

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072825\
 Data File : BP025251.D
 Acq On : 28 Jul 2025 16:10
 Operator : CG/JU
 Sample : PB168971BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168971BL

Quant Time: Jul 28 16:29:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 28 14:29:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.419	152	369641	20.000	ng	0.00
21) Naphthalene-d8	10.155	136	1359799	20.000	ng	0.00
39) Acenaphthene-d10	14.054	164	821616	20.000	ng	0.01
64) Phenanthrene-d10	16.848	188	1688874	20.000	ng	0.00
76) Chrysene-d12	21.277	240	1970922	20.000	ng	0.01
86) Perylene-d12	24.330	264	2476482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2759262	126.127	ng	0.00
7) Phenol-d6	6.643	99	3204057	118.251	ng	0.00
23) Nitrobenzene-d5	8.543	82	1998790	81.688	ng	0.00
42) 2,4,6-Tribromophenol	15.578	330	1347247	111.228	ng	0.00
45) 2-Fluorobiphenyl	12.660	172	4830685	82.890	ng	0.00
79) Terphenyl-d14	19.607	244	8315131	83.282	ng	0.00

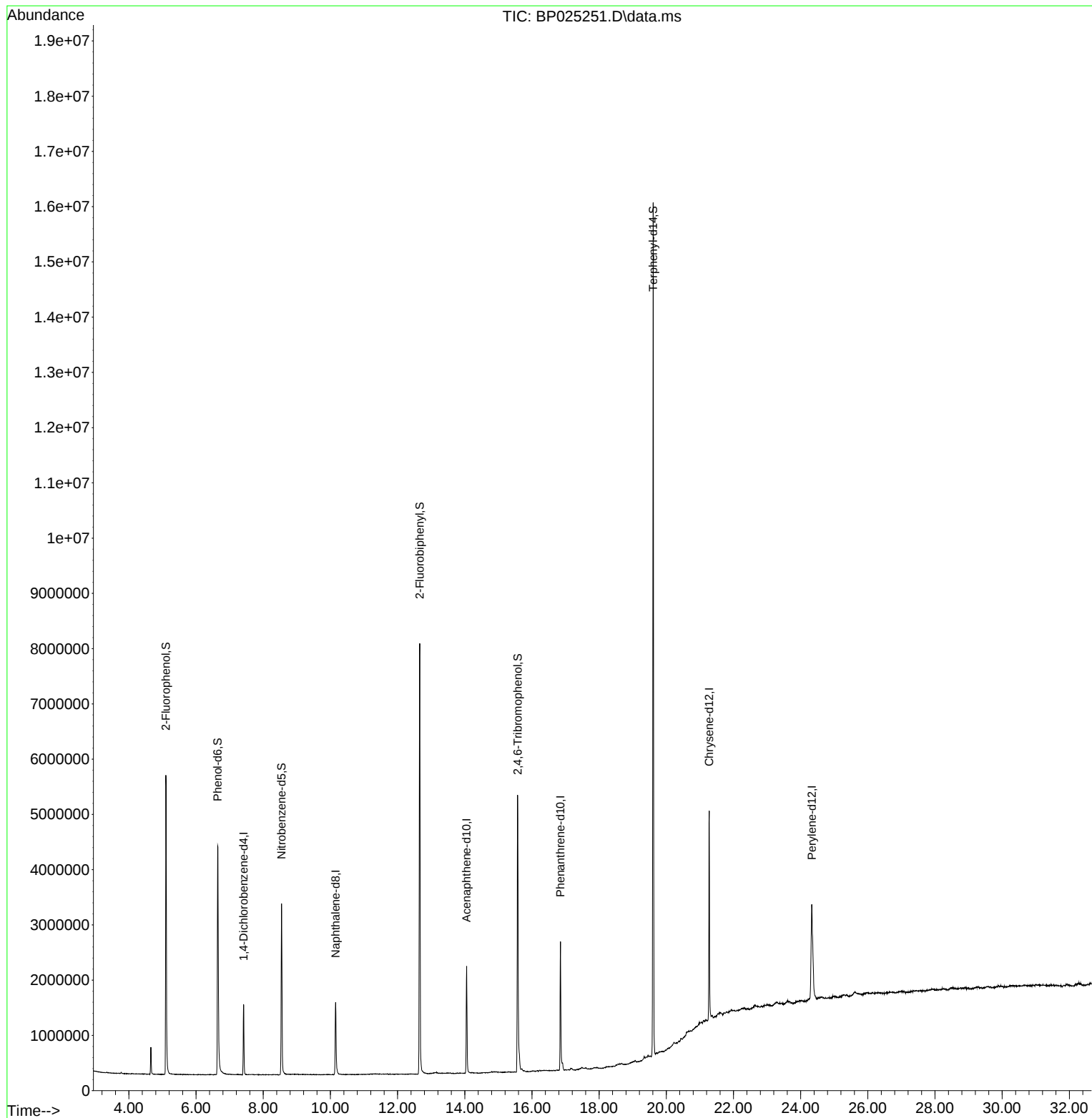
Target Compounds	Qvalue

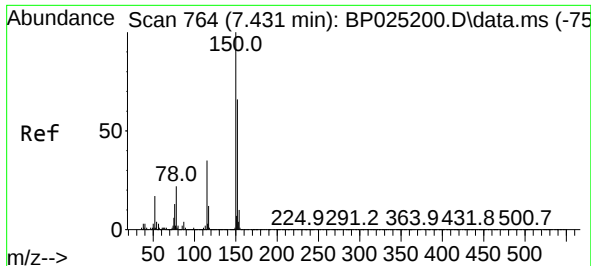
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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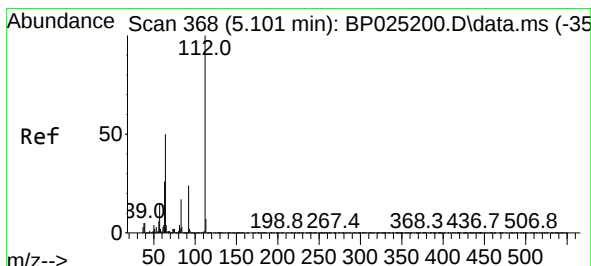
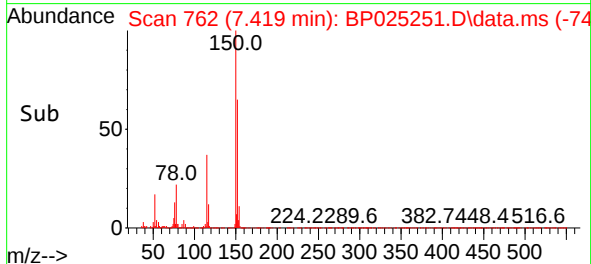
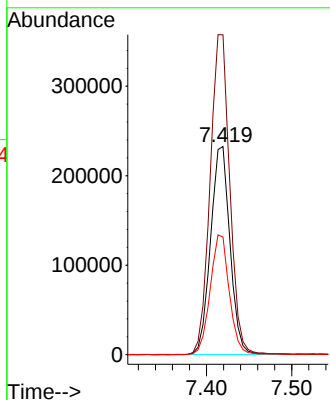
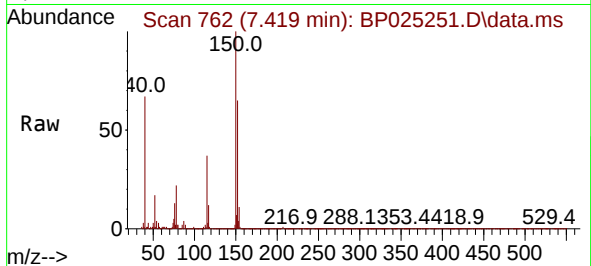




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.419 min Scan# 70
Delta R.T. 0.005 min
Lab File: BP025251.D
Acq: 28 Jul 2025 16:10

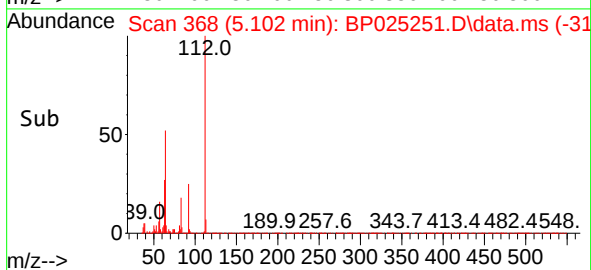
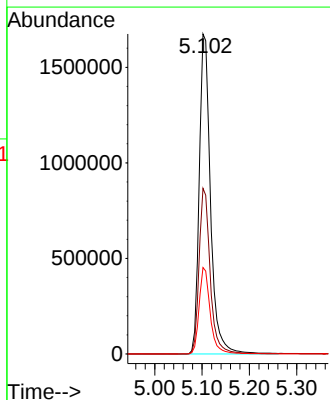
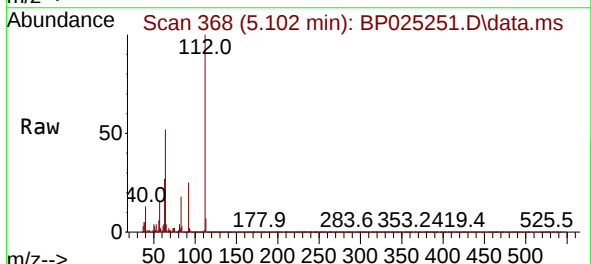
Instrument :
BNA_P
ClientSampleId :
PB168971BL

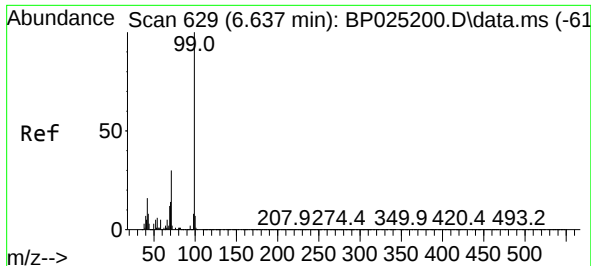
Tgt Ion:152 Resp: 369641
Ion Ratio Lower Upper
152 100
150 153.7 121.9 182.9
115 56.5 43.0 64.6



#5
2-Fluorophenol
Concen: 126.127 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025251.D
Acq: 28 Jul 2025 16:10

Tgt Ion:112 Resp: 2759262
Ion Ratio Lower Upper
112 100
64 51.7 39.8 59.6
63 27.0 20.5 30.7

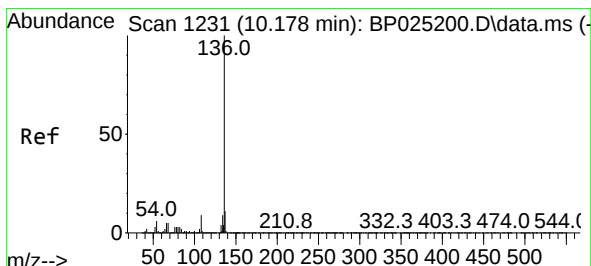
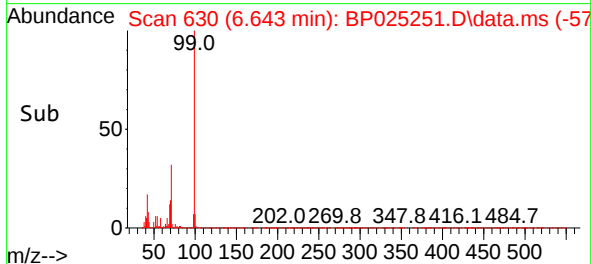
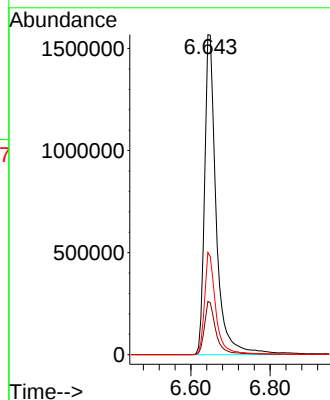
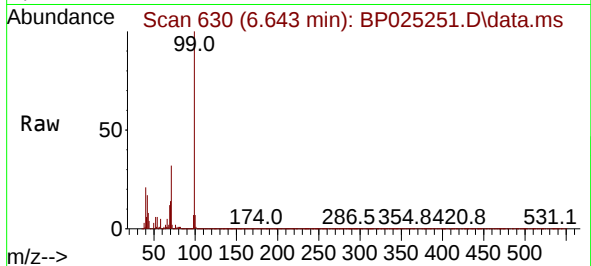




#7
Phenol-d6
Concen: 118.251 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025251.D
Acq: 28 Jul 2025 16:10

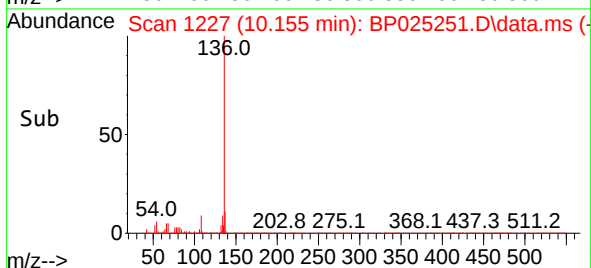
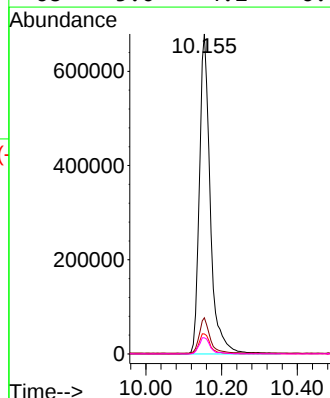
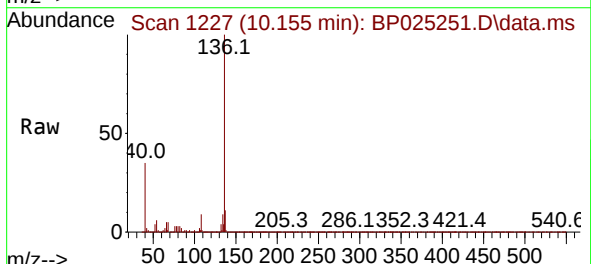
Instrument :
BNA_P
ClientSampleId :
PB168971BL

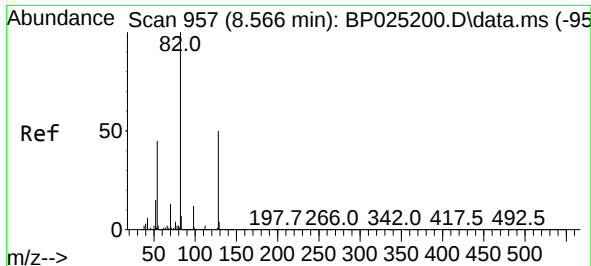
Tgt Ion: 99 Resp: 3204057
Ion Ratio Lower Upper
99 100
42 16.6 12.5 18.7
71 31.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.155 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BP025251.D
Acq: 28 Jul 2025 16:10

Tgt Ion:136 Resp: 1359799
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.3 5.1 7.7
68 5.0 4.2 6.4

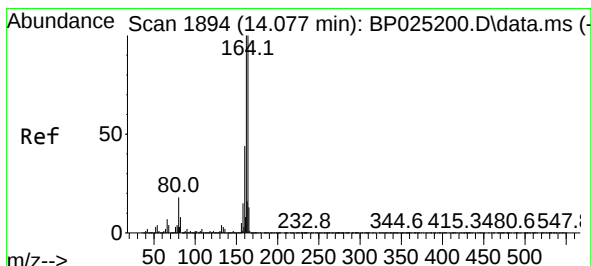
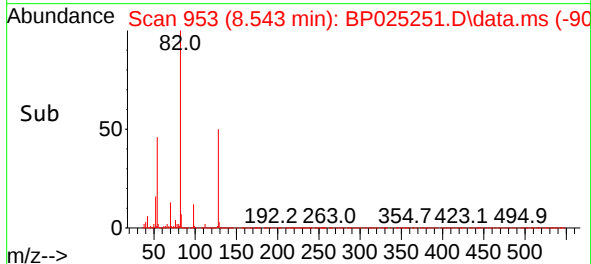
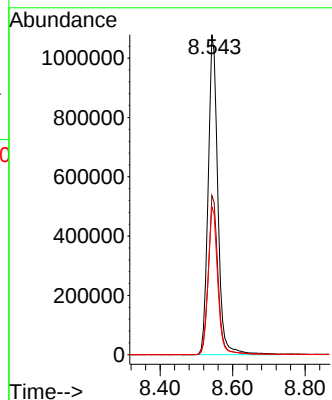
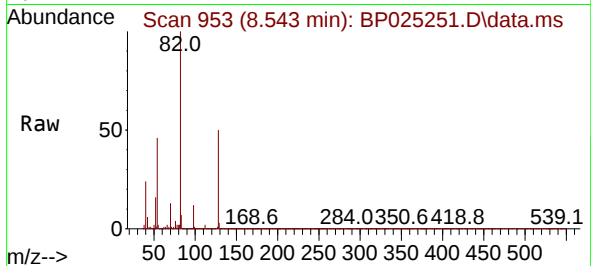




#23
Nitrobenzene-d5
Concen: 81.688 ng
RT: 8.543 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025251.D
Acq: 28 Jul 2025 16:10

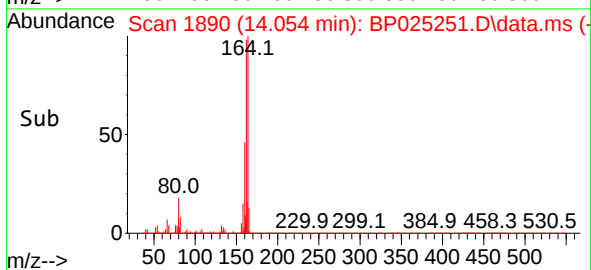
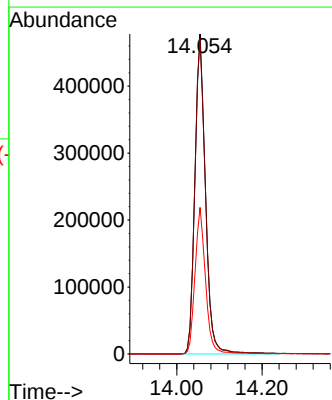
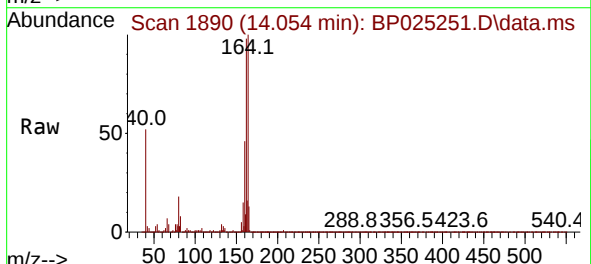
Instrument :
BNA_P
ClientSampleId :
PB168971BL

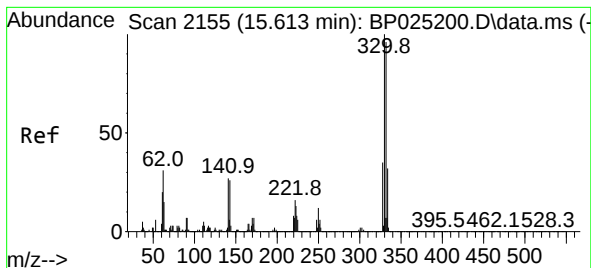
Tgt Ion: 82 Resp: 1998790
Ion Ratio Lower Upper
82 100
128 49.7 40.2 60.4
54 46.2 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.054 min Scan# 1890
Delta R.T. 0.012 min
Lab File: BP025251.D
Acq: 28 Jul 2025 16:10

Tgt Ion:164 Resp: 821616
Ion Ratio Lower Upper
164 100
162 98.5 80.3 120.5
160 45.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 111.228 ng

RT: 15.578 min Scan# 2155

Delta R.T. 0.006 min

Lab File: BP025251.D

Acq: 28 Jul 2025 16:10

Instrument :

BNA_P

ClientSampleId :

PB168971BL

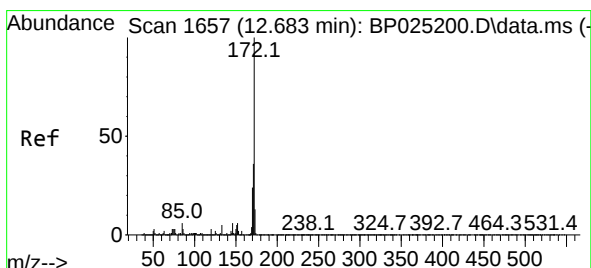
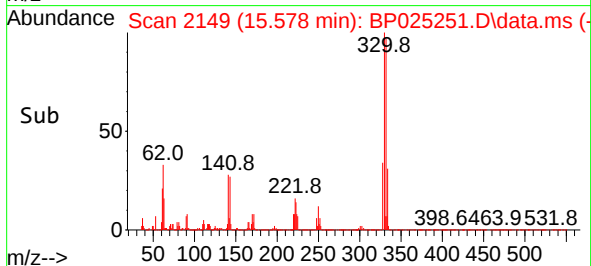
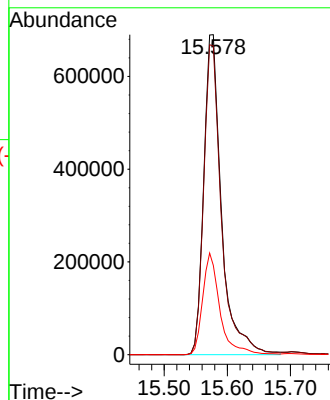
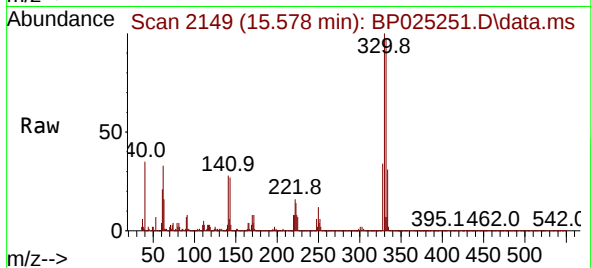
Tgt Ion:330 Resp: 1347247

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 30.9 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 82.890 ng

RT: 12.660 min Scan# 1653

Delta R.T. 0.006 min

Lab File: BP025251.D

Acq: 28 Jul 2025 16:10

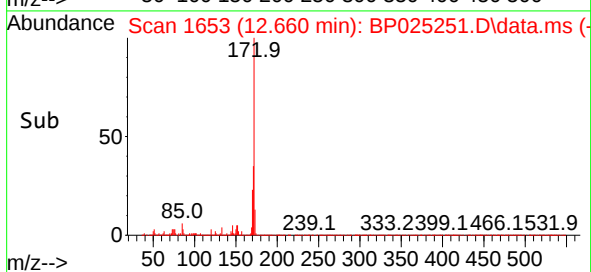
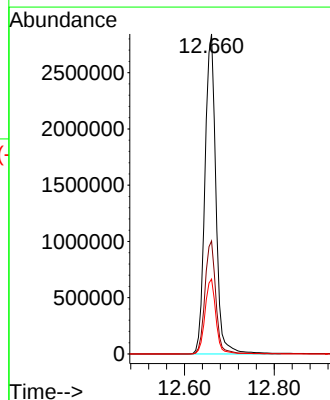
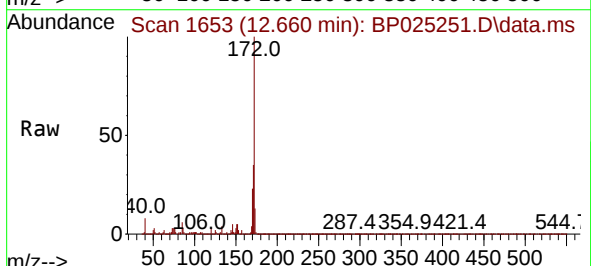
Tgt Ion:172 Resp: 4830685

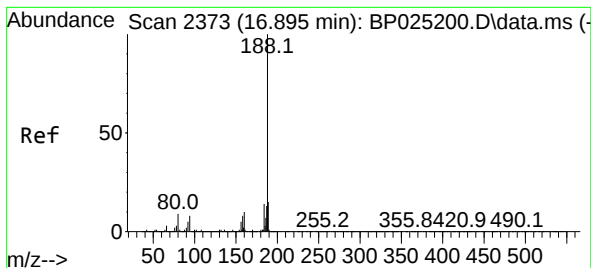
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.848 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025251.D

Acq: 28 Jul 2025 16:10

Instrument :

BNA_P

ClientSampleId :

PB168971BL

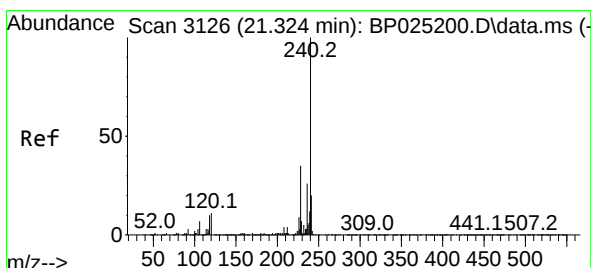
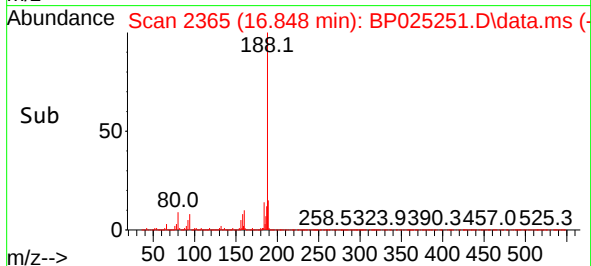
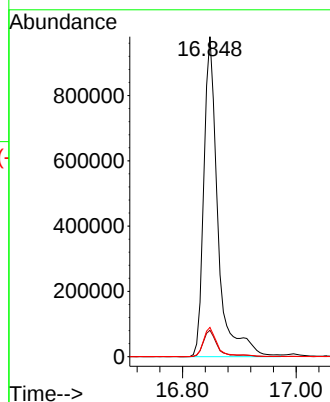
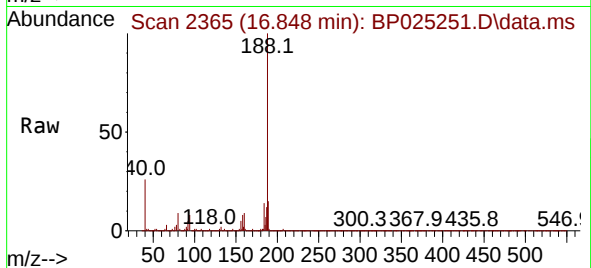
Tgt Ion:188 Resp: 1688874

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 9.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.277 min Scan# 3118

Delta R.T. 0.012 min

Lab File: BP025251.D

Acq: 28 Jul 2025 16:10

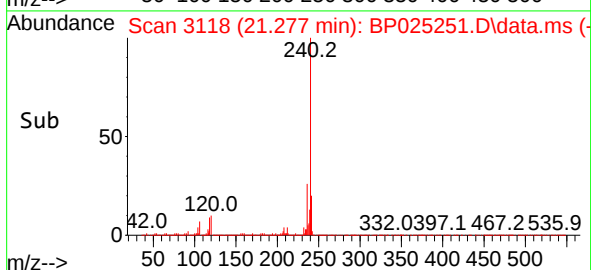
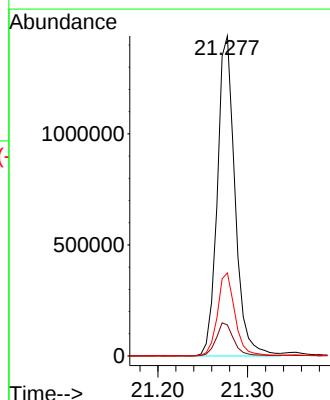
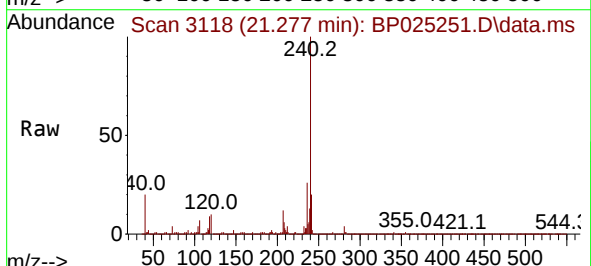
Tgt Ion:240 Resp: 1970922

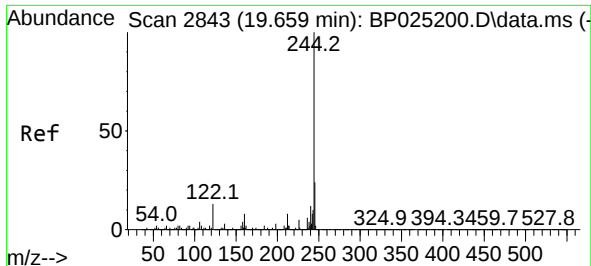
Ion Ratio Lower Upper

240 100

120 9.7 8.8 13.2

236 25.9 20.9 31.3

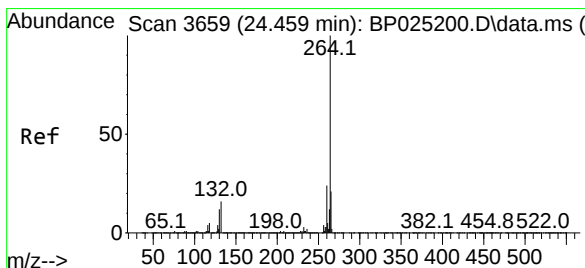
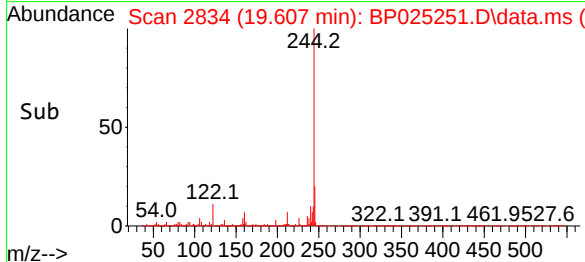
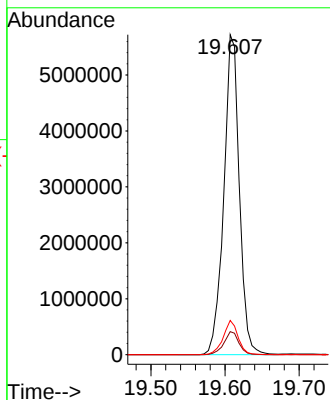
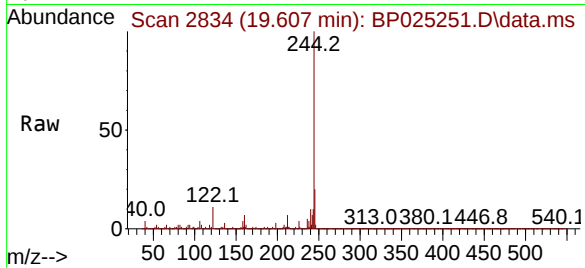




#79
 Terphenyl-d14
 Concen: 83.282 ng
 RT: 19.607 min Scan# 21
 Delta R.T. -0.006 min
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 Acq: 28 Jul 2025 16:10

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 ClientSampleId :
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Tgt Ion:244 Resp: 8315131
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 9.8
 122 10.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.330 min Scan# 3637
 Delta R.T. -0.000 min
 Lab File: BP025251.D
 Acq: 28 Jul 2025 16:10

Tgt Ion:264 Resp: 2476482
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 22.8 17.5 26.3

