

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080125\
 Data File : BP025288.D
 Acq On : 01 Aug 2025 10:49
 Operator : CG/JU
 Sample : PB169066BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169066BL

Quant Time: Aug 01 11:23:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 29 15:28:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	440981	20.000	ng	0.00
21) Naphthalene-d8	10.131	136	1623259	20.000	ng	-0.01
39) Acenaphthene-d10	14.042	164	955613	20.000	ng	0.00
64) Phenanthrene-d10	16.854	188	1840833	20.000	ng	-0.02
76) Chrysene-d12	21.289	240	1880145	20.000	ng	-0.02
86) Perylene-d12	24.401	264	2146201	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3465084	132.766	ng	0.00
7) Phenol-d6	6.643	99	4073545	126.019	ng	0.00
23) Nitrobenzene-d5	8.531	82	2531419	86.665	ng	0.00
42) 2,4,6-Tribromophenol	15.584	330	1727725	122.639	ng	0.00
45) 2-Fluorobiphenyl	12.637	172	6131013	90.451	ng	-0.01
79) Terphenyl-d14	19.630	244	8988378	94.372	ng	0.00

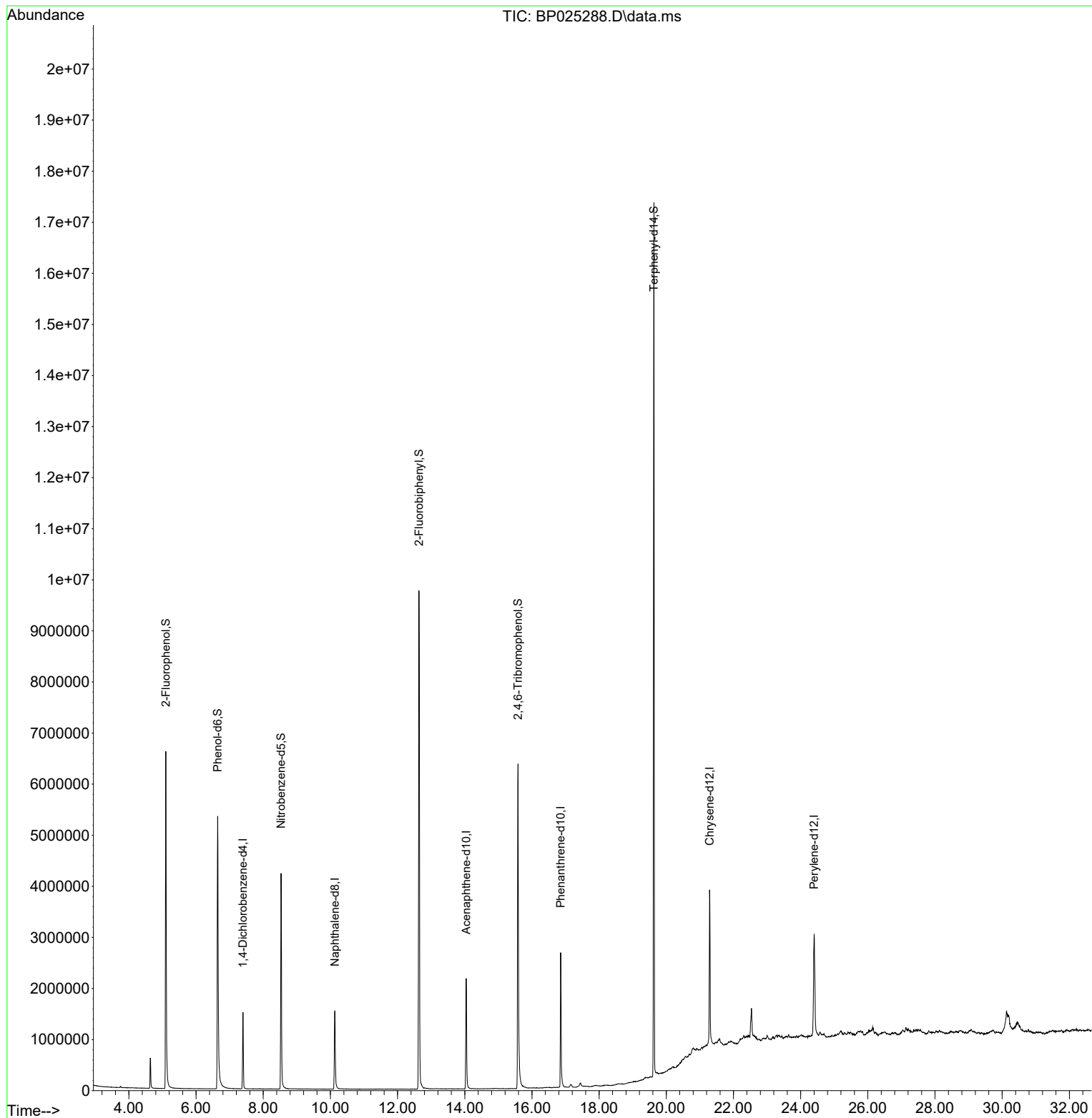
Target Compounds	Qvalue

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

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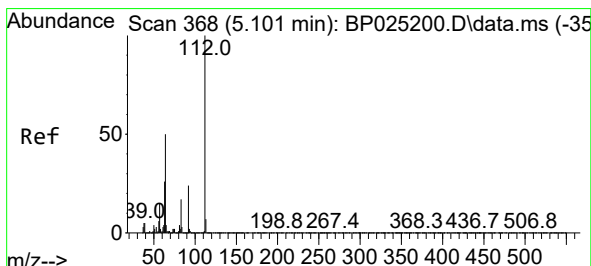
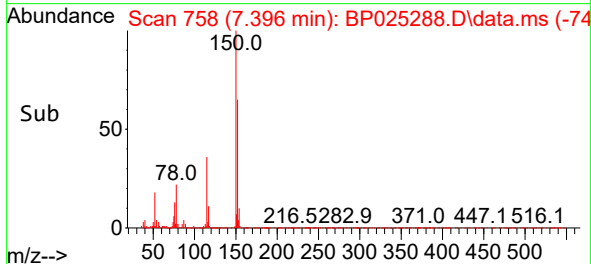
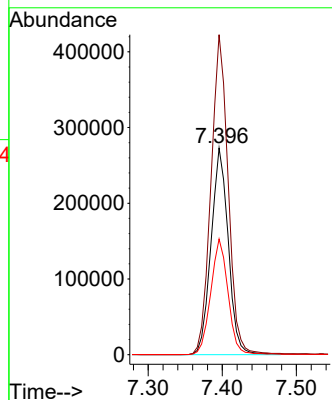
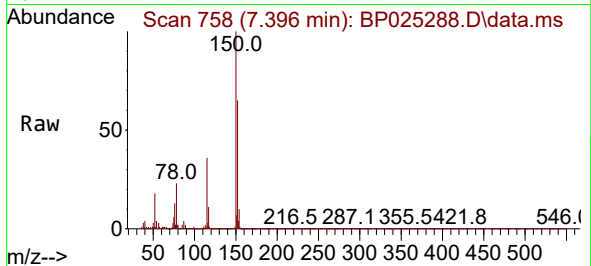




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.396 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025288.D
Acq: 01 Aug 2025 10:49

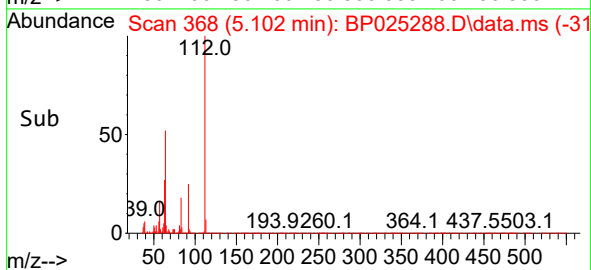
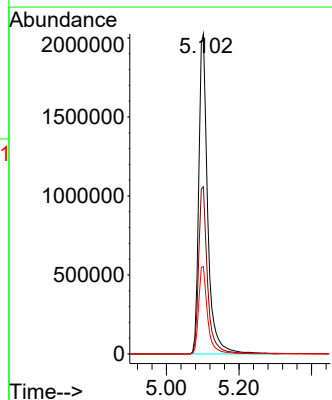
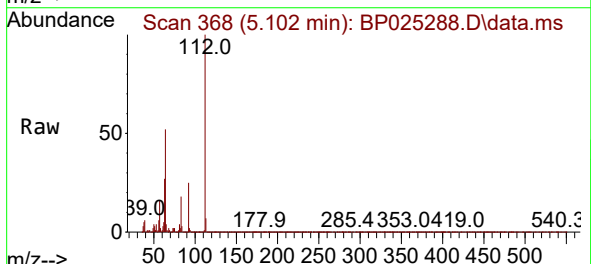
Instrument :
BNA_P
ClientSampleId :
PB169066BL

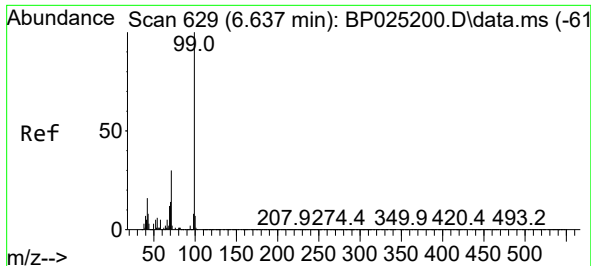
Tgt Ion:152 Resp: 440981
Ion Ratio Lower Upper
152 100
150 154.8 121.9 182.9
115 56.0 43.0 64.6



#5
2-Fluorophenol
Concen: 132.766 ng
RT: 5.102 min Scan# 368
Delta R.T. -0.006 min
Lab File: BP025288.D
Acq: 01 Aug 2025 10:49

Tgt Ion:112 Resp: 3465084
Ion Ratio Lower Upper
112 100
64 52.2 39.8 59.6
63 27.3 20.5 30.7

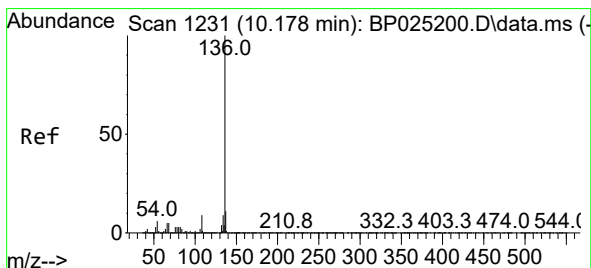
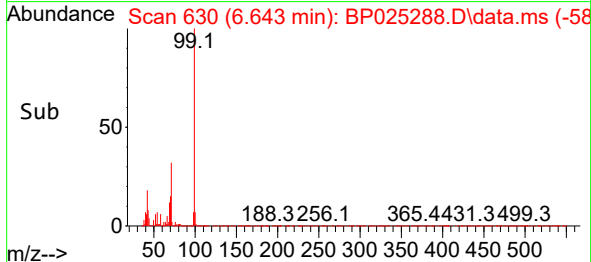
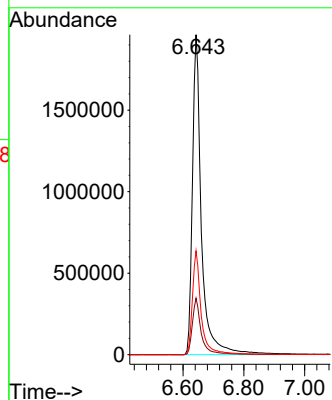
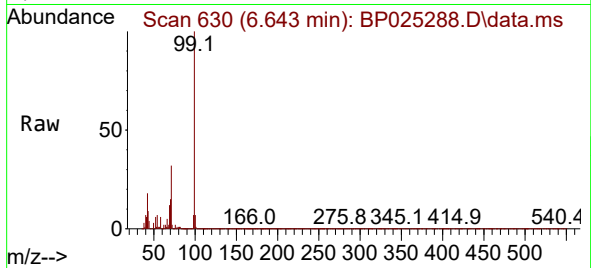




#7
Phenol-d6
Concen: 126.019 ng
RT: 6.643 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025288.D
Acq: 01 Aug 2025 10:49

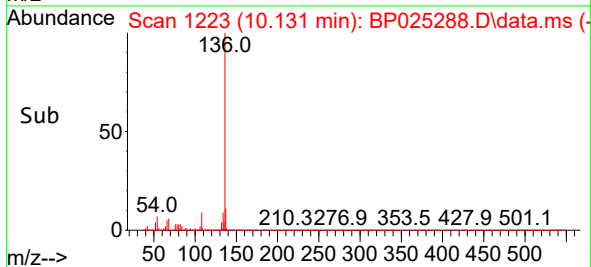
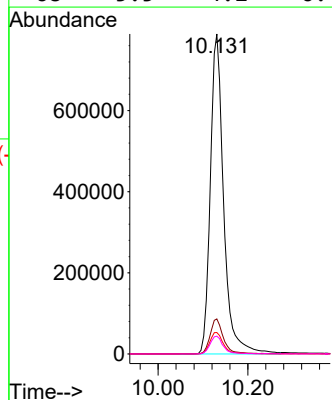
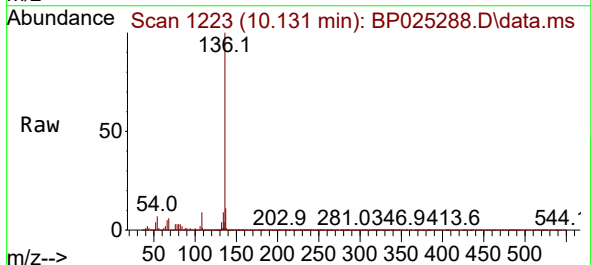
Instrument :
BNA_P
ClientSampleId :
PB169066BL

Tgt Ion: 99 Resp: 4073545
Ion Ratio Lower Upper
99 100
42 17.7 12.5 18.7
71 32.5 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.131 min Scan# 1223
Delta R.T. -0.012 min
Lab File: BP025288.D
Acq: 01 Aug 2025 10:49

Tgt Ion: 136 Resp: 1623259
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.1 7.7
68 5.5 4.2 6.4

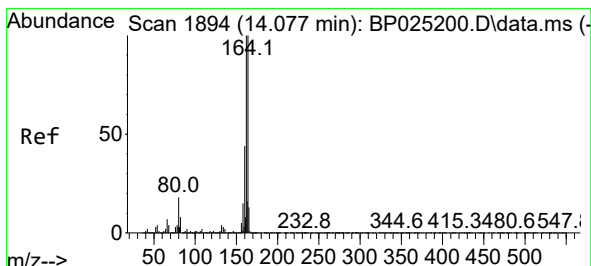
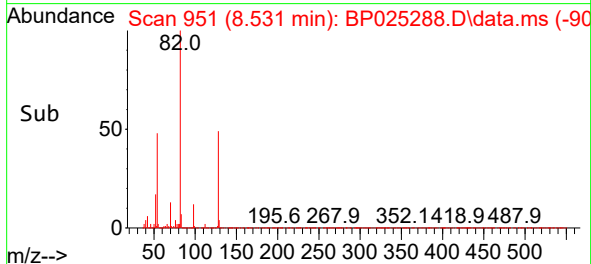
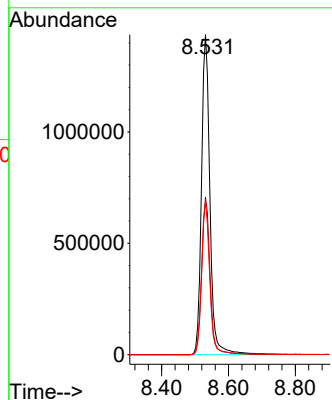
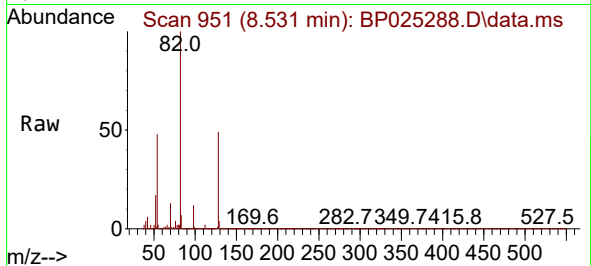




#23
Nitrobenzene-d5
Concen: 86.665 ng
RT: 8.531 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025288.D
Acq: 01 Aug 2025 10:49

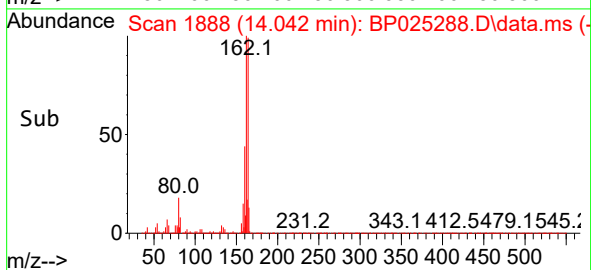
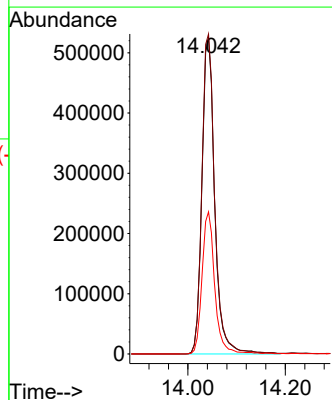
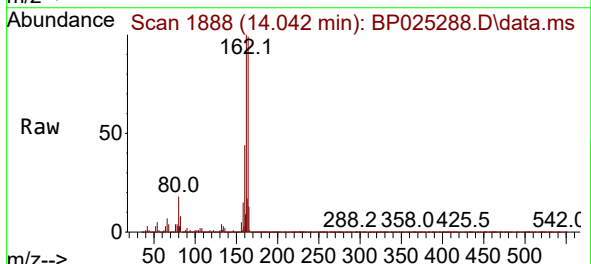
Instrument :
BNA_P
ClientSampleId :
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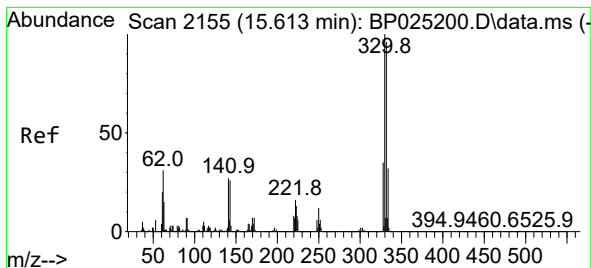
Tgt Ion: 82 Resp: 2531419
Ion Ratio Lower Upper
82 100
128 49.3 40.2 60.4
54 47.8 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.042 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP025288.D
Acq: 01 Aug 2025 10:49

Tgt Ion: 164 Resp: 955613
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 44.9 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 122.639 ng

RT: 15.584 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025288.D

Acq: 01 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

PB169066BL

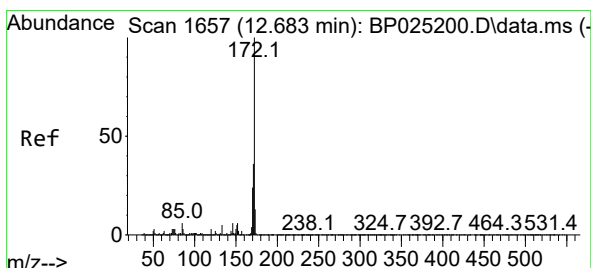
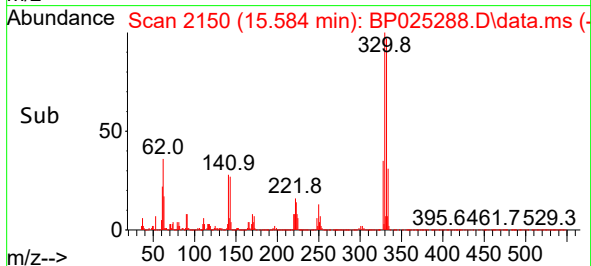
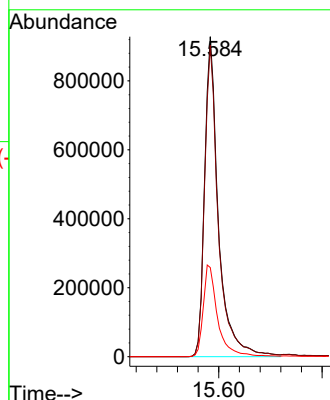
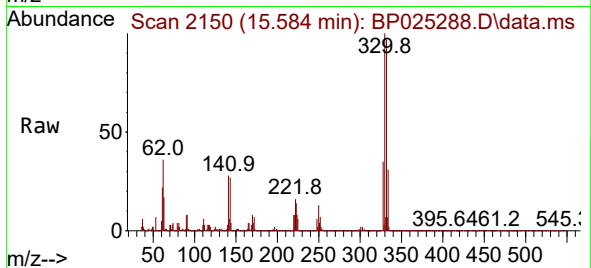
Tgt Ion:330 Resp: 1727725

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 29.8 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 90.451 ng

RT: 12.637 min Scan# 1649

Delta R.T. -0.012 min

Lab File: BP025288.D

Acq: 01 Aug 2025 10:49

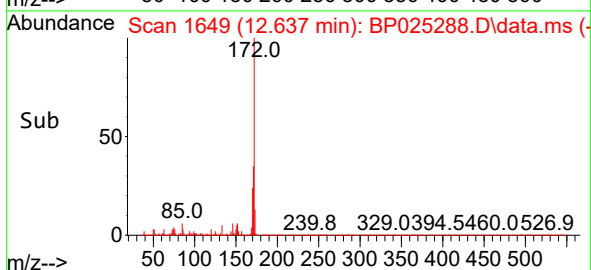
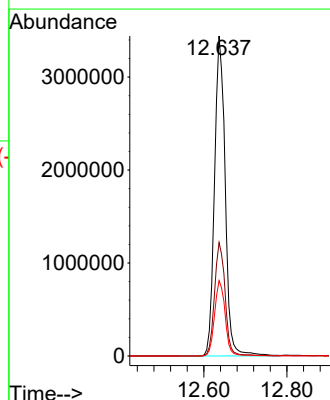
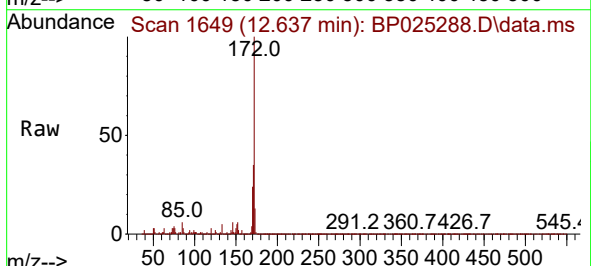
Tgt Ion:172 Resp: 6131013

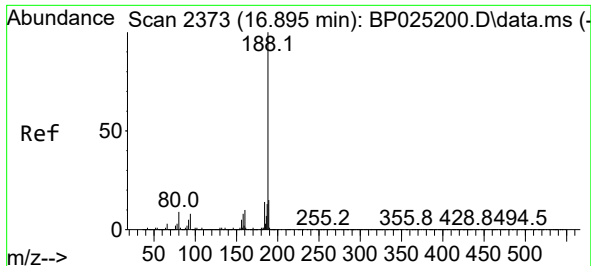
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.5 19.2 28.8

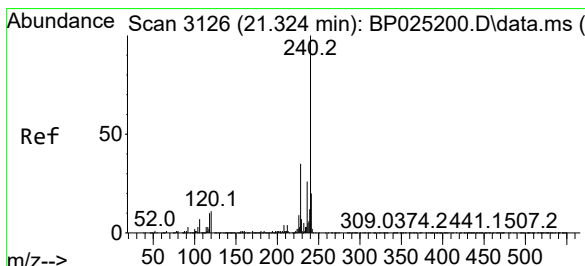
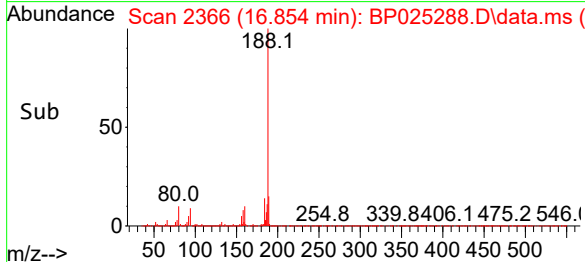
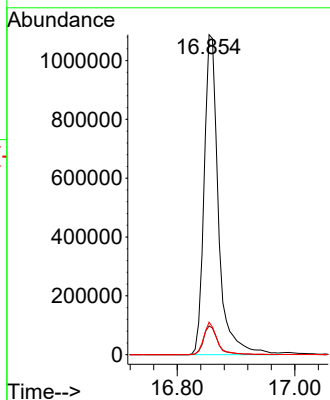
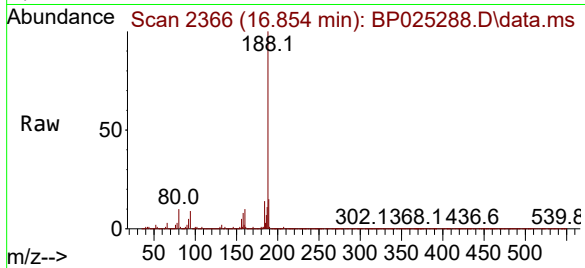




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.854 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP025288.D
Acq: 01 Aug 2025 10:49

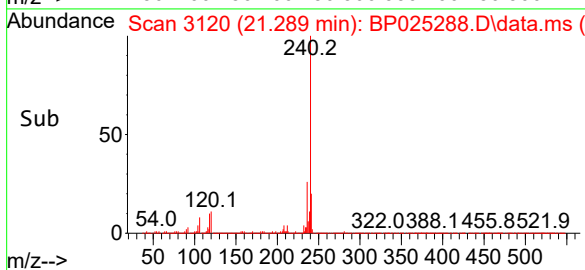
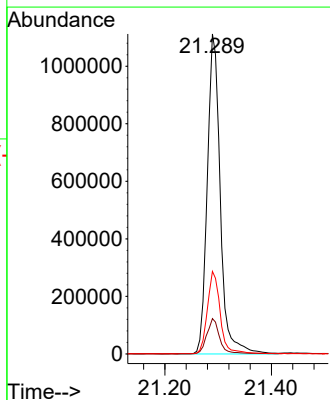
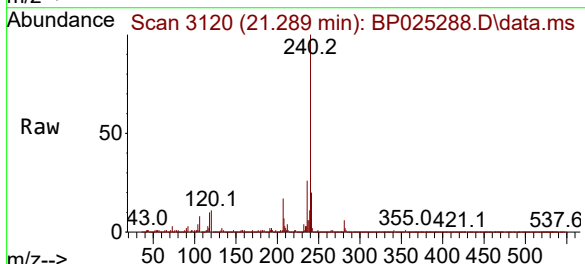
Instrument :
BNA_P
ClientSampleId :
PB169066BL

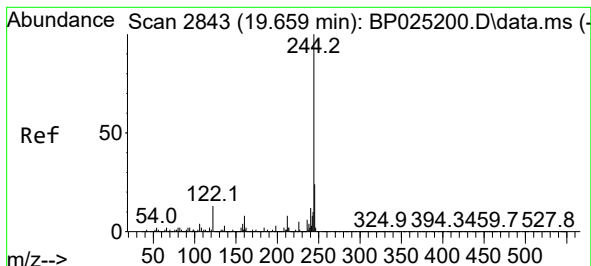
Tgt Ion:188 Resp: 1840833
Ion Ratio Lower Upper
188 100
94 9.0 6.8 10.2
80 10.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.289 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BP025288.D
Acq: 01 Aug 2025 10:49

Tgt Ion:240 Resp: 1880145
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 94.372 ng

RT: 19.630 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025288.D

Acq: 01 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

PB169066BL

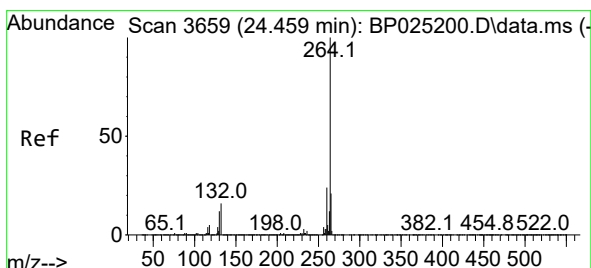
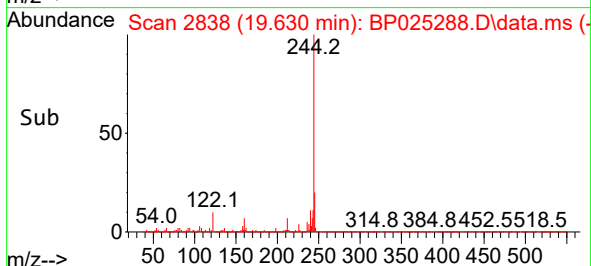
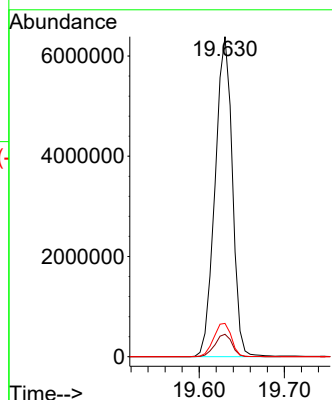
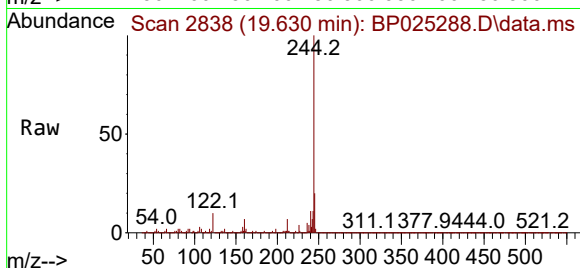
Tgt Ion:244 Resp: 8988378

Ion Ratio Lower Upper

244 100

212 7.0 6.6 9.8

122 10.4 10.3 15.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.401 min Scan# 3649

Delta R.T. -0.012 min

Lab File: BP025288.D

Acq: 01 Aug 2025 10:49

Tgt Ion:264 Resp: 2146201

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.0 17.5 26.3

