

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025015.D
 Acq On : 20 Jun 2025 12:51
 Operator : RC/JU
 Sample : PB168536BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168536BL

Quant Time: Jun 20 13:15:49 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	7.602	152	271573	20.000	ng	-0.01
21) Naphthalene-d8	10.378	136	988460	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	608741	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1213121	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1414680	20.000	ng	0.02
86) Perylene-d12	24.777	264	1630780	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2457875	151.071	ng	0.00
7) Phenol-d6	6.813	99	2947532	136.926	ng	0.00
23) Nitrobenzene-d5	8.755	82	1753246	86.190	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1346188	159.952	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3938645	87.161	ng	0.00
79) Terphenyl-d14	19.783	244	7096996	89.911	ng	-0.01

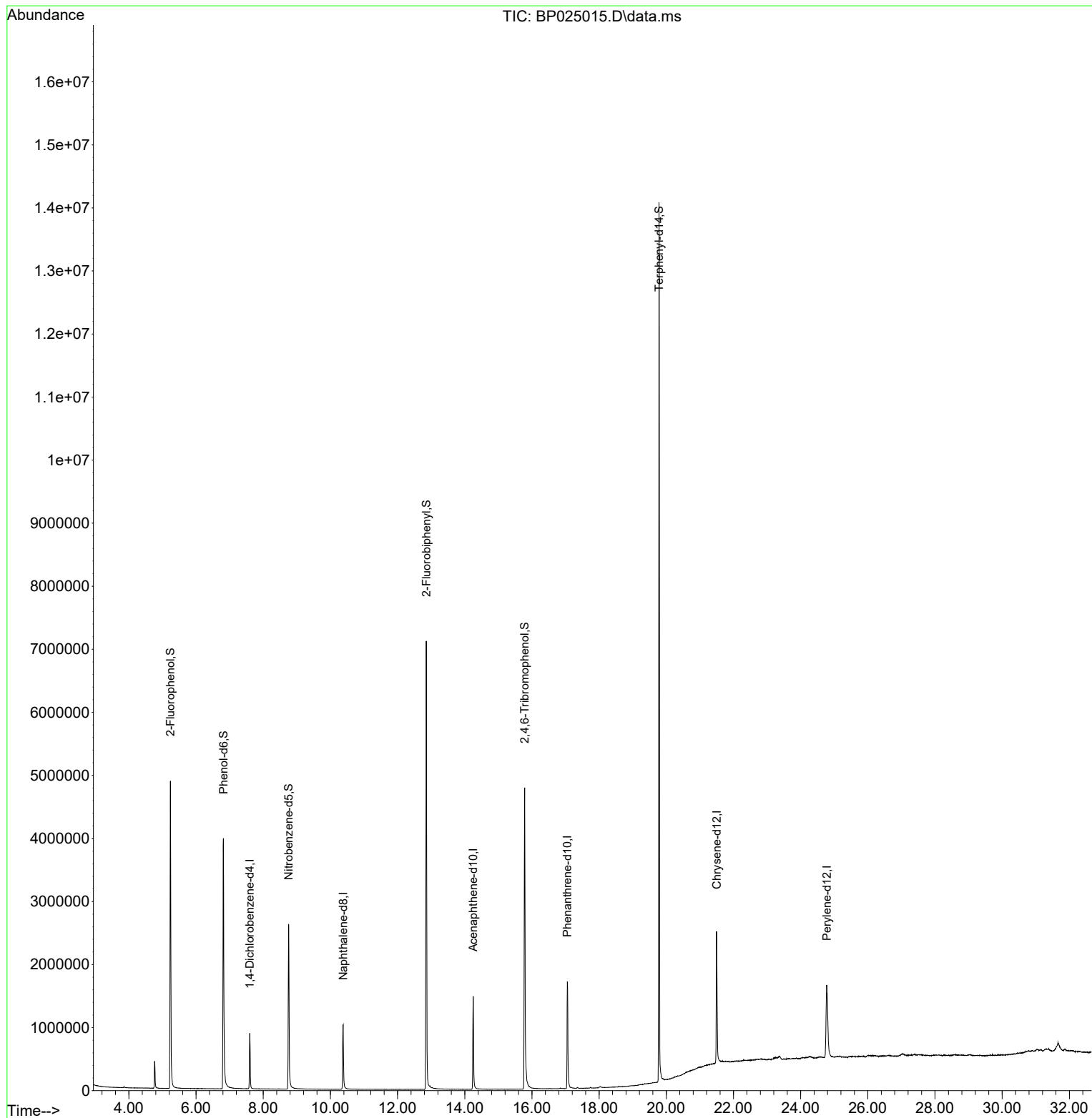
Target Compounds	Qvalue
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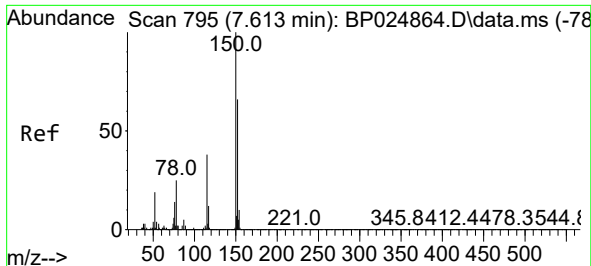
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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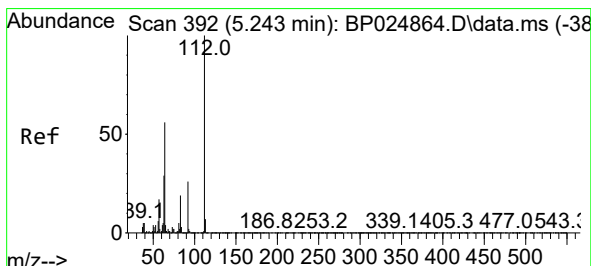
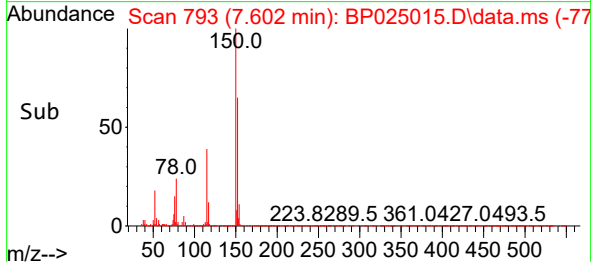
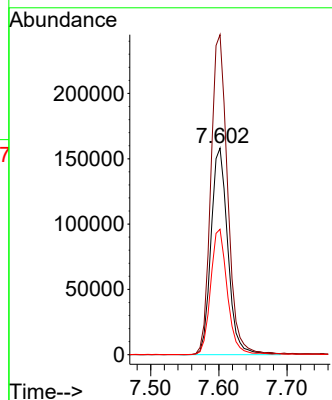
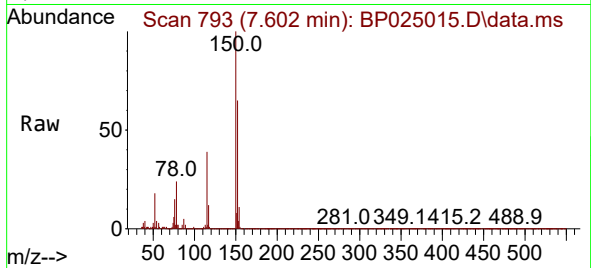




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP025015.D
Acq: 20 Jun 2025 12:51

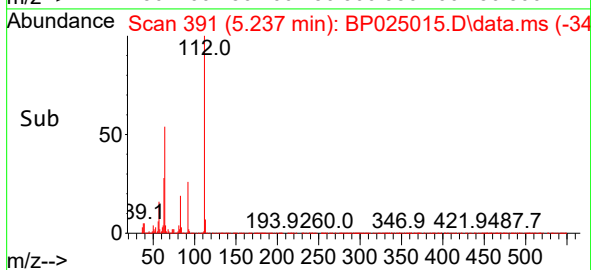
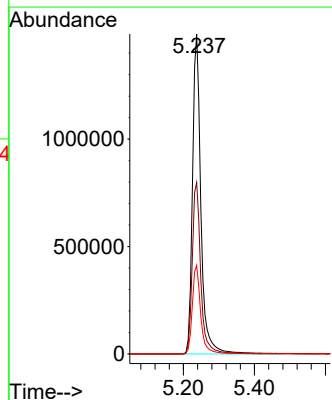
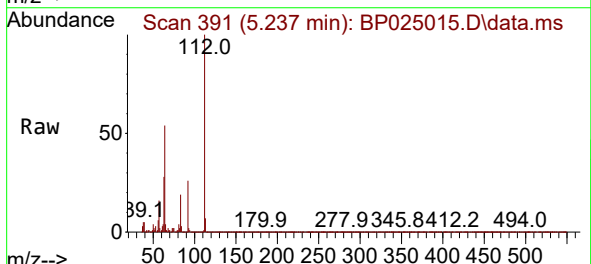
Instrument :
BNA_P
ClientSampleId :
PB168536BL

Tgt Ion:152 Resp: 271573
Ion Ratio Lower Upper
152 100
150 154.9 122.1 183.1
115 60.7 46.4 69.6



#5
2-Fluorophenol
Concen: 151.071 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025015.D
Acq: 20 Jun 2025 12:51

Tgt Ion:112 Resp: 2457875
Ion Ratio Lower Upper
112 100
64 53.6 44.7 67.1
63 27.8 23.5 35.3

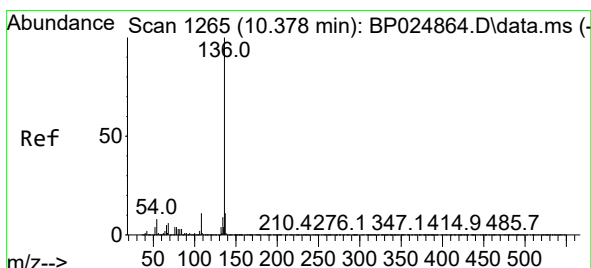
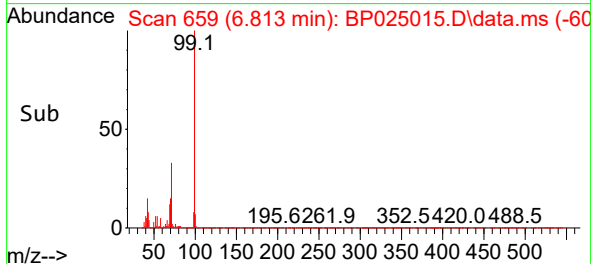
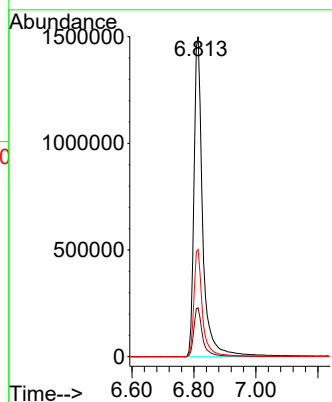
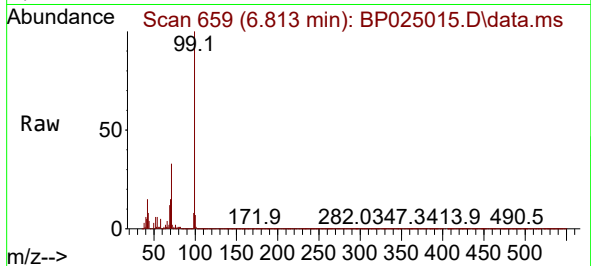




#7
Phenol-d6
Concen: 136.926 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025015.D
Acq: 20 Jun 2025 12:51

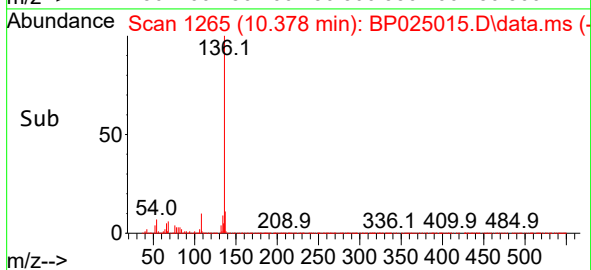
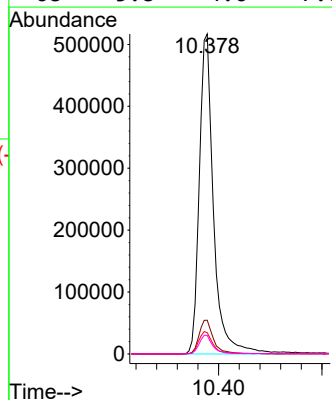
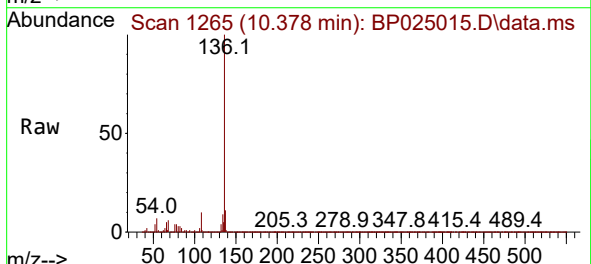
Instrument :
BNA_P
ClientSampleId :
PB168536BL

Tgt Ion: 99 Resp: 2947532
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.2
71 33.5 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP025015.D
Acq: 20 Jun 2025 12:51

Tgt Ion:136 Resp: 988460
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.7 6.1 9.1
68 5.8 4.6 7.0

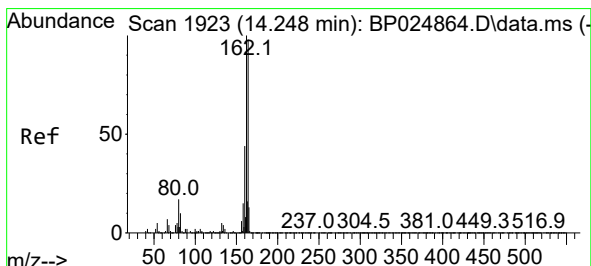
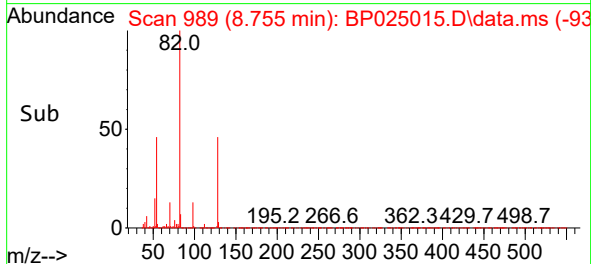
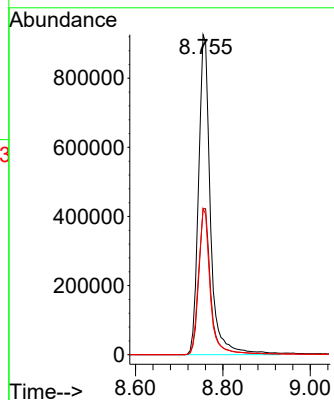
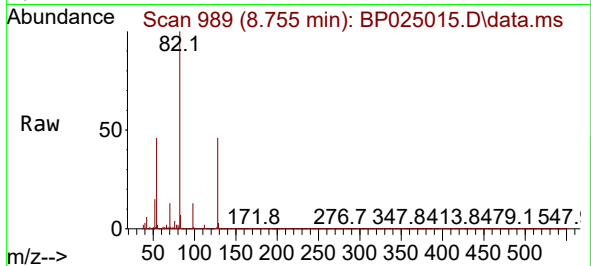




#23
Nitrobenzene-d5
Concen: 86.190 ng
RT: 8.755 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025015.D
Acq: 20 Jun 2025 12:51

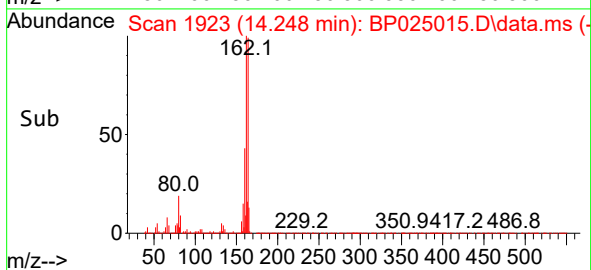
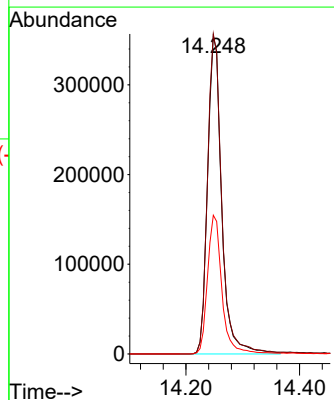
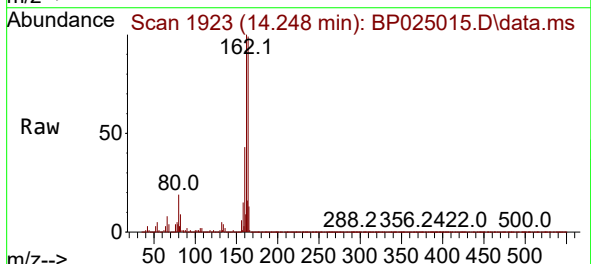
Instrument :
BNA_P
ClientSampleId :
PB168536BL

Tgt Ion: 82 Resp: 1753246
Ion Ratio Lower Upper
82 100
128 45.6 35.3 52.9
54 45.7 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP025015.D
Acq: 20 Jun 2025 12:51

Tgt Ion:164 Resp: 608741
Ion Ratio Lower Upper
164 100
162 100.6 81.6 122.4
160 43.6 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 159.952 ng

RT: 15.784 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025015.D

Acq: 20 Jun 2025 12:51

Instrument :

BNA_P

ClientSampleId :

PB168536BL

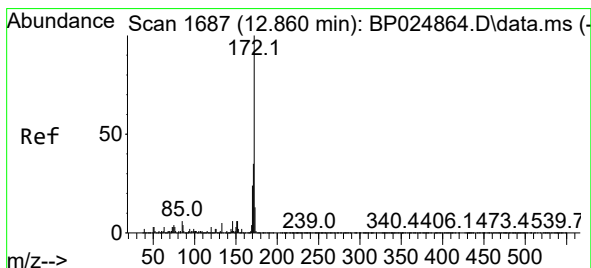
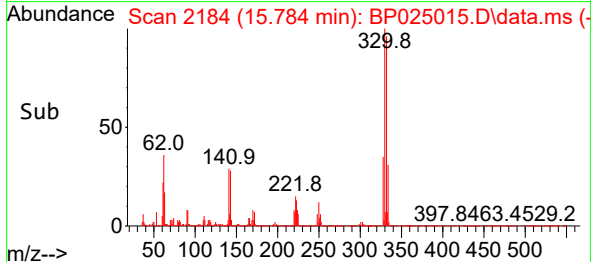
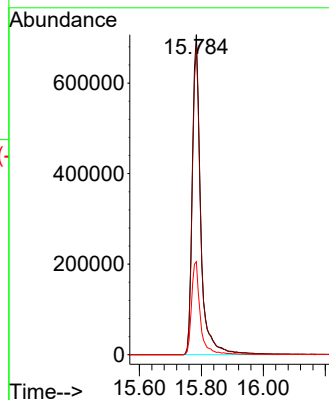
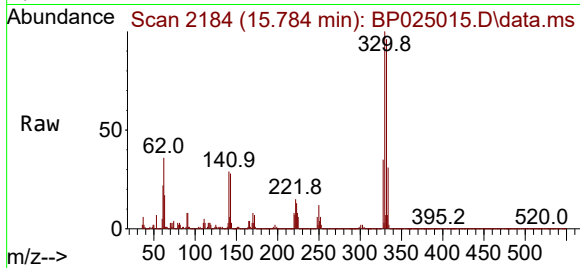
Tgt Ion:330 Resp: 1346188

Ion Ratio Lower Upper

330 100

332 96.1 77.7 116.5

141 29.9 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 87.161 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP025015.D

Acq: 20 Jun 2025 12:51

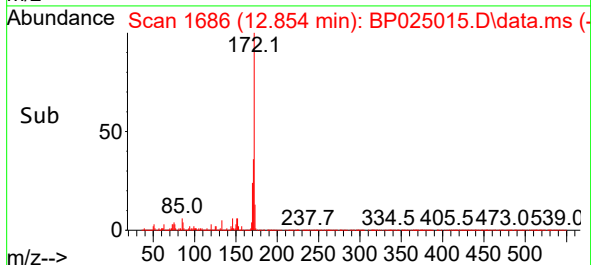
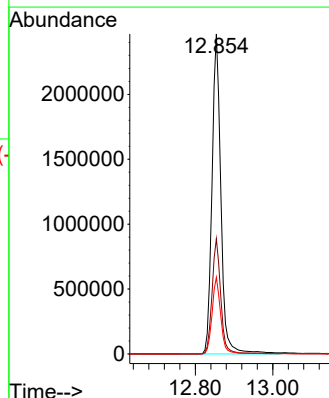
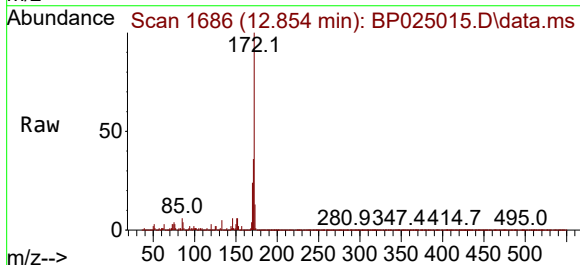
Tgt Ion:172 Resp: 3938645

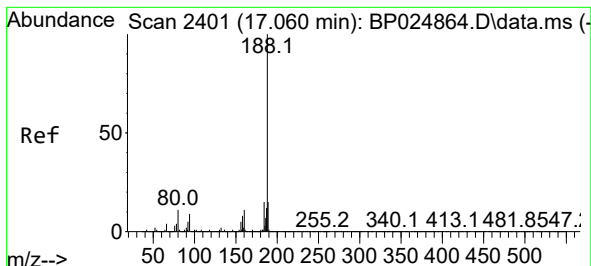
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.054 min Scan# 2400

Delta R.T. -0.006 min

Lab File: BP025015.D

Acq: 20 Jun 2025 12:51

Instrument :

BNA_P

ClientSampleId :

PB168536BL

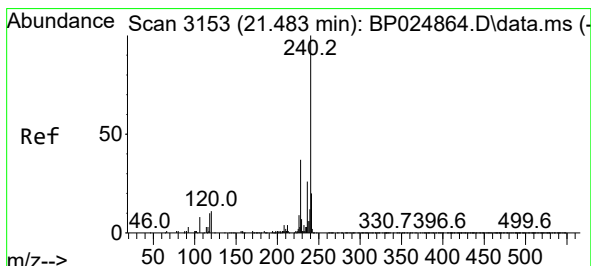
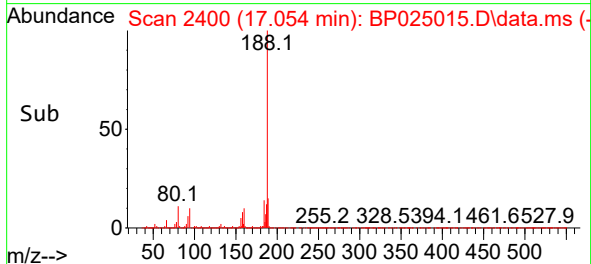
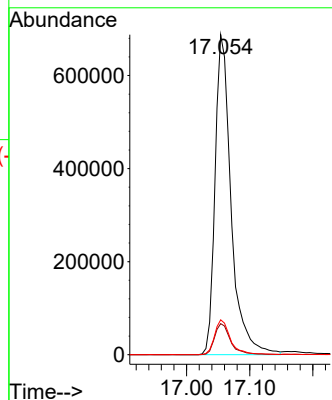
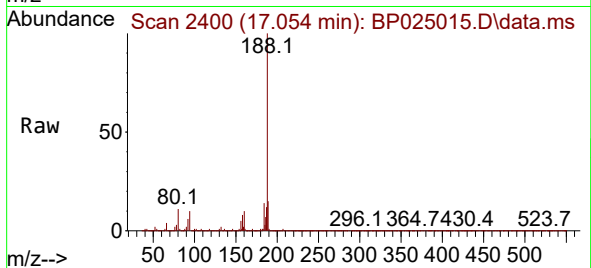
Tgt Ion:188 Resp: 1213121

Ion Ratio Lower Upper

188 100

94 9.7 7.3 10.9

80 10.9 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.501 min Scan# 3156

Delta R.T. 0.018 min

Lab File: BP025015.D

Acq: 20 Jun 2025 12:51

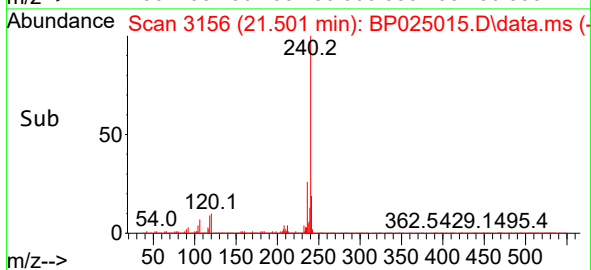
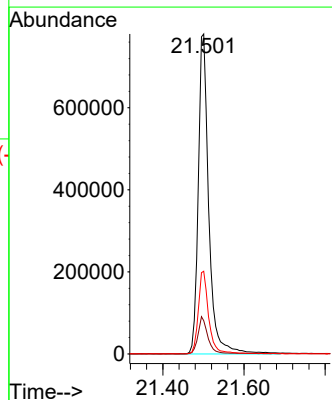
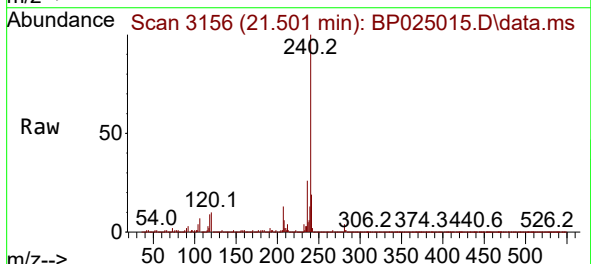
Tgt Ion:240 Resp: 1414680

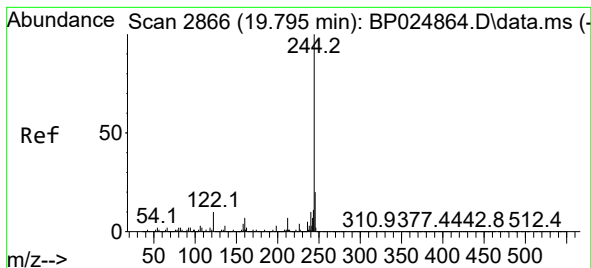
Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 89.911 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025015.D

Acq: 20 Jun 2025 12:51

Instrument :

BNA_P

ClientSampleId :

PB168536BL

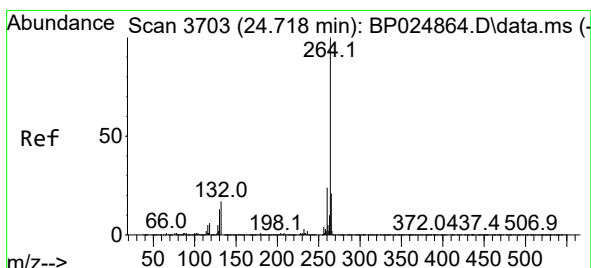
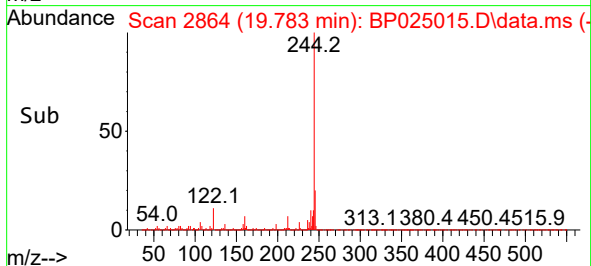
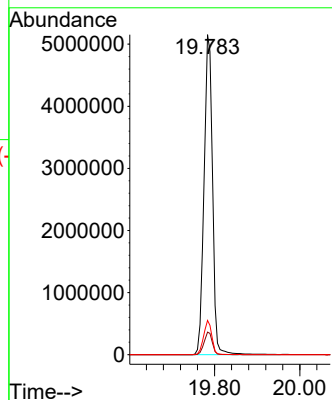
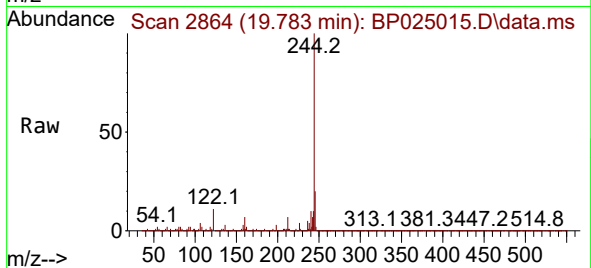
Tgt Ion:244 Resp: 7096996

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.7 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.777 min Scan# 3713

Delta R.T. 0.059 min

Lab File: BP025015.D

Acq: 20 Jun 2025 12:51

Tgt Ion:264 Resp: 1630780

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.9 17.4 26.0

