
45) 2-Fluorobiphenyl	12.690	172	851100	9.894	ng	0.00
79) Terphenyl-d14	19.666	244	1692917	11.013	ng	0.00

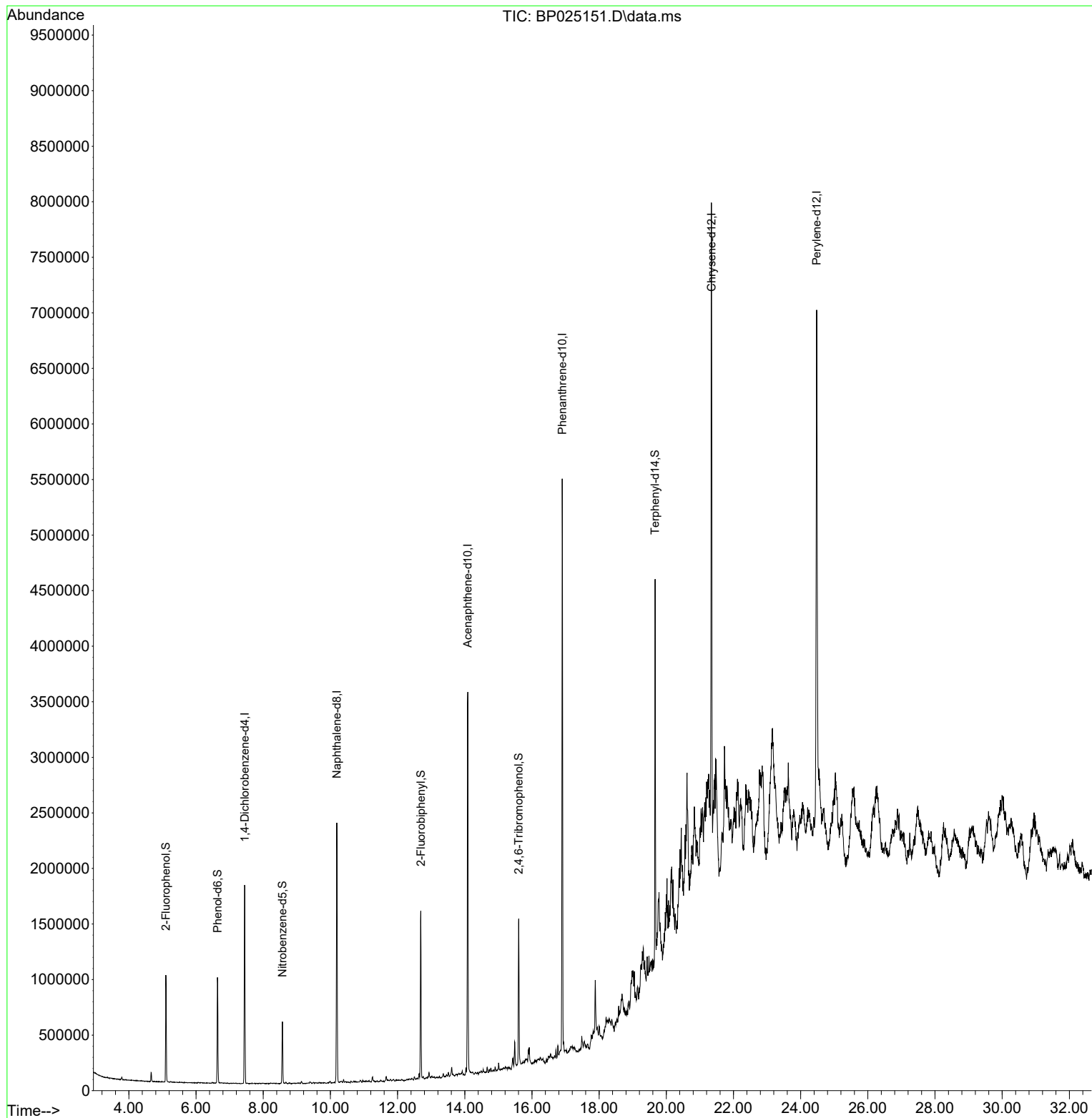
Target Compounds	Qvalue

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

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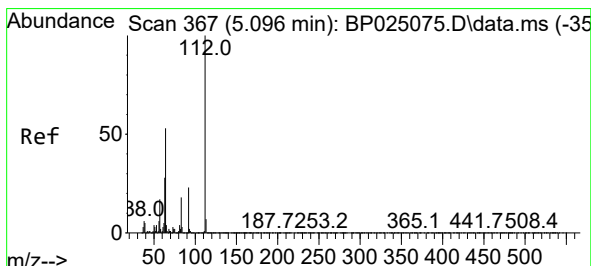
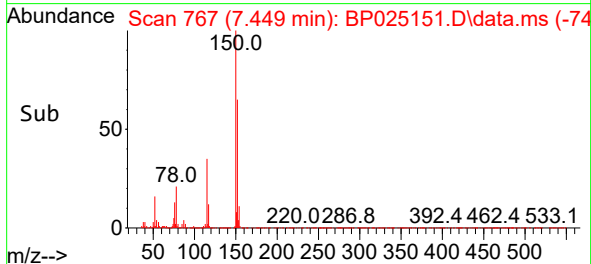
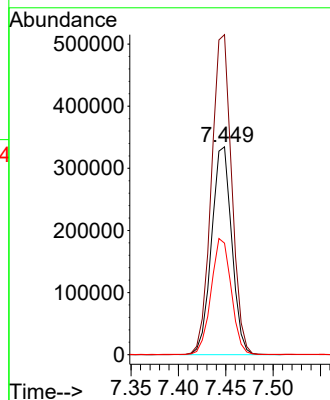
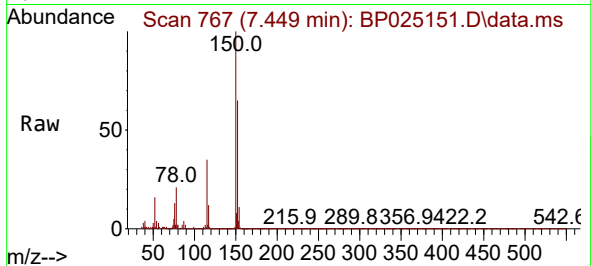




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.449 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP025151.D
Acq: 15 Jul 2025 18:43

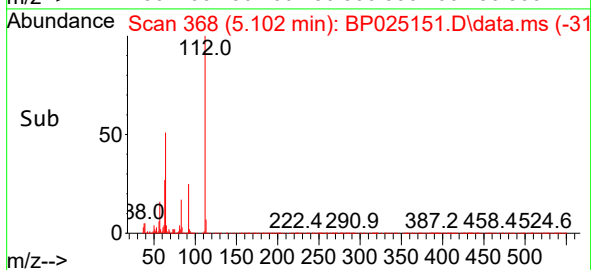
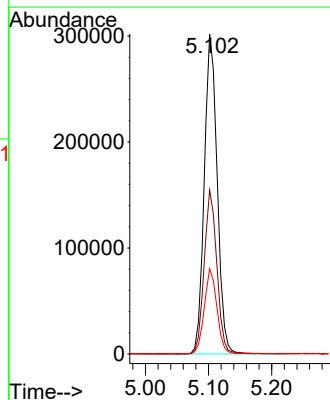
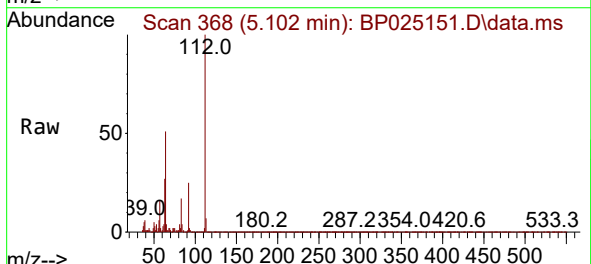
Instrument :
BNA_P
ClientSampleId :
TP-18

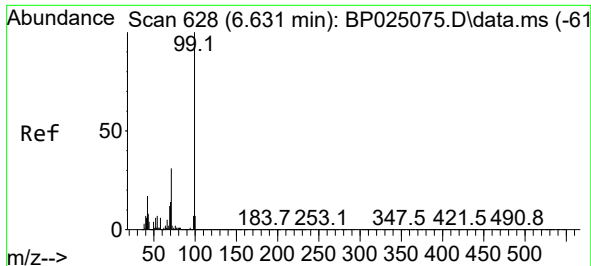
Tgt Ion:152 Resp: 496648
Ion Ratio Lower Upper
152 100
150 154.0 126.1 189.1
115 53.7 44.3 66.5



#5
2-Fluorophenol
Concen: 15.338 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025151.D
Acq: 15 Jul 2025 18:43

Tgt Ion:112 Resp: 429920
Ion Ratio Lower Upper
112 100
64 51.2 42.0 63.0
63 26.6 22.2 33.2

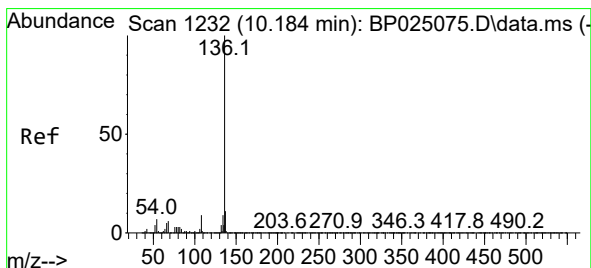
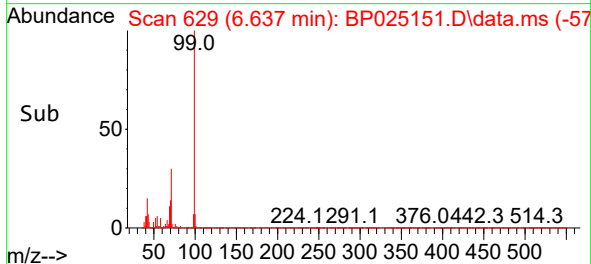
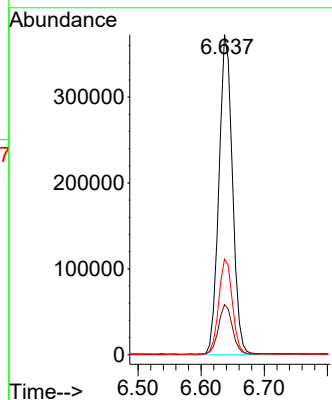
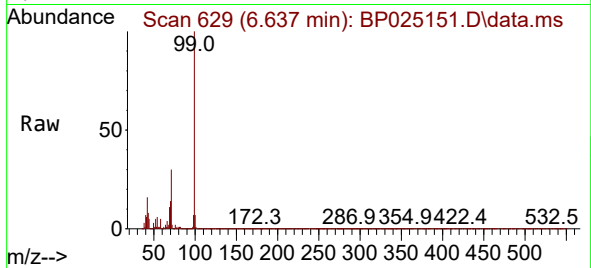




#7
Phenol-d6
Concen: 15.175 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025151.D
Acq: 15 Jul 2025 18:43

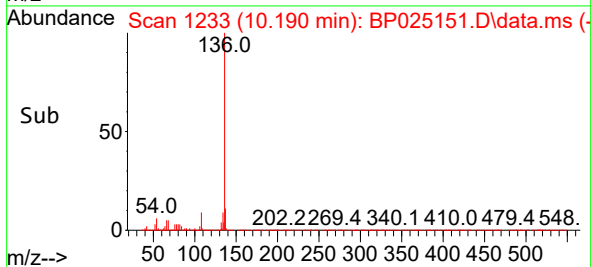
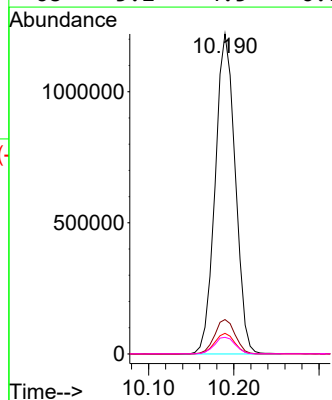
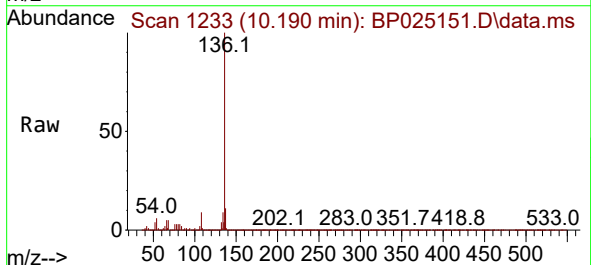
Instrument :
BNA_P
ClientSampleId :
TP-18

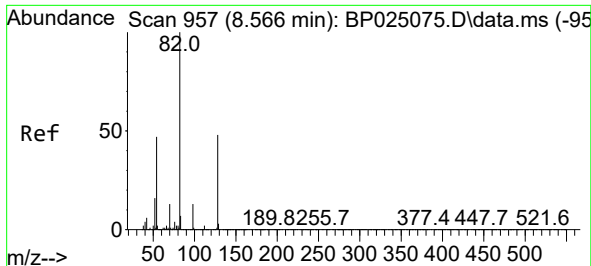
Tgt Ion: 99 Resp: 555073
Ion Ratio Lower Upper
99 100
42 15.7 13.6 20.4
71 29.9 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025151.D
Acq: 15 Jul 2025 18:43

Tgt Ion: 136 Resp: 1995353
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.4 5.4 8.2
68 5.2 4.5 6.7

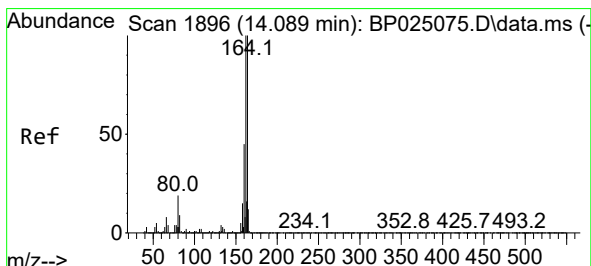
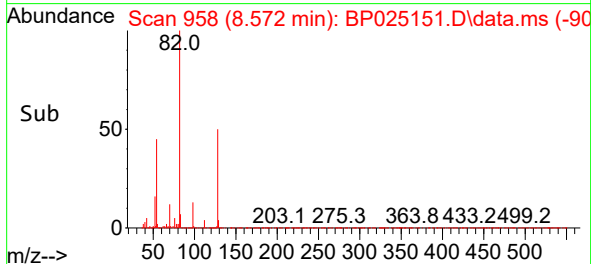
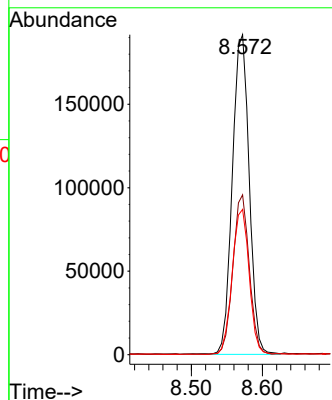
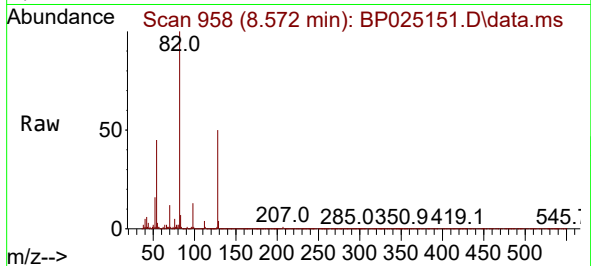




#23
Nitrobenzene-d5
Concen: 10.565 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025151.D
Acq: 15 Jul 2025 18:43

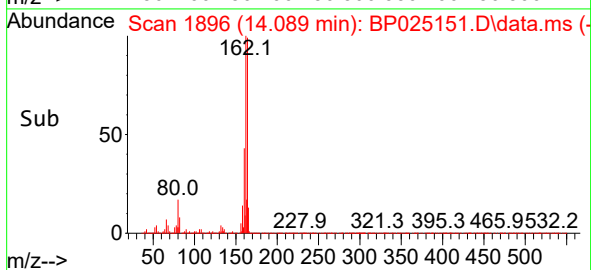
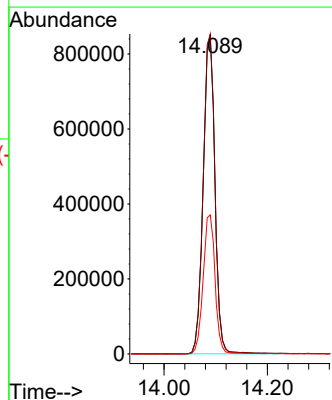
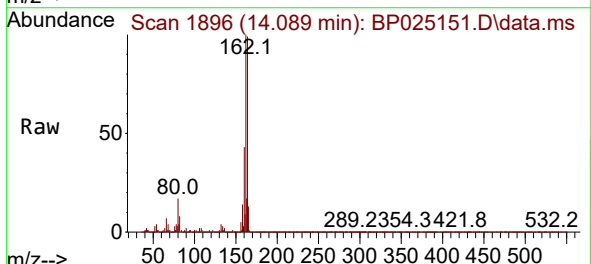
Instrument :
BNA_P
ClientSampleId :
TP-18

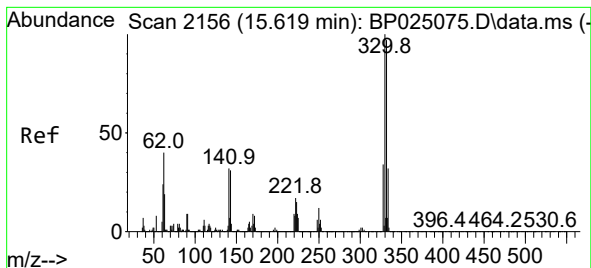
Tgt Ion: 82 Resp: 316980
Ion Ratio Lower Upper
82 100
128 50.0 38.4 57.6
54 45.4 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP025151.D
Acq: 15 Jul 2025 18:43

Tgt Ion:164 Resp: 1332638
Ion Ratio Lower Upper
164 100
162 100.8 80.3 120.5
160 43.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 19.773 ng

RT: 15.607 min Scan# 2156

Delta R.T. -0.012 min

Lab File: BP025151.D

Acq: 15 Jul 2025 18:43

Instrument :

BNA_P

ClientSampleId :

TP-18

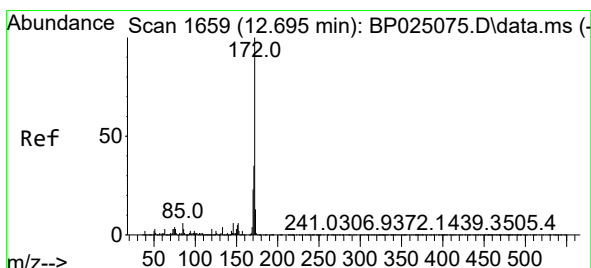
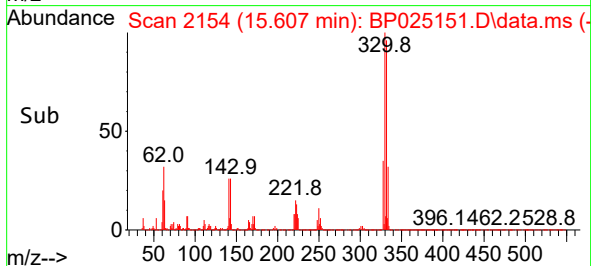
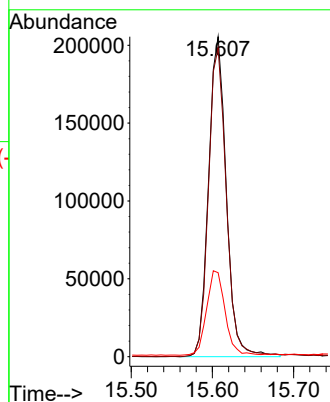
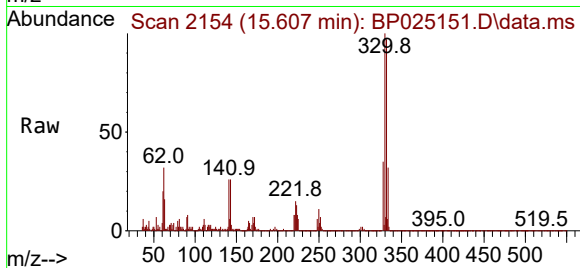
Tgt Ion:330 Resp: 311285

Ion Ratio Lower Upper

330 100

332 97.2 77.7 116.5

141 27.3 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 9.894 ng

RT: 12.690 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP025151.D

Acq: 15 Jul 2025 18:43

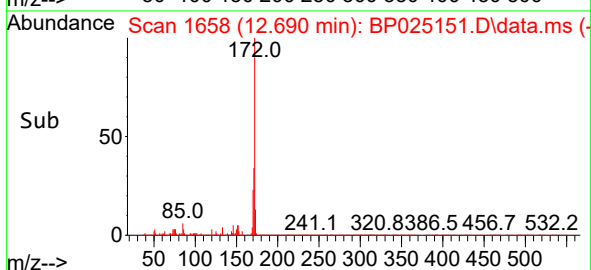
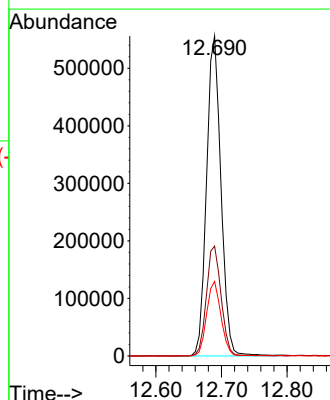
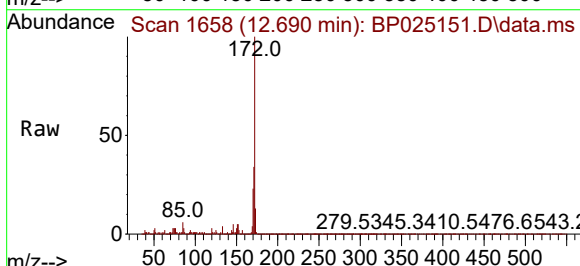
Tgt Ion:172 Resp: 851100

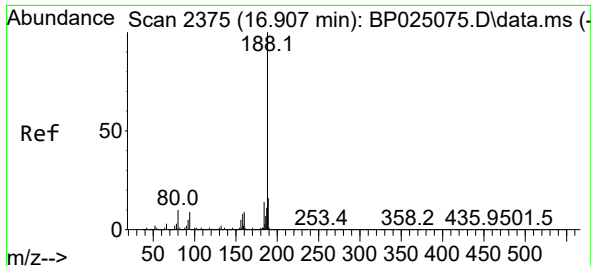
Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.2

170 23.3 18.7 28.1

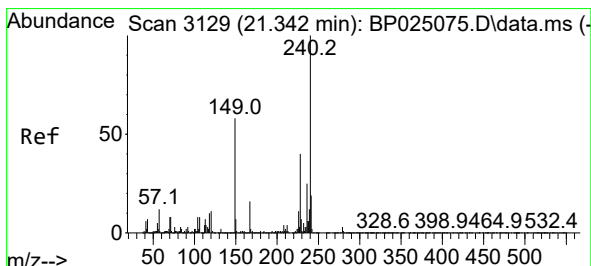
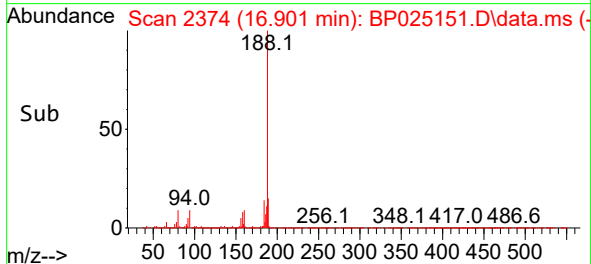
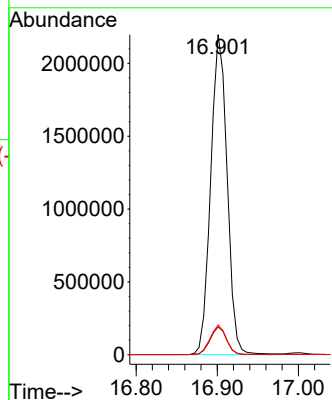
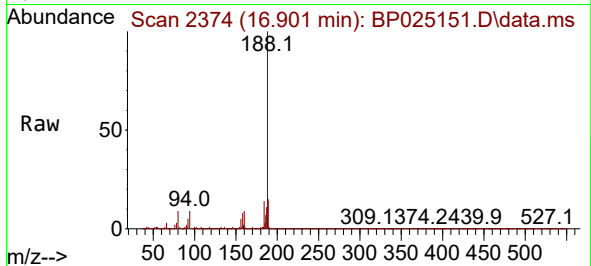




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025151.D
Acq: 15 Jul 2025 18:43

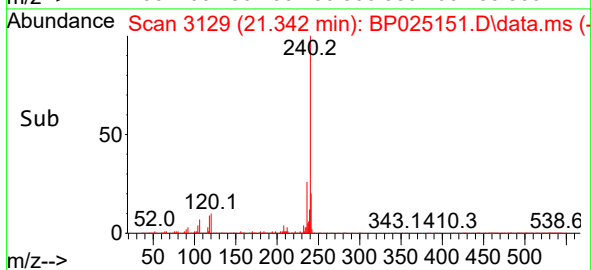
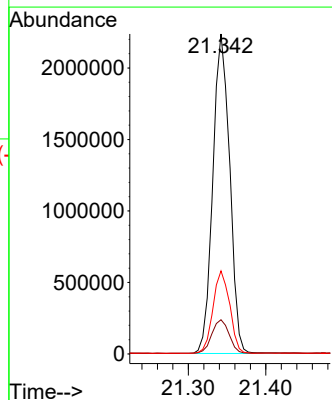
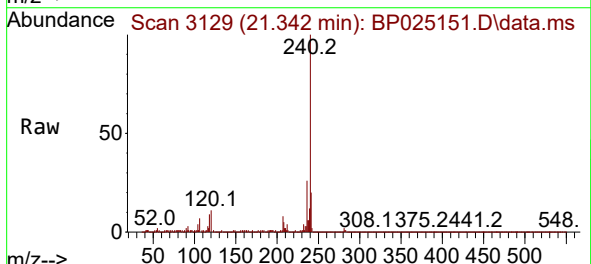
Instrument :
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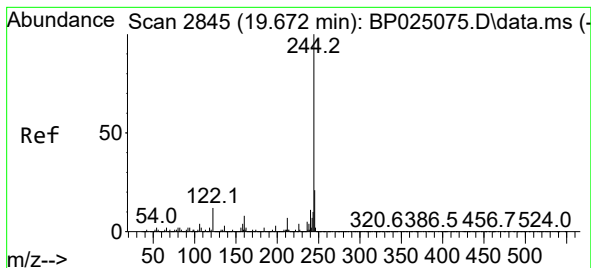
Tgt Ion:188 Resp: 3083561
Ion Ratio Lower Upper
188 100
94 8.6 7.3 10.9
80 9.3 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BP025151.D
Acq: 15 Jul 2025 18:43

Tgt Ion:240 Resp: 3378454
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 11.013 ng

RT: 19.666 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025151.D

Acq: 15 Jul 2025 18:43

Instrument :

BNA_P

ClientSampleId :

TP-18

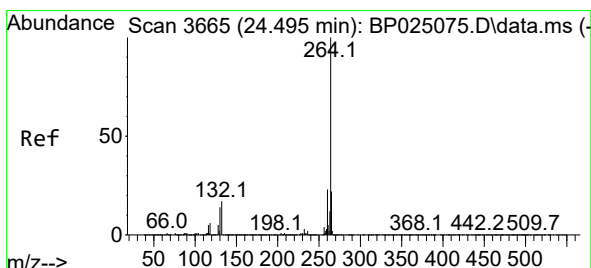
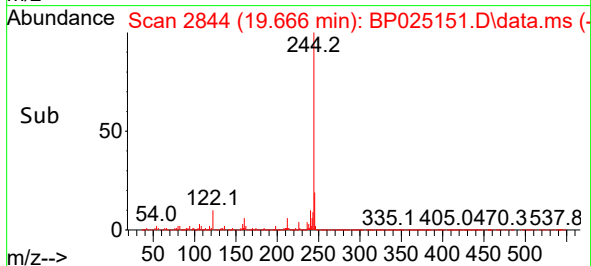
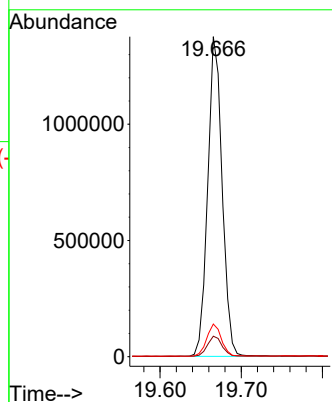
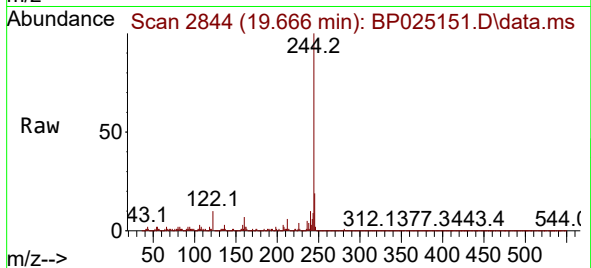
Tgt Ion:244 Resp: 1692917

Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

122 10.2 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.477 min Scan# 3662

Delta R.T. -0.018 min

Lab File: BP025151.D

Acq: 15 Jul 2025 18:43

Tgt Ion:264 Resp: 3923485

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.1 17.7 26.5

