

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080125\
 Data File : BP025292.D
 Acq On : 01 Aug 2025 13:35
 Operator : CG/JU
 Sample : PB169072TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169072TB

Quant Time: Aug 01 13:55:56 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	397092	20.000	ng	0.00
21) Naphthalene-d8	10.131	136	1460140	20.000	ng	-0.01
39) Acenaphthene-d10	14.037	164	861708	20.000	ng	-0.01
64) Phenanthrene-d10	16.866	188	1655825	20.000	ng	-0.01
76) Chrysene-d12	21.295	240	1834245	20.000	ng	-0.01
86) Perylene-d12	24.395	264	2078897	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	3020830	128.537	ng	-0.01
7) Phenol-d6	6.643	99	3512043	120.657	ng	0.00
23) Nitrobenzene-d5	8.531	82	2189954	83.350	ng	0.00
42) 2,4,6-Tribromophenol	15.566	330	1474205	116.047	ng	-0.01
45) 2-Fluorobiphenyl	12.637	172	5313477	86.932	ng	-0.01
79) Terphenyl-d14	19.619	244	7989487	85.983	ng	-0.01

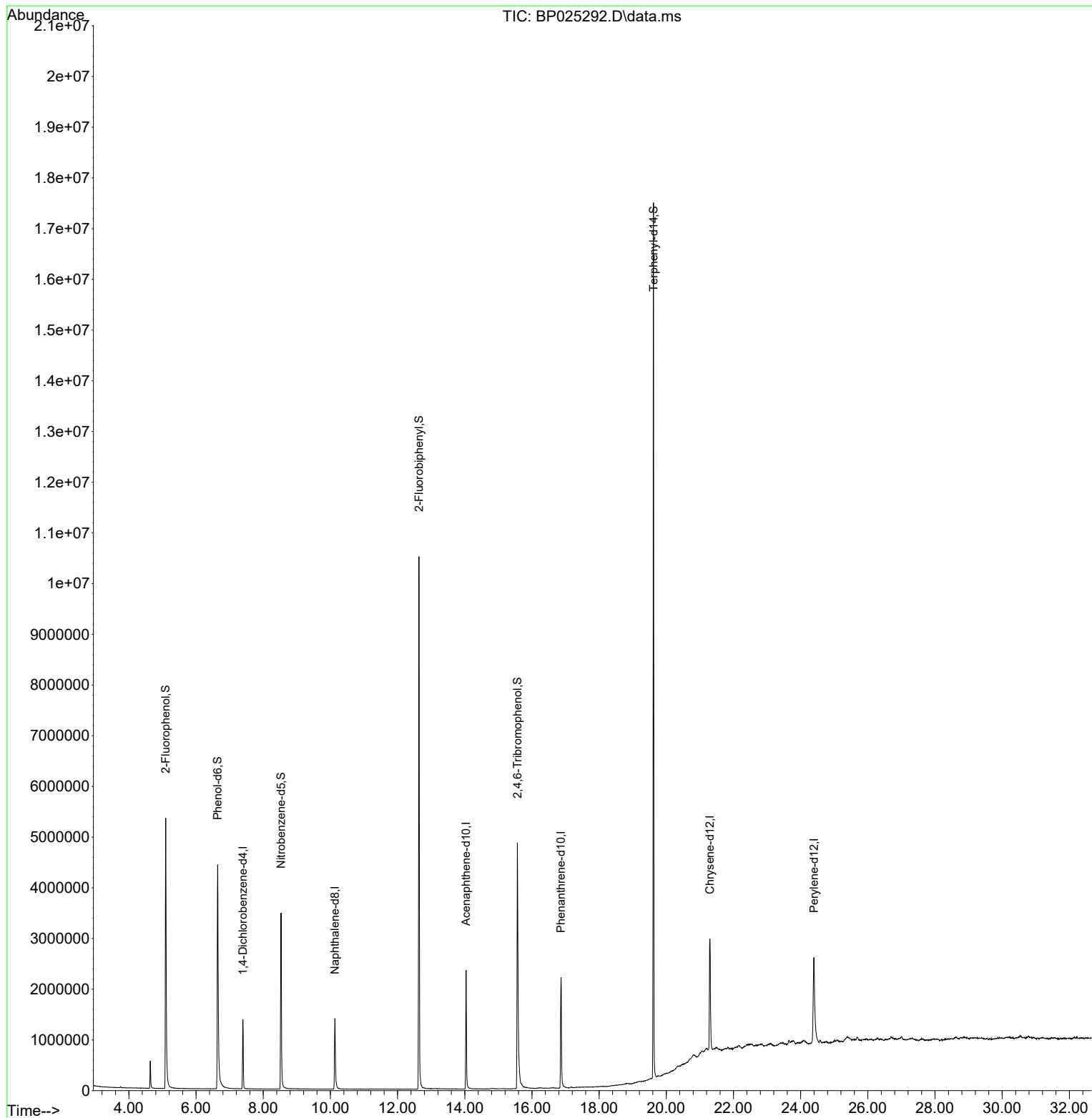
Target Compounds	Qvalue

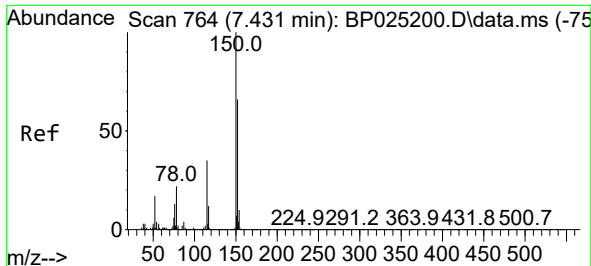
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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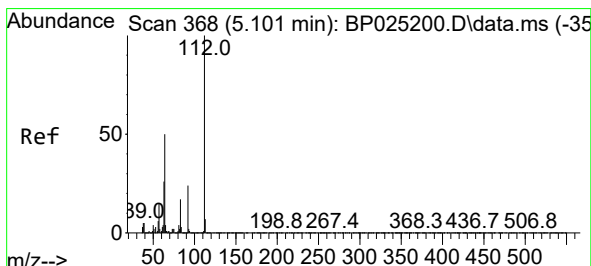
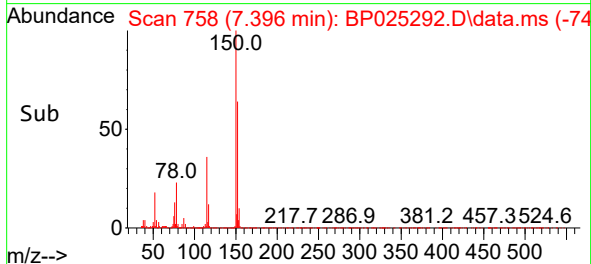
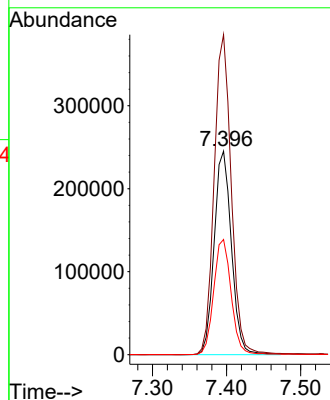
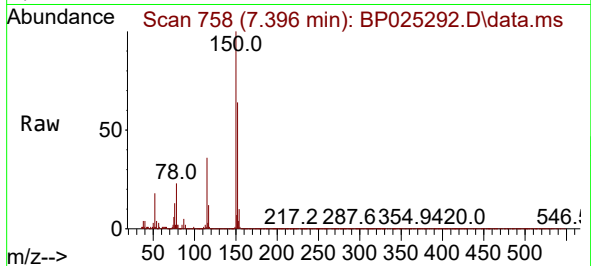




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.396 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP025292.D
 Acq: 01 Aug 2025 13:35

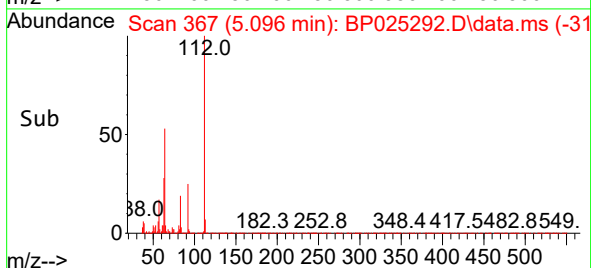
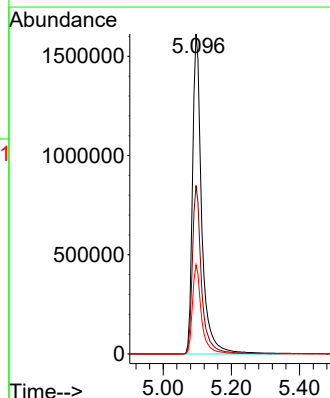
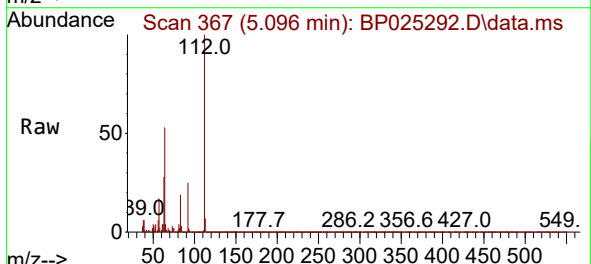
Instrument :
 BNA_P
 ClientSampleId :
 PB169072TB

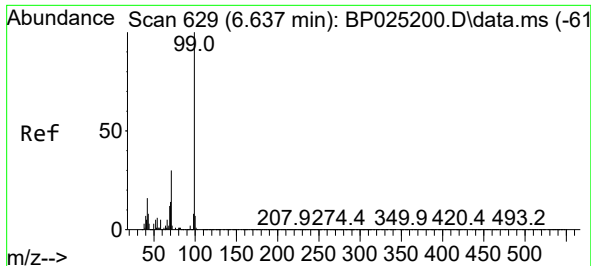
Tgt Ion:152 Resp: 397092
 Ion Ratio Lower Upper
 152 100
 150 157.2 121.9 182.9
 115 56.5 43.0 64.6



#5
 2-Fluorophenol
 Concen: 128.537 ng
 RT: 5.096 min Scan# 367
 Delta R.T. -0.012 min
 Lab File: BP025292.D
 Acq: 01 Aug 2025 13:35

Tgt Ion:112 Resp: 3020830
 Ion Ratio Lower Upper
 112 100
 64 52.7 39.8 59.6
 63 27.9 20.5 30.7

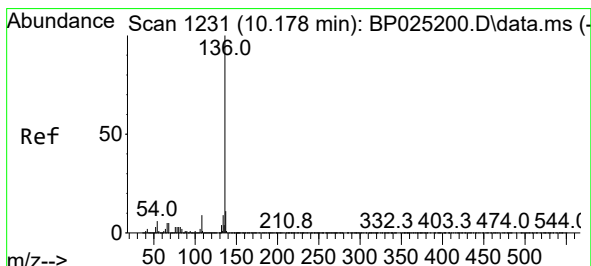
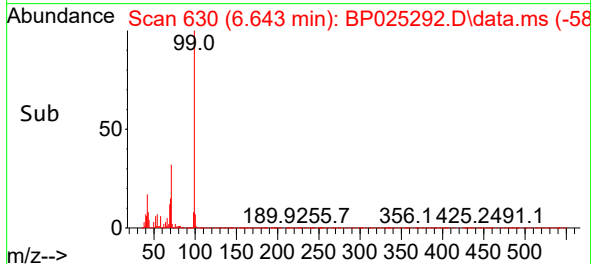
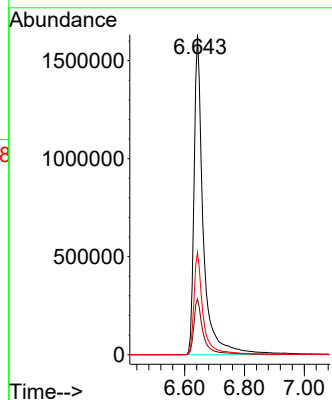
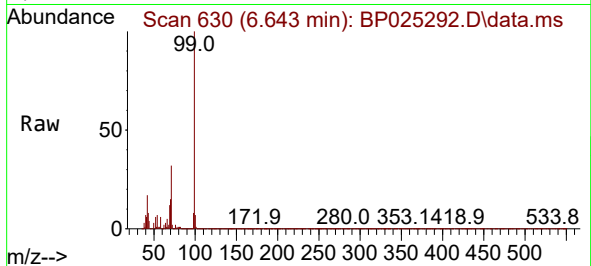




#7
Phenol-d6
Concen: 120.657 ng
RT: 6.643 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025292.D
Acq: 01 Aug 2025 13:35

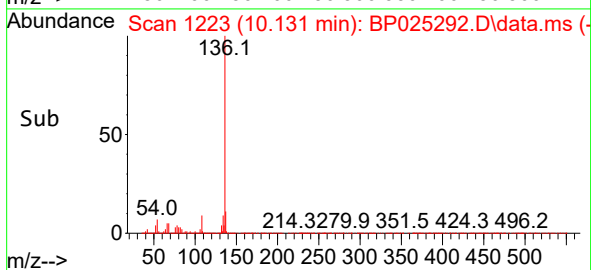
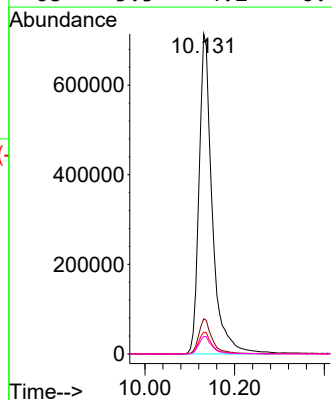
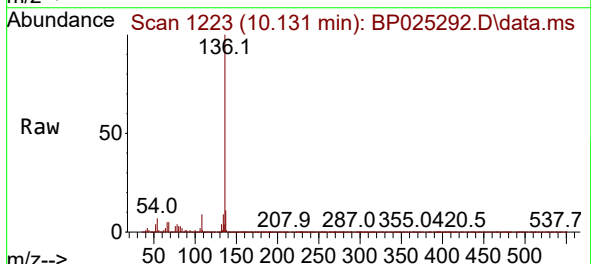
Instrument :
BNA_P
ClientSampleId :
PB169072TB

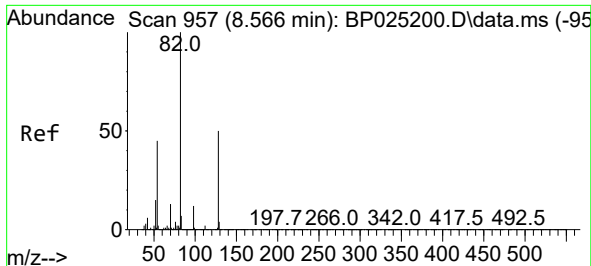
Tgt Ion: 99 Resp: 3512043
Ion Ratio Lower Upper
99 100
42 17.4 12.5 18.7
71 32.0 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.131 min Scan# 1223
Delta R.T. -0.012 min
Lab File: BP025292.D
Acq: 01 Aug 2025 13:35

Tgt Ion: 136 Resp: 1460140
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.8 5.1 7.7
68 5.5 4.2 6.4

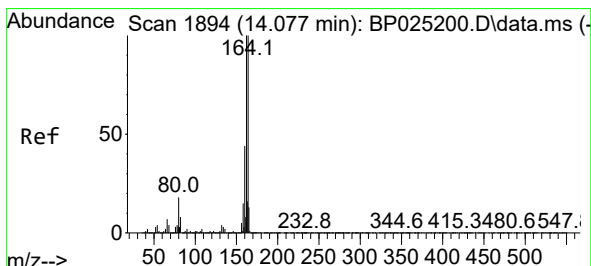
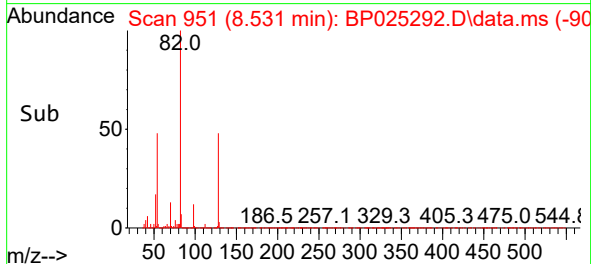
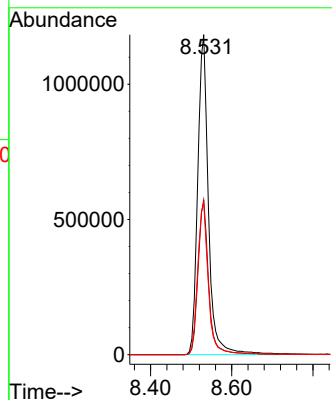
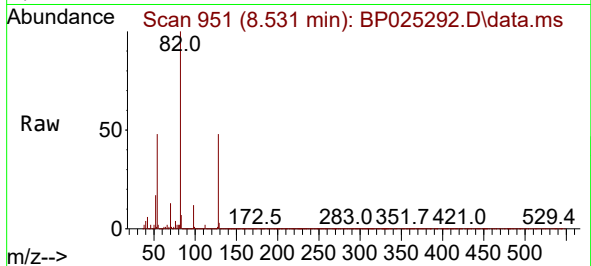




#23
Nitrobenzene-d5
Concen: 83.350 ng
RT: 8.531 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025292.D
Acq: 01 Aug 2025 13:35

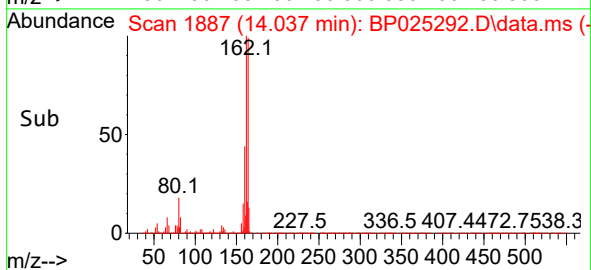
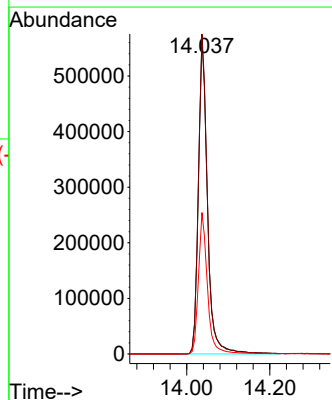
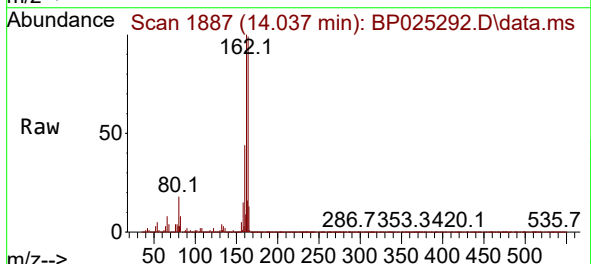
Instrument :
BNA_P
ClientSampleId :
PB169072TB

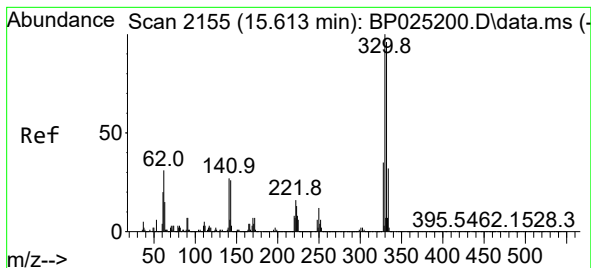
Tgt Ion: 82 Resp: 2189954
Ion Ratio Lower Upper
82 100
128 48.4 40.2 60.4
54 47.5 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.037 min Scan# 1887
Delta R.T. -0.012 min
Lab File: BP025292.D
Acq: 01 Aug 2025 13:35

Tgt Ion: 164 Resp: 861708
Ion Ratio Lower Upper
164 100
162 101.4 80.3 120.5
160 44.8 35.7 53.5

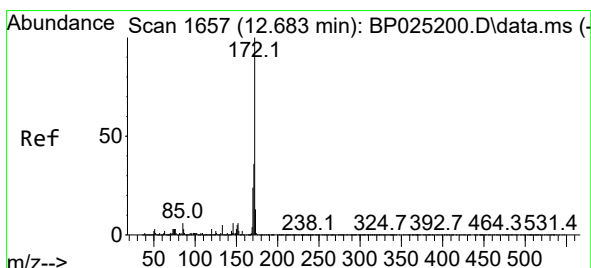
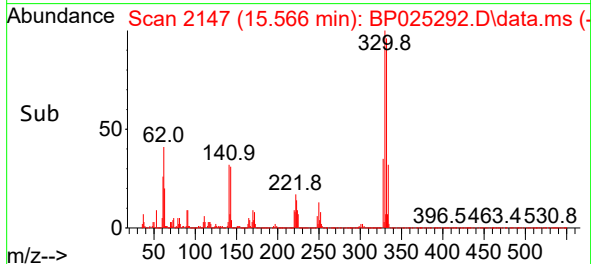
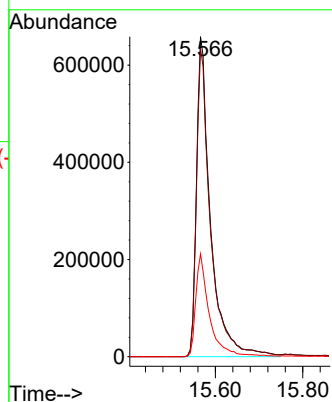
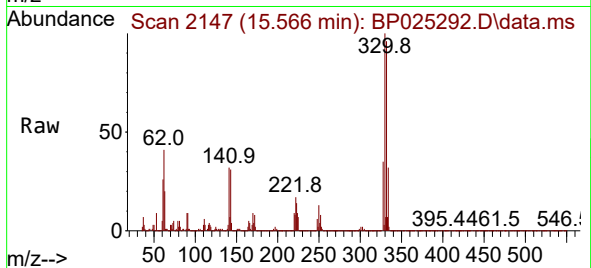




#42
2,4,6-Tribromophenol
Concen: 116.047 ng
RT: 15.566 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BP025292.D
Acq: 01 Aug 2025 13:35

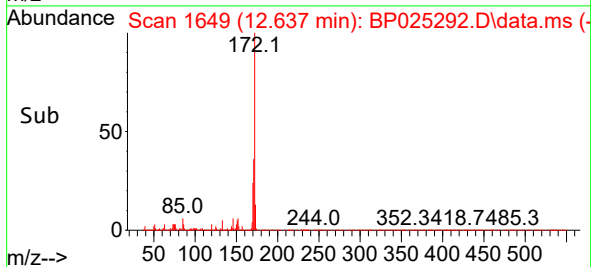
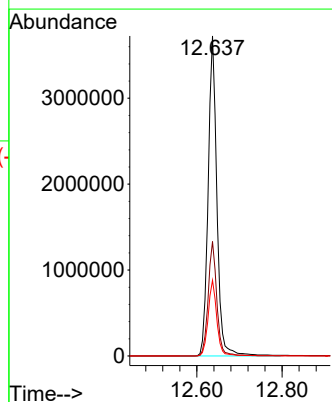
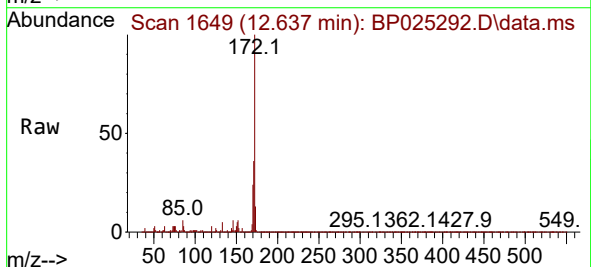
Instrument :
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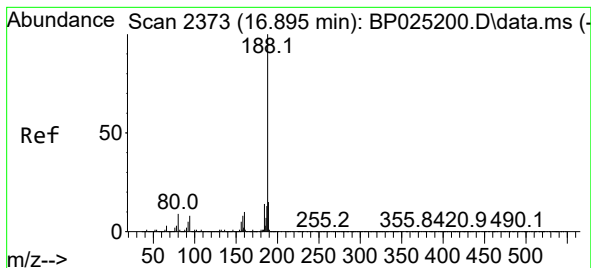
Tgt Ion:330 Resp: 1474205
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 31.1 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 86.932 ng
RT: 12.637 min Scan# 1649
Delta R.T. -0.012 min
Lab File: BP025292.D
Acq: 01 Aug 2025 13:35

Tgt Ion:172 Resp: 5313477
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.7 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.866 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025292.D

Acq: 01 Aug 2025 13:35

Instrument :

BNA_P

ClientSampleId :

PB169072TB

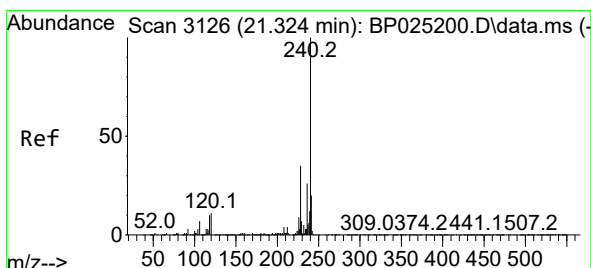
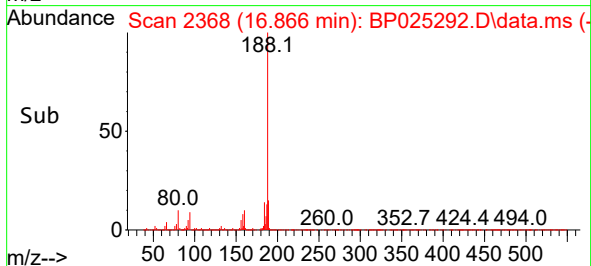
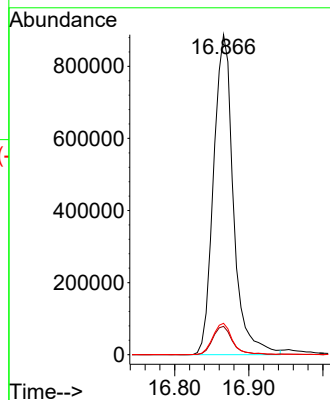
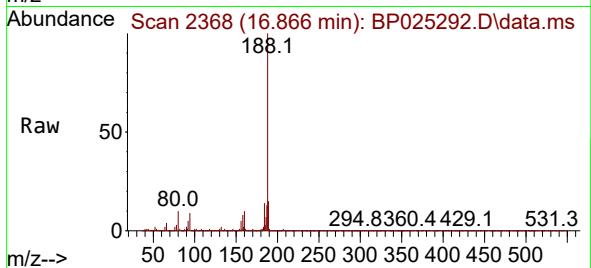
Tgt Ion:188 Resp: 1655825

Ion Ratio Lower Upper

188 100

94 8.9 6.8 10.2

80 9.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.295 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BP025292.D

Acq: 01 Aug 2025 13:35

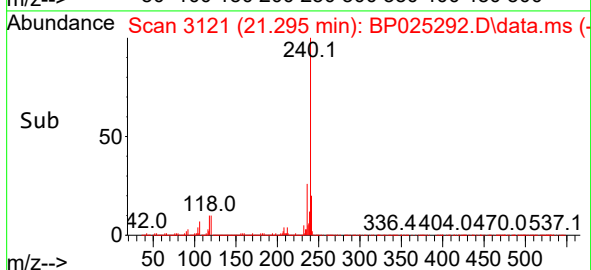
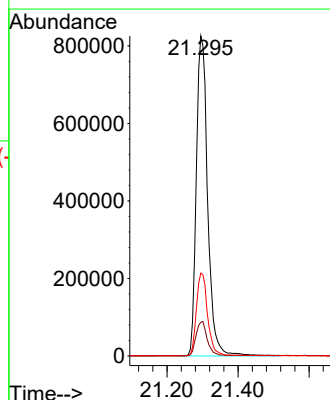
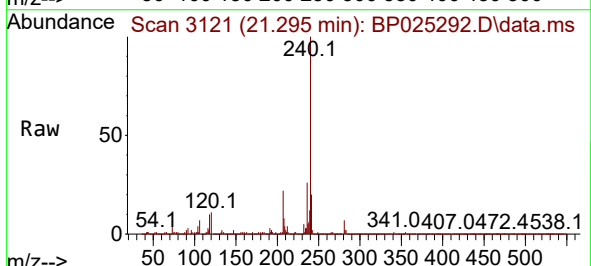
Tgt Ion:240 Resp: 1834245

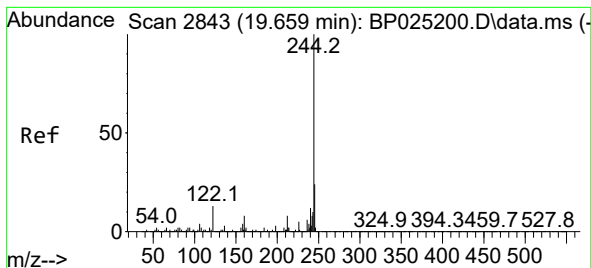
Ion Ratio Lower Upper

240 100

120 10.6 8.8 13.2

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 85.983 ng

RT: 19.619 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025292.D

Acq: 01 Aug 2025 13:35

Instrument :

BNA_P

ClientSampleId :

PB169072TB

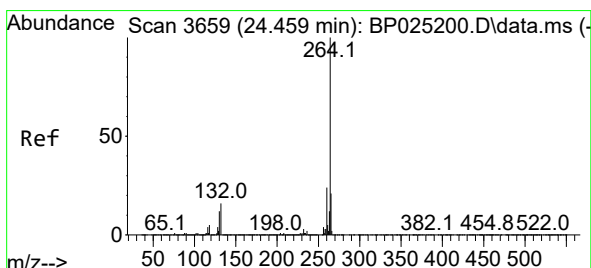
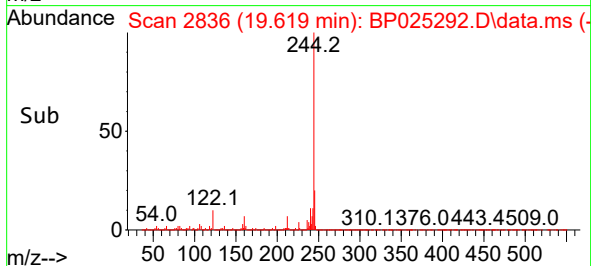
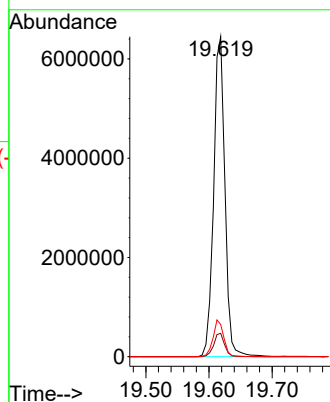
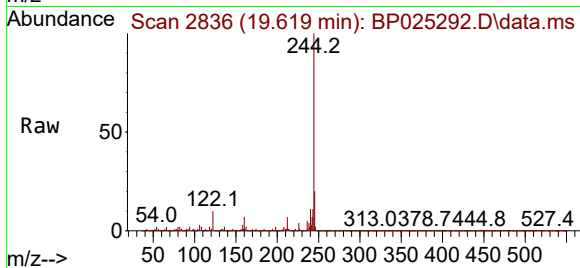
Tgt Ion:244 Resp: 7989487

Ion Ratio Lower Upper

244 100

212 7.3 6.6 9.8

122 10.1 10.3 15.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.395 min Scan# 3648

Delta R.T. -0.018 min

Lab File: BP025292.D

Acq: 01 Aug 2025 13:35

Tgt Ion:264 Resp: 2078897

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.3 17.5 26.3

