

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072825\
 Data File : BP025255.D
 Acq On : 28 Jul 2025 19:43
 Operator : CG/JU
 Sample : Q2706-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT-5417

Quant Time: Jul 29 01:05:53 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)

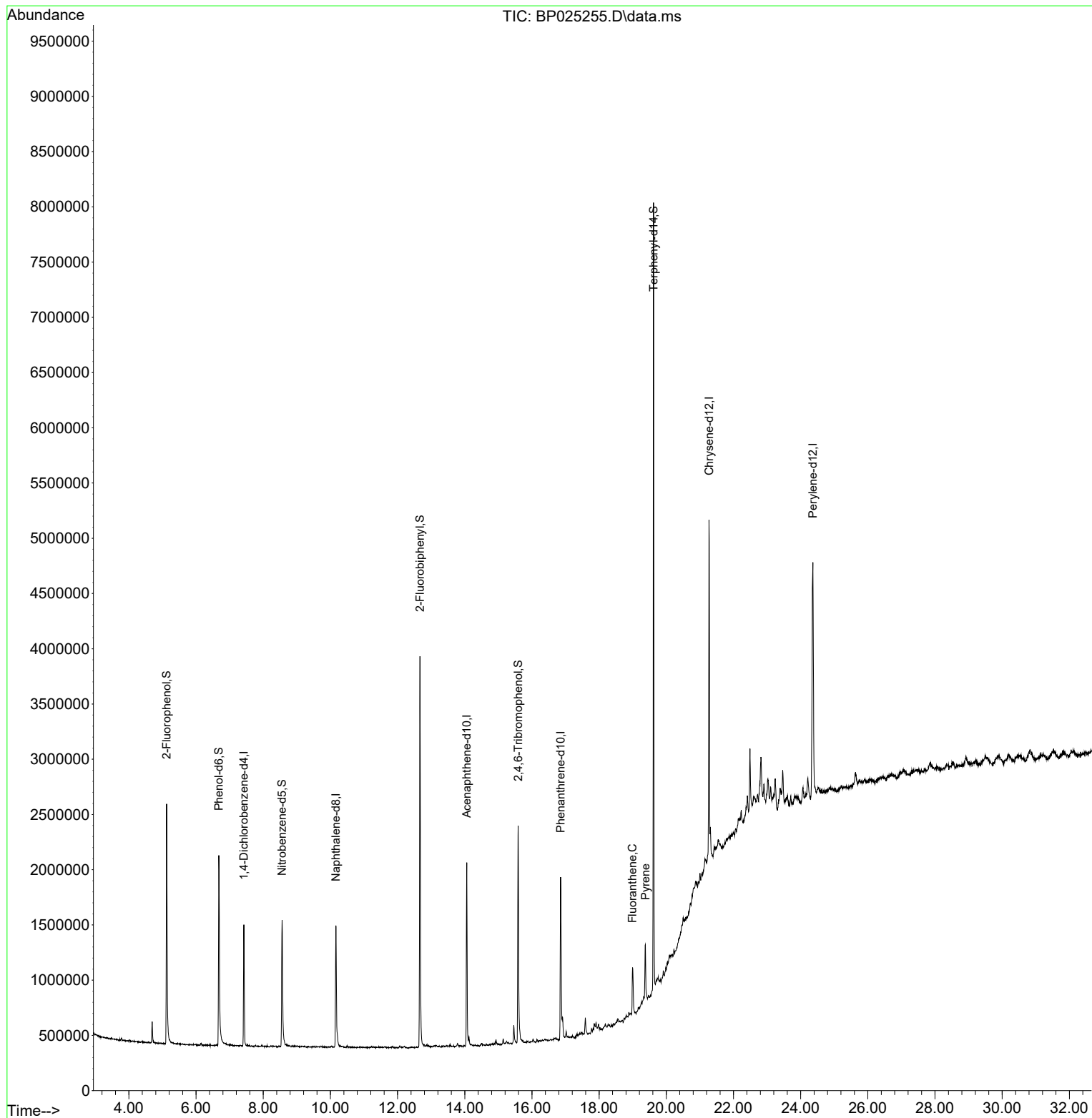
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.425	152	322849	20.000	ng	0.01
21) Naphthalene-d8	10.160	136	1133343	20.000	ng	0.01
39) Acenaphthene-d10	14.060	164	643840	20.000	ng	0.02
64) Phenanthrene-d10	16.854	188	1261975	20.000	ng	0.01
76) Chrysene-d12	21.271	240	1637451	20.000	ng	0.00
86) Perylene-d12	24.365	264	2375731	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.125	112	1191030	62.333	ng	0.03
7) Phenol-d6	6.678	99	1343317	56.763	ng	0.04
23) Nitrobenzene-d5	8.560	82	884822	43.387	ng	0.02
42) 2,4,6-Tribromophenol	15.589	330	489258	51.546	ng	0.02
45) 2-Fluorobiphenyl	12.666	172	2039997	44.670	ng	0.01
79) Terphenyl-d14	19.619	244	3250884	39.191	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	18.995	202	406286	5.072	ng	99
78) Pyrene	19.377	202	350000	3.467	ng	97

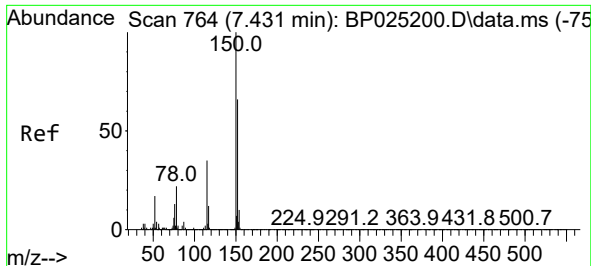
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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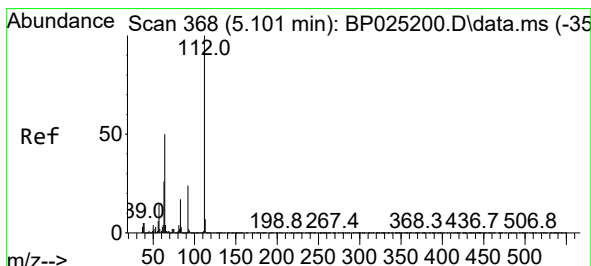
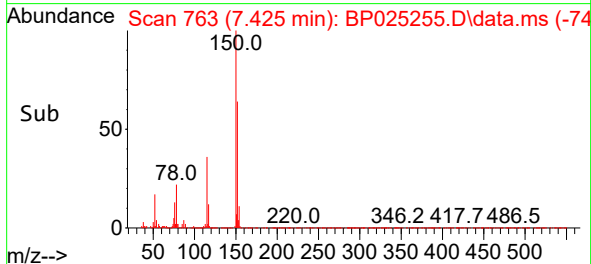
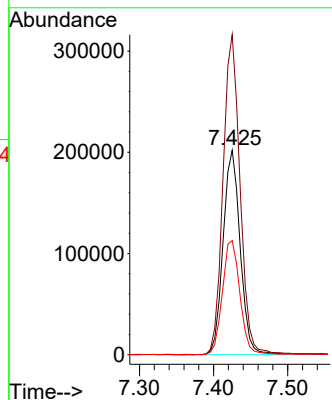
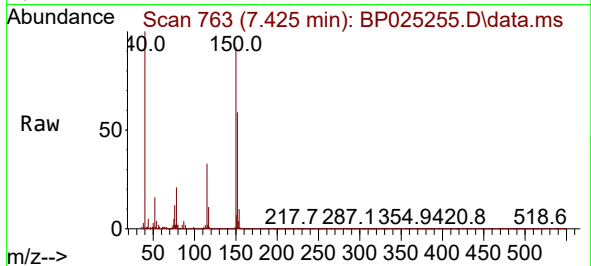




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.425 min Scan# 70
Delta R.T. 0.011 min
Lab File: BP025255.D
Acq: 28 Jul 2025 19:43

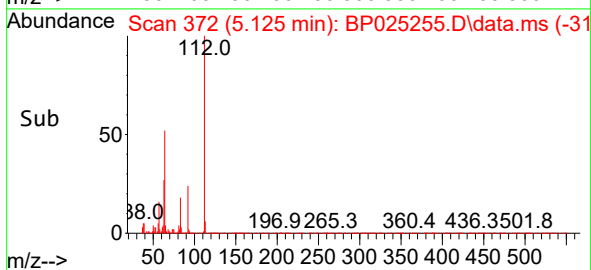
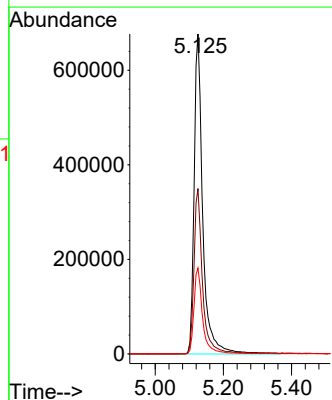
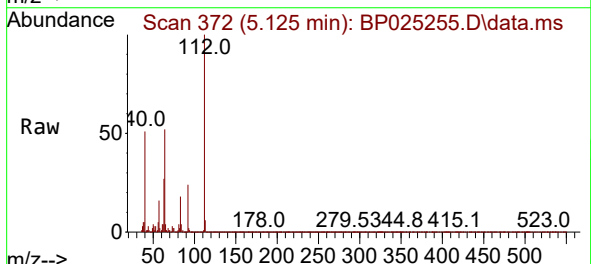
Instrument :
BNA_P
ClientSampleId :
RT-5417

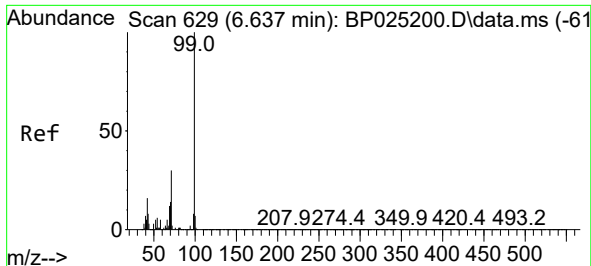
Tgt Ion:152 Resp: 322849
Ion Ratio Lower Upper
152 100
150 156.5 121.9 182.9
115 55.8 43.0 64.6



#5
2-Fluorophenol
Concen: 62.333 ng
RT: 5.125 min Scan# 372
Delta R.T. 0.029 min
Lab File: BP025255.D
Acq: 28 Jul 2025 19:43

Tgt Ion:112 Resp: 1191030
Ion Ratio Lower Upper
112 100
64 51.7 39.8 59.6
63 26.9 20.5 30.7

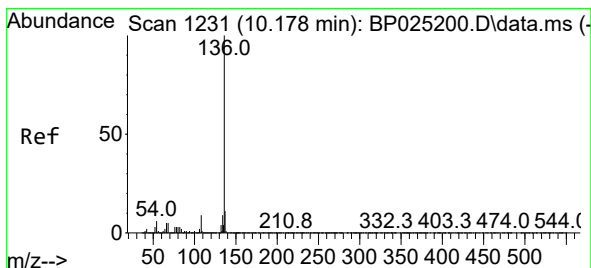
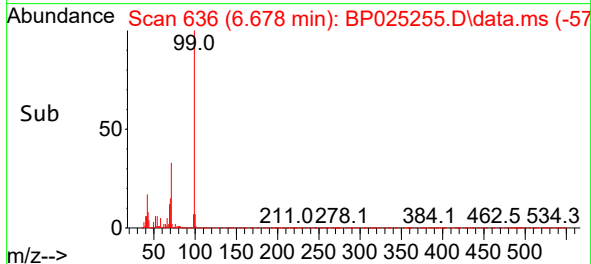
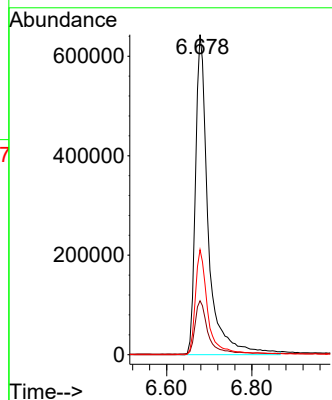
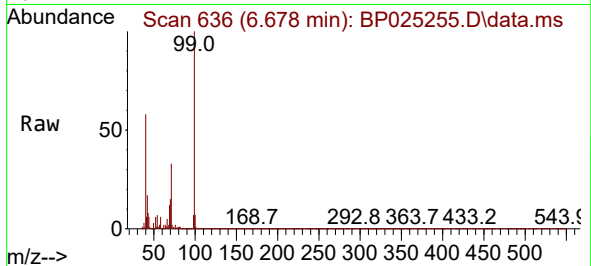




#7
Phenol-d6
Concen: 56.763 ng
RT: 6.678 min Scan# 61
Delta R.T. 0.041 min
Lab File: BP025255.D
Acq: 28 Jul 2025 19:43

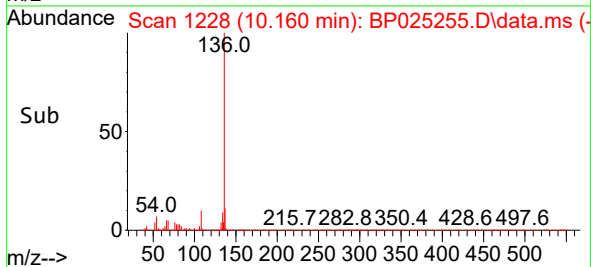
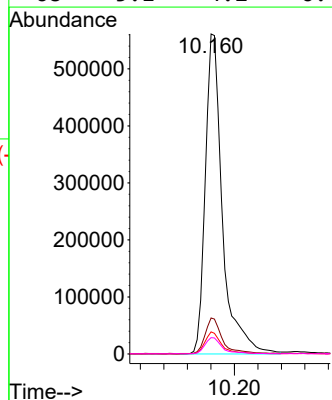
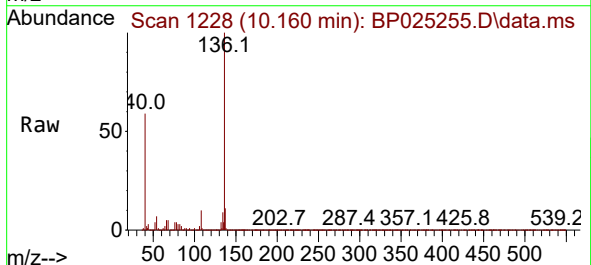
Instrument :
BNA_P
ClientSampleId :
RT-5417

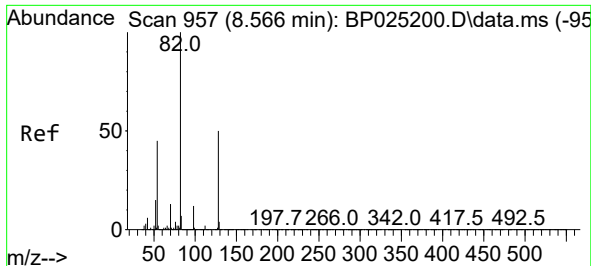
Tgt Ion: 99 Resp: 1343317
Ion Ratio Lower Upper
99 100
42 16.9 12.5 18.7
71 32.8 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.160 min Scan# 1228
Delta R.T. 0.012 min
Lab File: BP025255.D
Acq: 28 Jul 2025 19:43

Tgt Ion: 136 Resp: 1133343
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.9 5.1 7.7
68 5.1 4.2 6.4

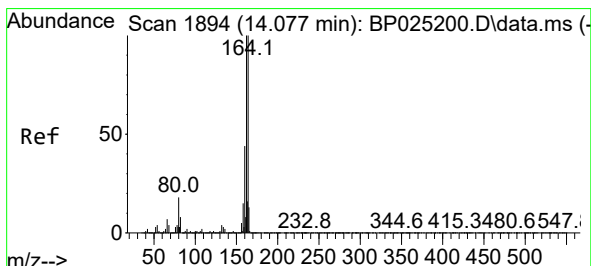
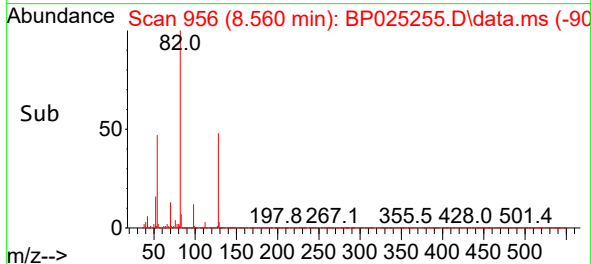
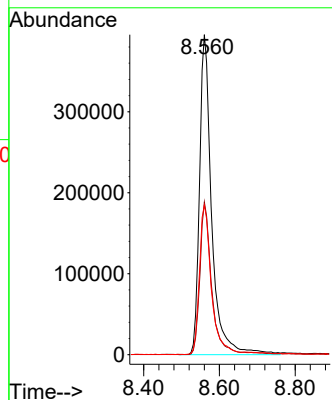
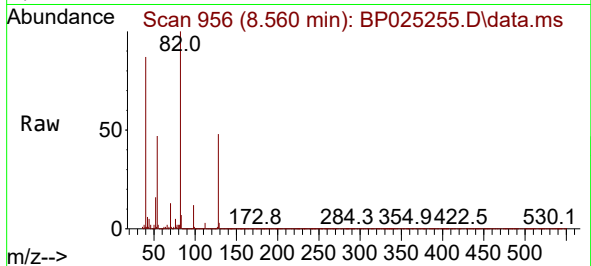




#23
Nitrobenzene-d5
Concen: 43.387 ng
RT: 8.560 min Scan# 91
Delta R.T. 0.017 min
Lab File: BP025255.D
Acq: 28 Jul 2025 19:43

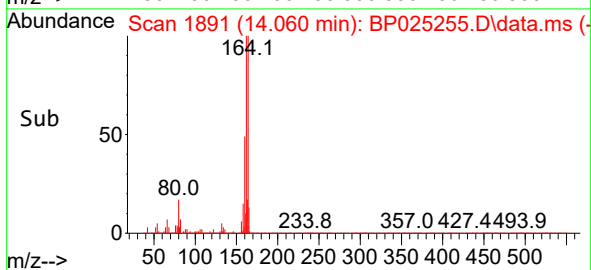
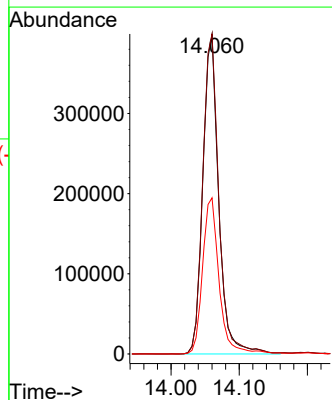
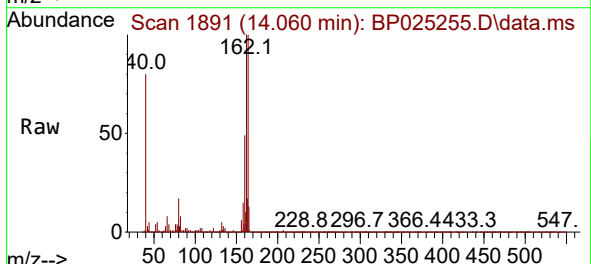
Instrument :
BNA_P
ClientSampleId :
RT-5417

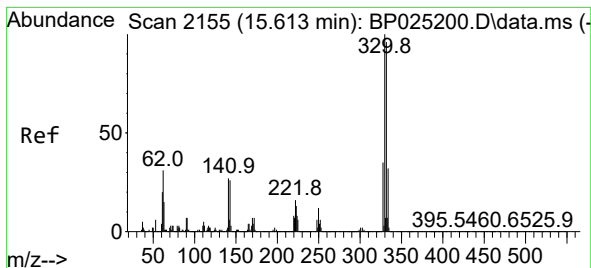
Tgt Ion: 82 Resp: 884822
Ion Ratio Lower Upper
82 100
128 47.7 40.2 60.4
54 46.7 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.060 min Scan# 1891
Delta R.T. 0.017 min
Lab File: BP025255.D
Acq: 28 Jul 2025 19:43

Tgt Ion: 164 Resp: 643840
Ion Ratio Lower Upper
164 100
162 100.2 80.3 120.5
160 48.9 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 51.546 ng

RT: 15.589 min Scan# 2151

Delta R.T. 0.017 min

Lab File: BP025255.D

Acq: 28 Jul 2025 19:43

Instrument :

BNA_P

ClientSampleId :

RT-5417

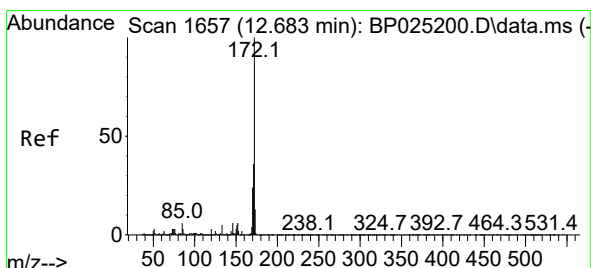
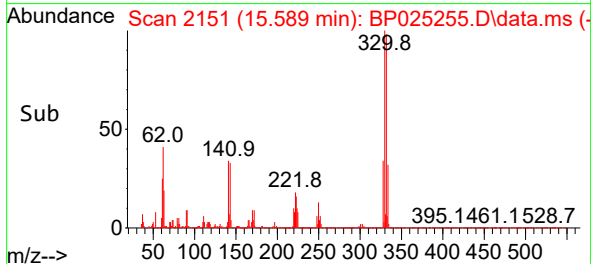
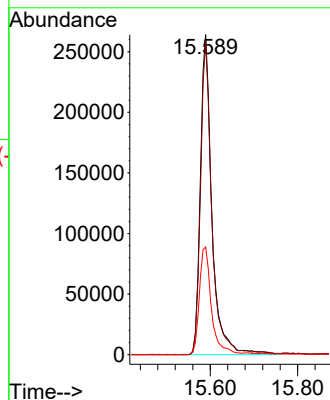
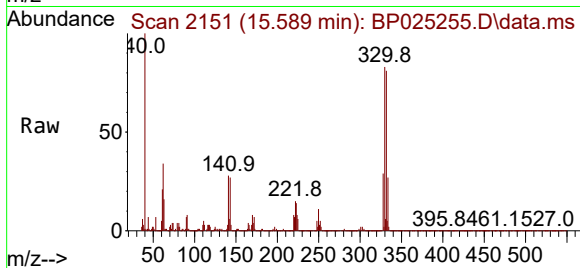
Tgt Ion:330 Resp: 489258

Ion Ratio Lower Upper

330 100

332 95.0 77.1 115.7

141 34.5 22.4 33.6#



#45

2-Fluorobiphenyl

Concen: 44.670 ng

RT: 12.666 min Scan# 1654

Delta R.T. 0.012 min

Lab File: BP025255.D

Acq: 28 Jul 2025 19:43

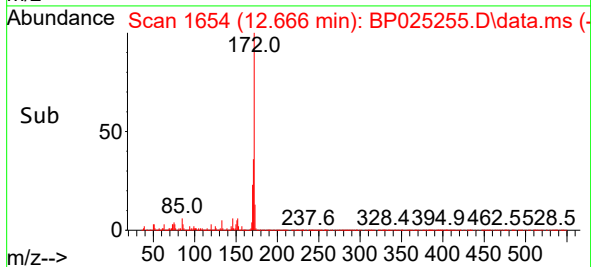
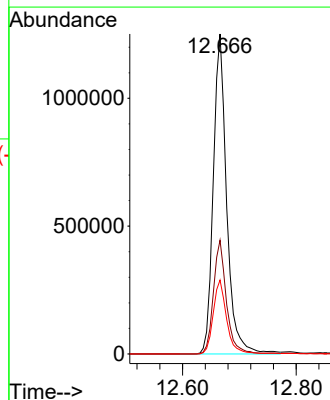
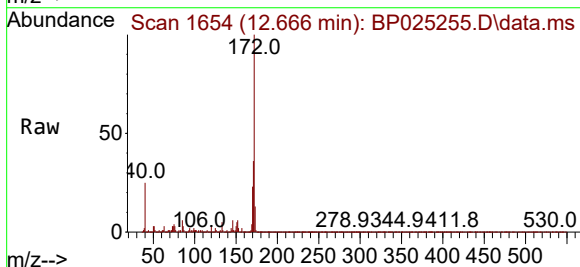
Tgt Ion:172 Resp: 2039997

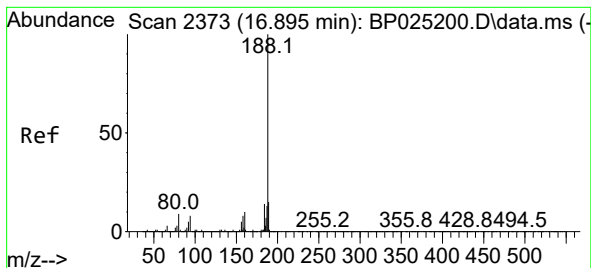
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.1 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.854 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025255.D

Acq: 28 Jul 2025 19:43

Instrument :

BNA_P

ClientSampleId :

RT-5417

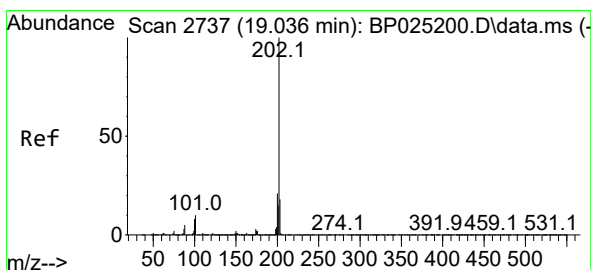
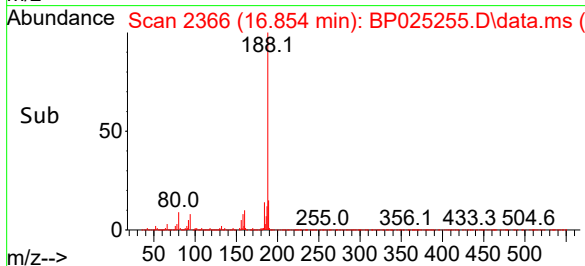
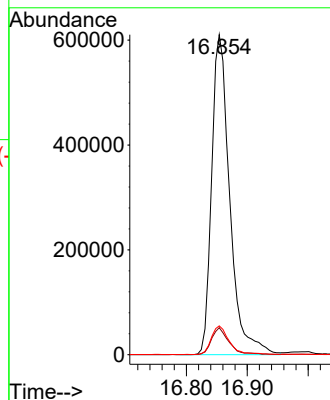
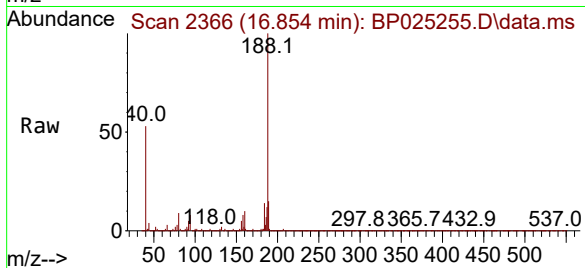
Tgt Ion:188 Resp: 1261975

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 9.0 7.3 10.9



#75

Fluoranthene

Concen: 5.072 ng

RT: 18.995 min Scan# 2730

Delta R.T. 0.017 min

Lab File: BP025255.D

Acq: 28 Jul 2025 19:43

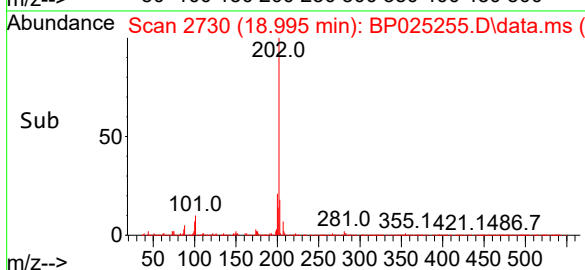
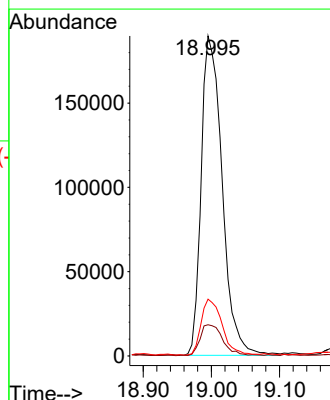
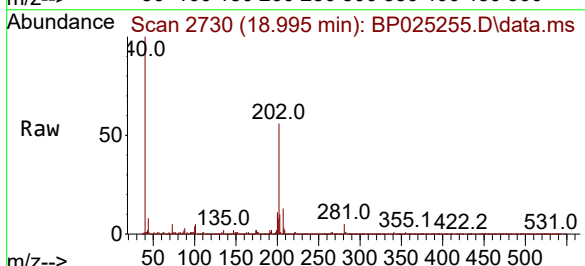
Tgt Ion:202 Resp: 406286

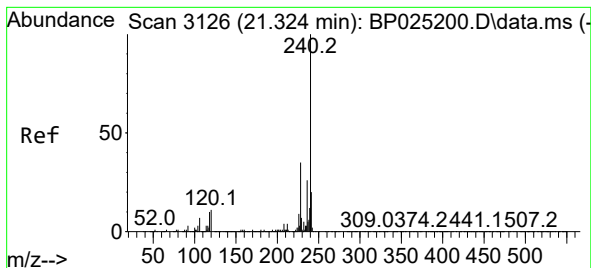
Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.3

203 17.8 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.271 min Scan# 3117

Delta R.T. 0.006 min

Lab File: BP025255.D

Acq: 28 Jul 2025 19:43

Instrument :

BNA_P

ClientSampleId :

RT-5417

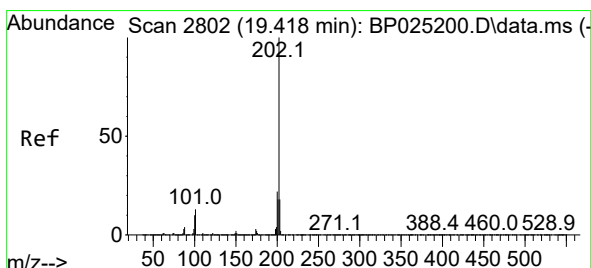
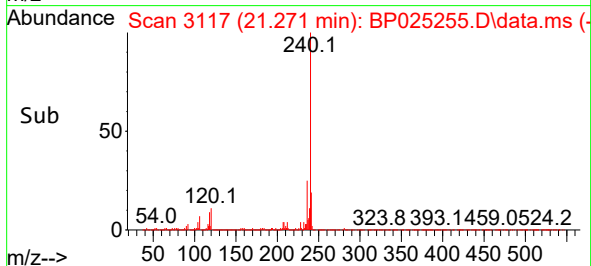
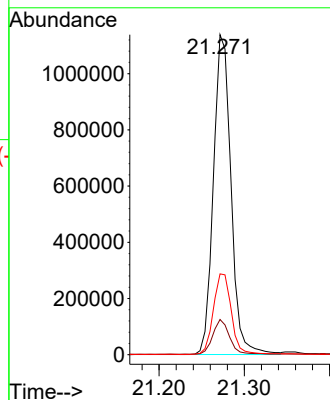
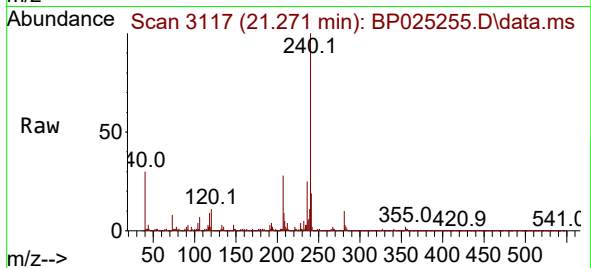
Tgt Ion:240 Resp: 1637451

Ion Ratio Lower Upper

240 100

120 11.0 8.8 13.2

236 25.3 20.9 31.3



#78

Pyrene

Concen: 3.467 ng

RT: 19.377 min Scan# 2795

Delta R.T. 0.017 min

Lab File: BP025255.D

Acq: 28 Jul 2025 19:43

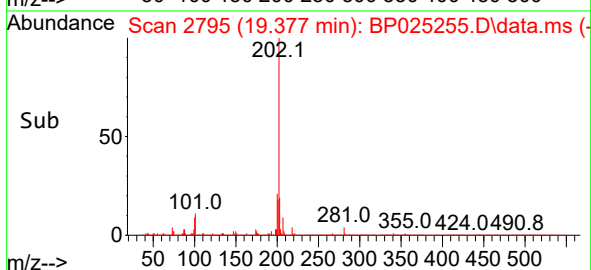
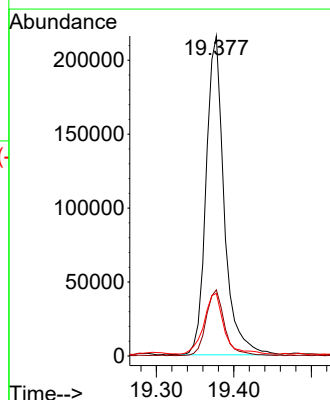
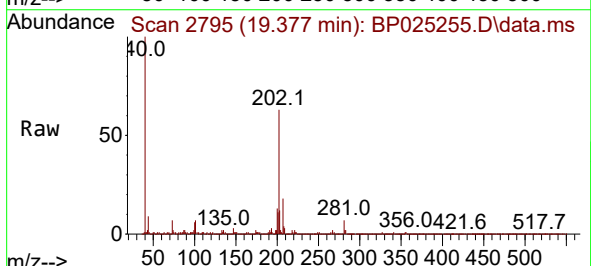
Tgt Ion:202 Resp: 350000

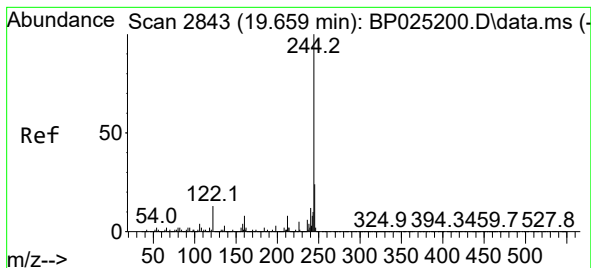
Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

203 19.6 14.3 21.5





#79

Terphenyl-d14

Concen: 39.191 ng

RT: 19.619 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025255.D

Acq: 28 Jul 2025 19:43

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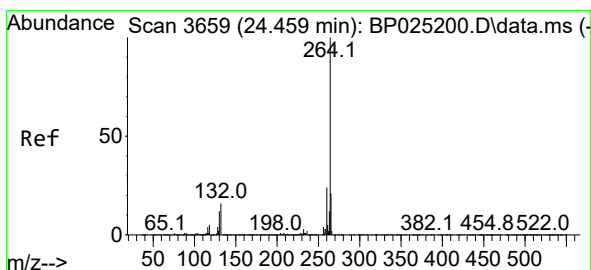
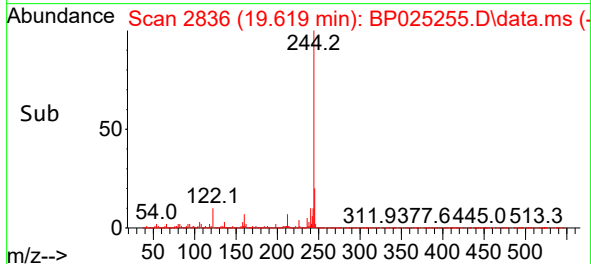
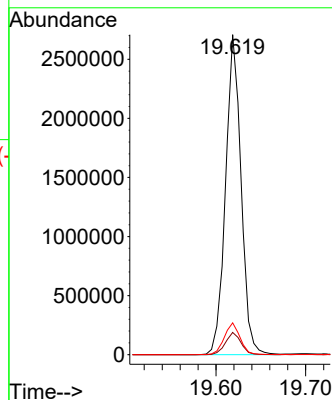
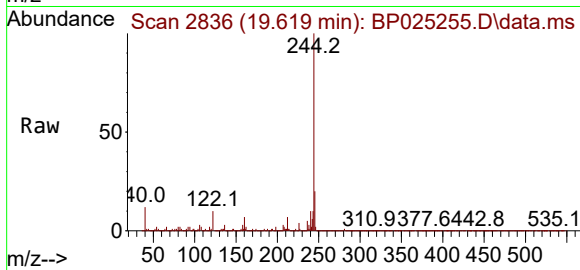
Tgt Ion:244 Resp: 3250884

Ion Ratio Lower Upper

244 100

212 7.0 6.6 9.8

122 10.0 10.3 15.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.365 min Scan# 3643

Delta R.T. 0.035 min

Lab File: BP025255.D

Acq: 28 Jul 2025 19:43

Tgt Ion:264 Resp: 2375731

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.9 17.5 26.3

