

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080125\
 Data File : BP025294.D
 Acq On : 01 Aug 2025 15:05
 Operator : CG/JU
 Sample : PB169087BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169087BL

Quant Time: Aug 01 15:26:40 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	420944	20.000	ng	0.00
21) Naphthalene-d8	10.137	136	1572682	20.000	ng	0.00
39) Acenaphthene-d10	14.037	164	923857	20.000	ng	-0.01
64) Phenanthrene-d10	16.872	188	1805190	20.000	ng	0.00
76) Chrysene-d12	21.295	240	1818931	20.000	ng	-0.01
86) Perylene-d12	24.401	264	2060192	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.090	112	3445466	138.299	ng	-0.02
7) Phenol-d6	6.637	99	4053611	131.372	ng	-0.01
23) Nitrobenzene-d5	8.525	82	2526272	89.270	ng	-0.01
42) 2,4,6-Tribromophenol	15.572	330	1623885	119.231	ng	0.00
45) 2-Fluorobiphenyl	12.637	172	6011485	91.736	ng	-0.01
79) Terphenyl-d14	19.619	244	9007452	97.755	ng	-0.01

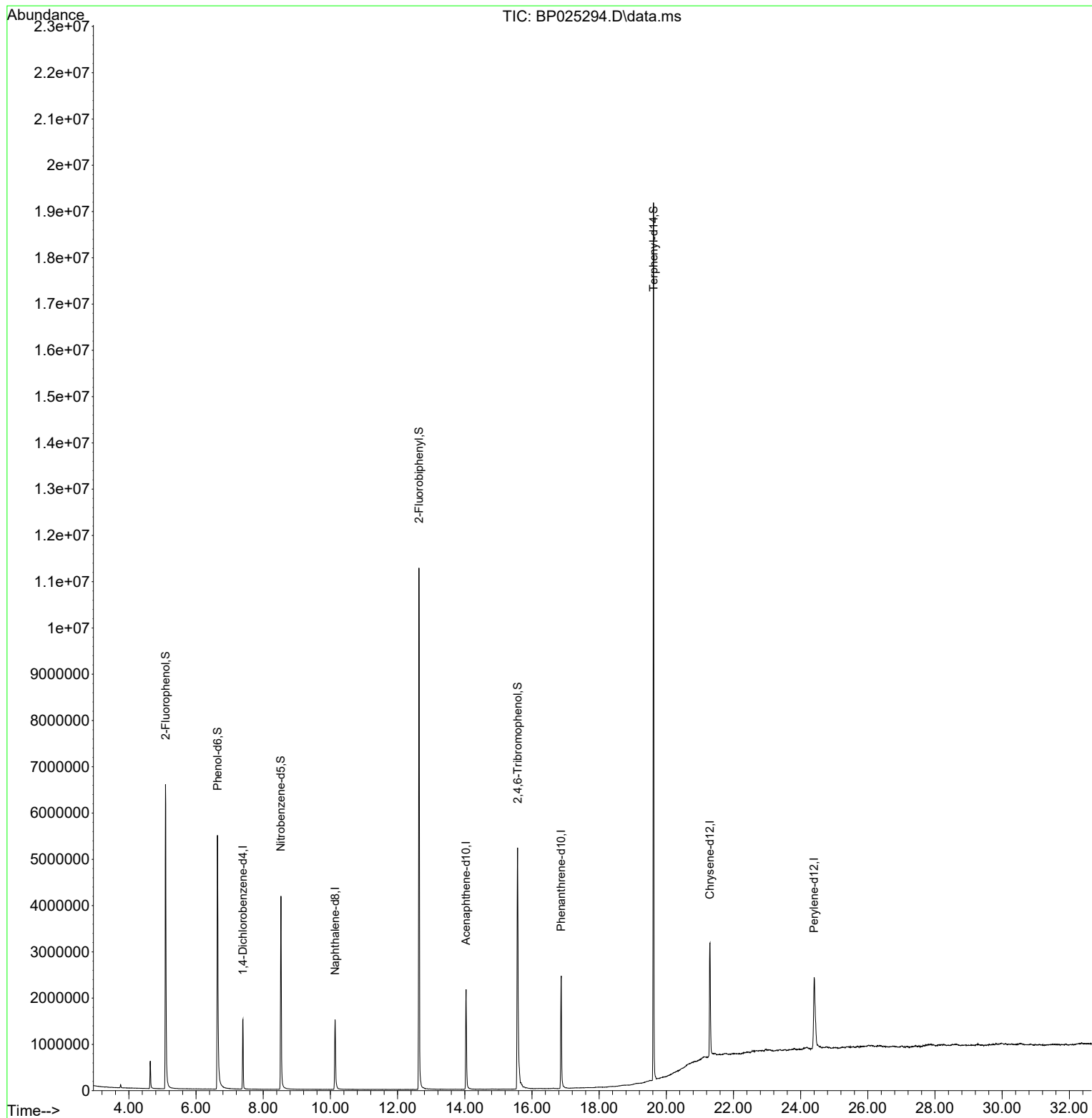
Target Compounds	Qvalue

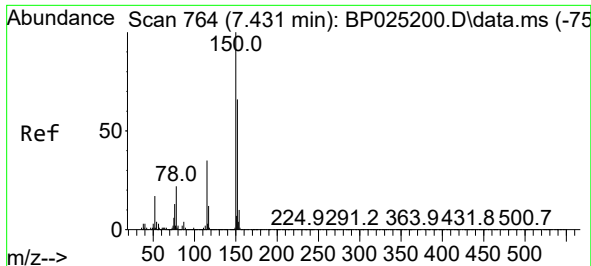
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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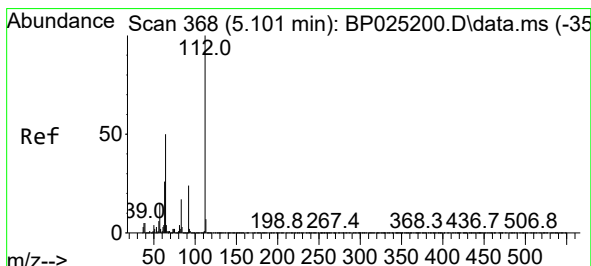
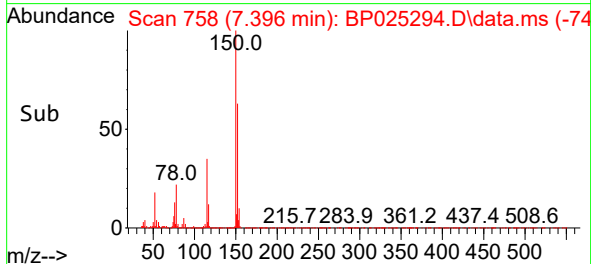
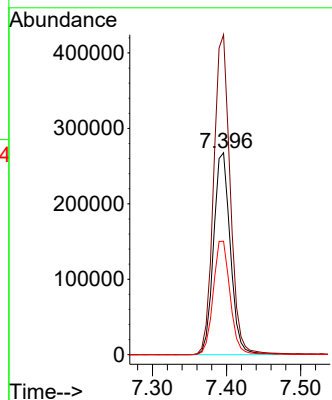
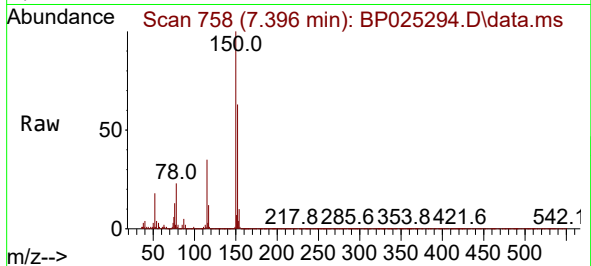




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.396 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025294.D
Acq: 01 Aug 2025 15:05

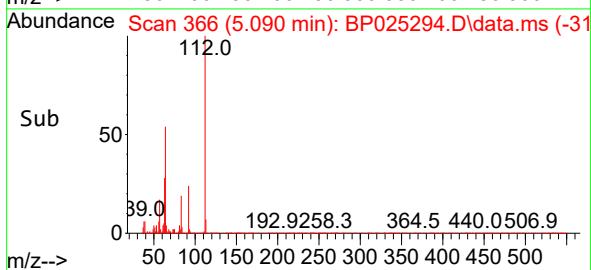
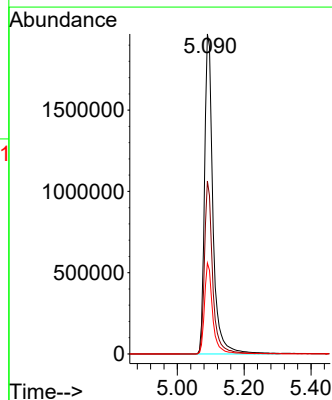
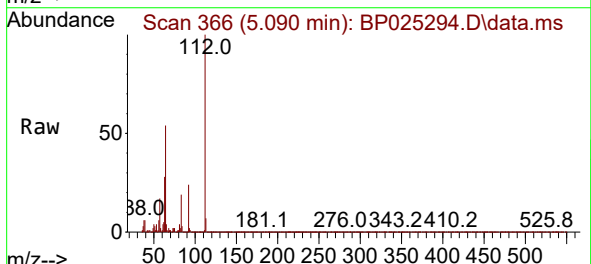
Instrument :
BNA_P
ClientSampleId :
PB169087BL

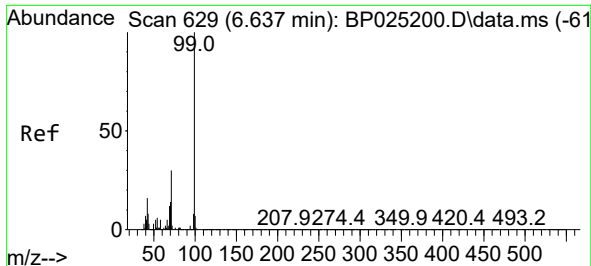
Tgt Ion:152 Resp: 420944
Ion Ratio Lower Upper
152 100
150 158.5 121.9 182.9
115 56.2 43.0 64.6



#5
2-Fluorophenol
Concen: 138.299 ng
RT: 5.090 min Scan# 366
Delta R.T. -0.018 min
Lab File: BP025294.D
Acq: 01 Aug 2025 15:05

Tgt Ion:112 Resp: 3445466
Ion Ratio Lower Upper
112 100
64 54.0 39.8 59.6
63 28.4 20.5 30.7

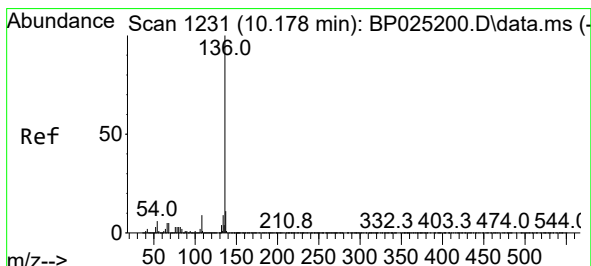
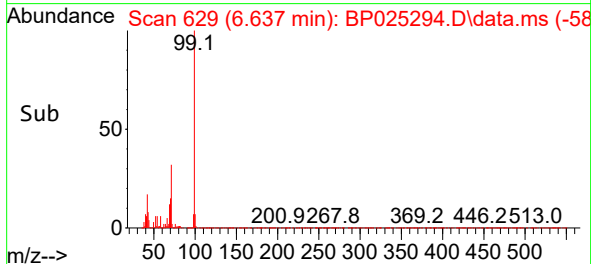
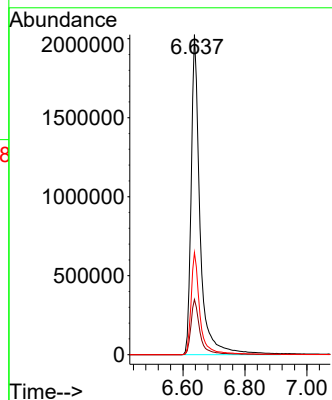
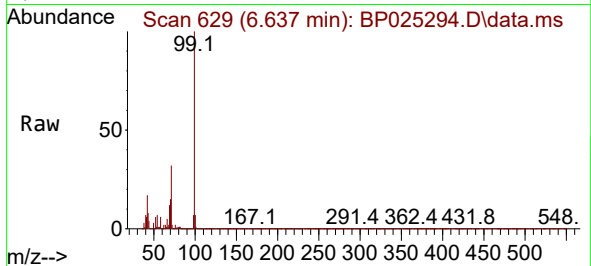




#7
Phenol-d6
Concen: 131.372 ng
RT: 6.637 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025294.D
Acq: 01 Aug 2025 15:05

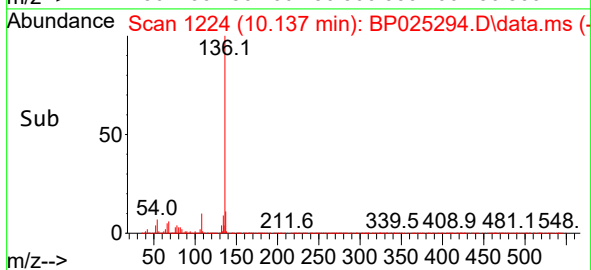
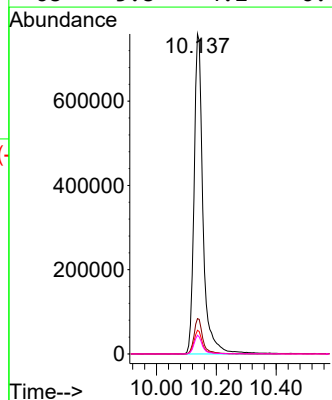
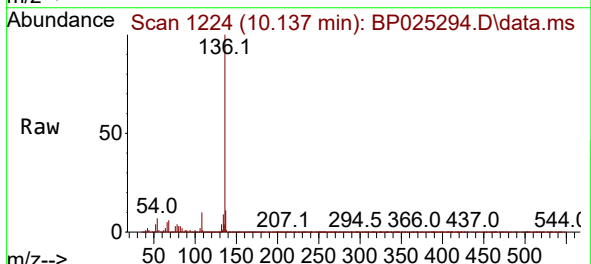
Instrument :
BNA_P
ClientSampleId :
PB169087BL

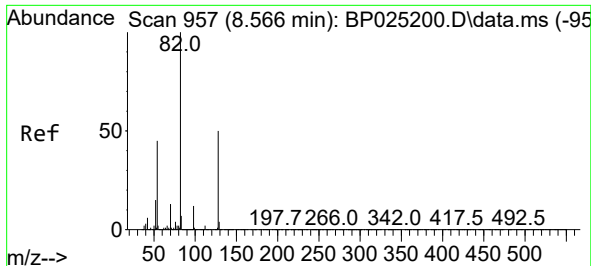
Tgt Ion: 99 Resp: 4053611
Ion Ratio Lower Upper
99 100
42 17.3 12.5 18.7
71 31.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.137 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BP025294.D
Acq: 01 Aug 2025 15:05

Tgt Ion:136 Resp: 1572682
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 5.1 7.7
68 5.8 4.2 6.4

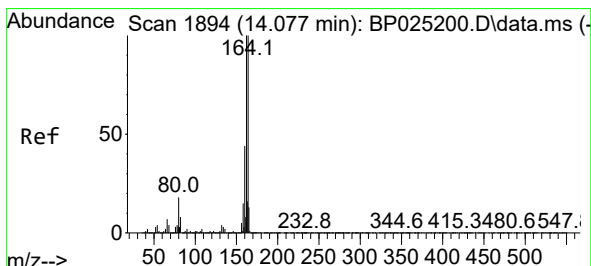
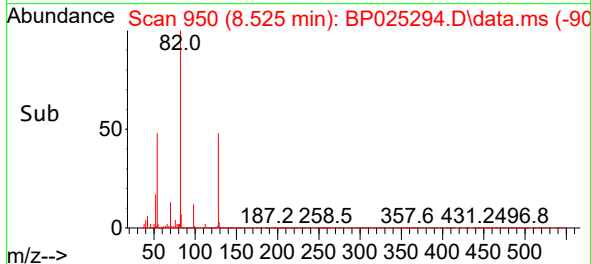
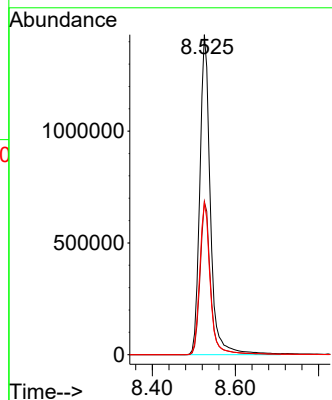
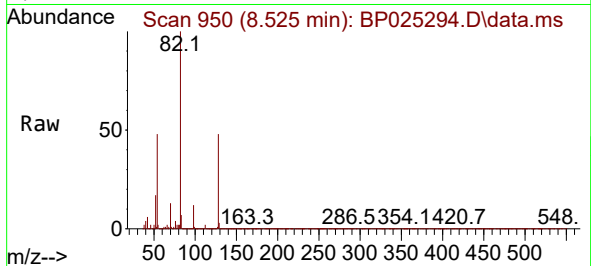




#23
Nitrobenzene-d5
Concen: 89.270 ng
RT: 8.525 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP025294.D
Acq: 01 Aug 2025 15:05

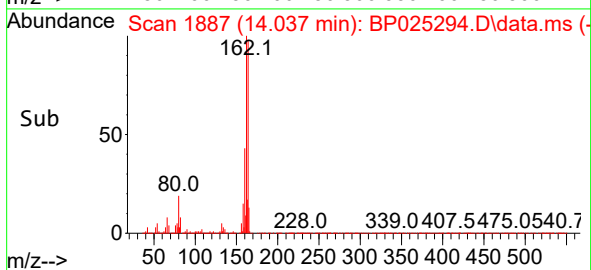
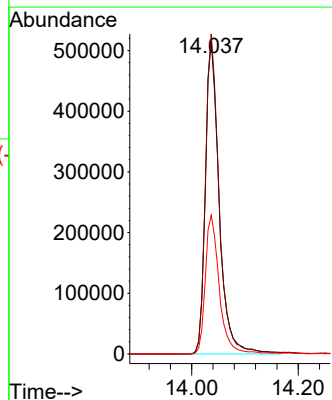
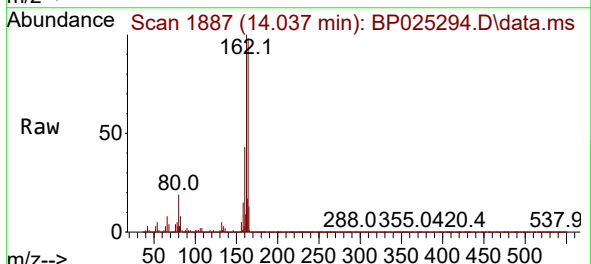
Instrument :
BNA_P
ClientSampleId :
PB169087BL

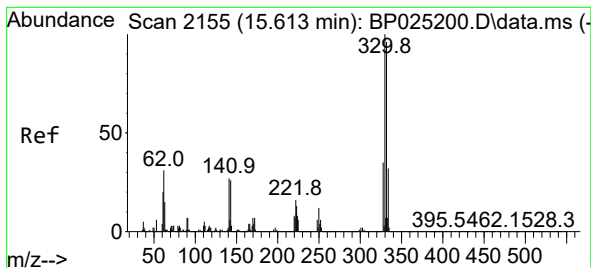
Tgt Ion: 82 Resp: 2526272
Ion Ratio Lower Upper
82 100
128 47.8 40.2 60.4
54 47.5 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.037 min Scan# 1887
Delta R.T. -0.012 min
Lab File: BP025294.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 164 Resp: 923857
Ion Ratio Lower Upper
164 100
162 102.2 80.3 120.5
160 44.3 35.7 53.5

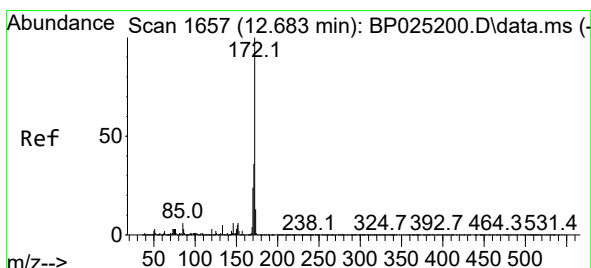
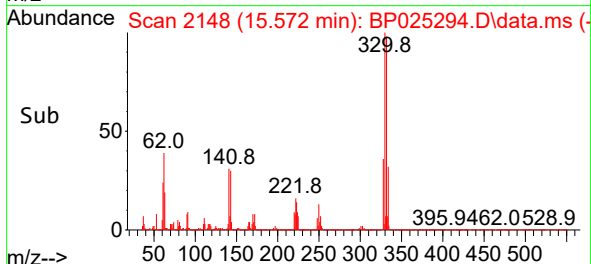
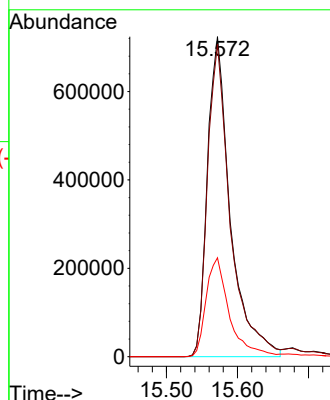
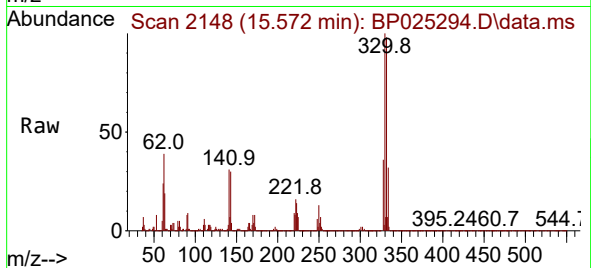




#42
2,4,6-Tribromophenol
Concen: 119.231 ng
RT: 15.572 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025294.D
Acq: 01 Aug 2025 15:05

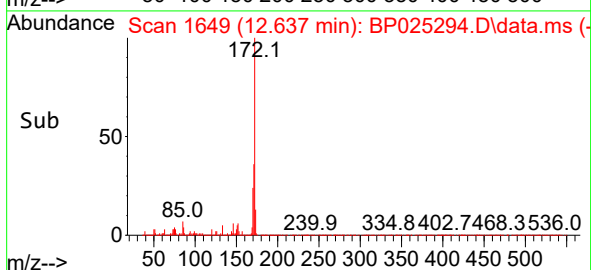
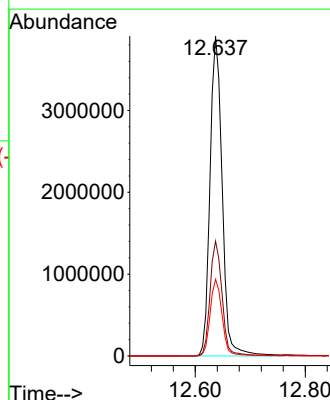
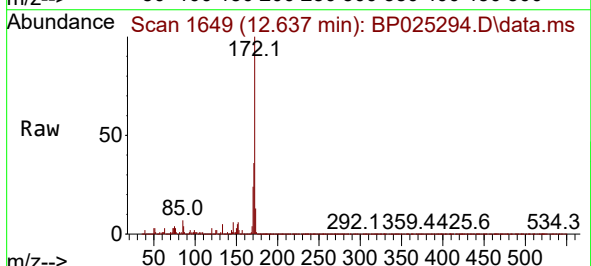
Instrument :
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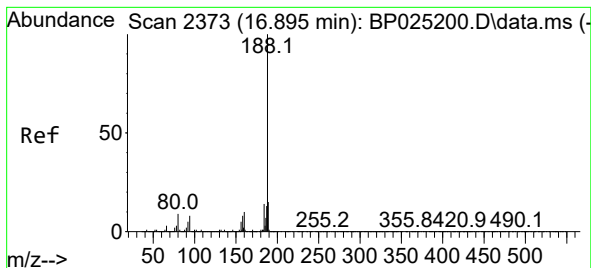
Tgt Ion:330 Resp: 1623885
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.3 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 91.736 ng
RT: 12.637 min Scan# 1649
Delta R.T. -0.012 min
Lab File: BP025294.D
Acq: 01 Aug 2025 15:05

Tgt Ion:172 Resp: 6011485
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.9 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.872 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025294.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_P

ClientSampleId :

PB169087BL

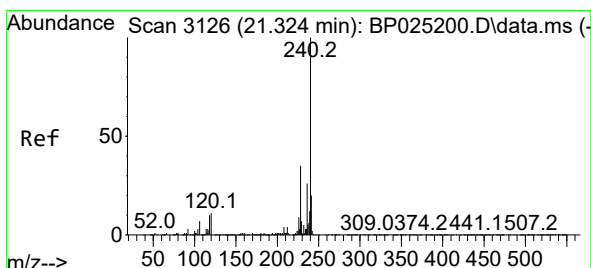
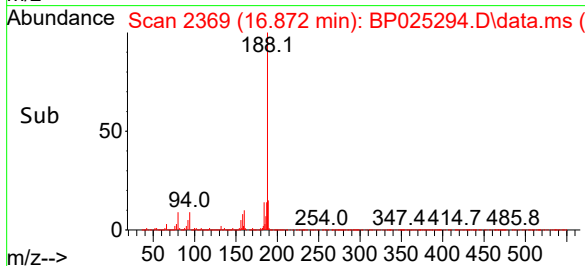
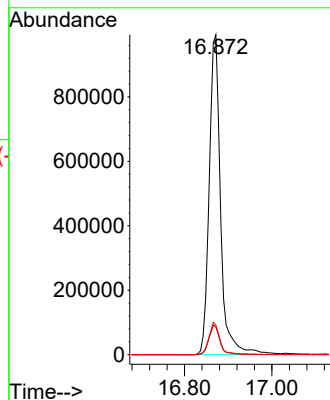
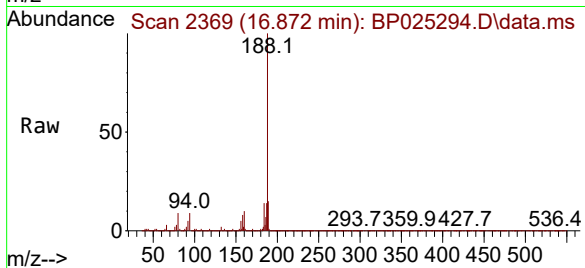
Tgt Ion:188 Resp: 1805190

Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

80 9.2 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: BP025294.D

Acq: 01 Aug 2025 15:05

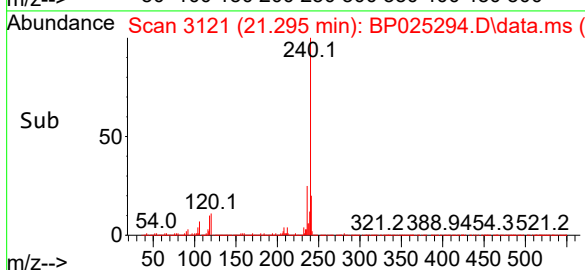
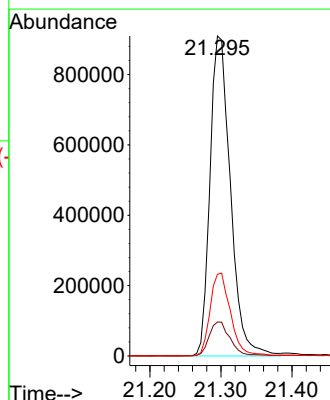
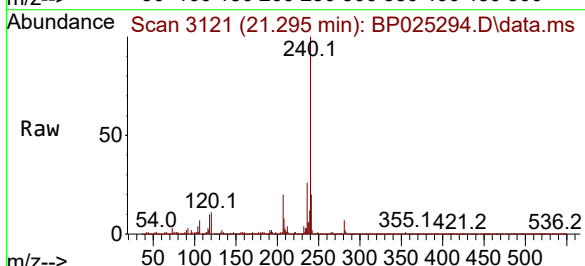
Tgt Ion:240 Resp: 1818931

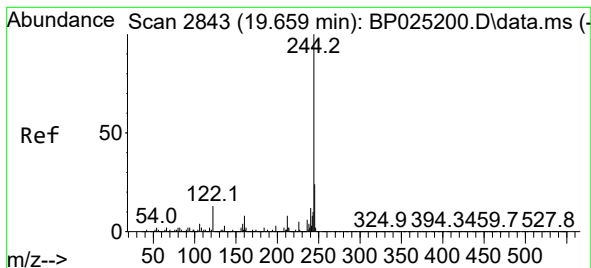
Ion Ratio Lower Upper

240 100

120 10.6 8.8 13.2

236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 97.755 ng

RT: 19.619 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025294.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_P

ClientSampleId :

PB169087BL

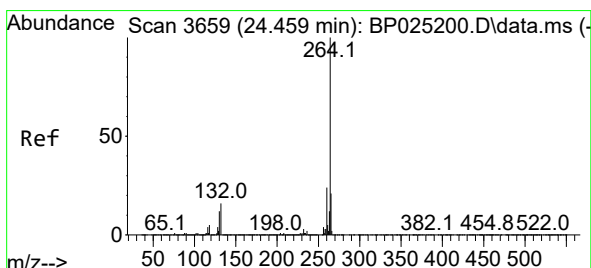
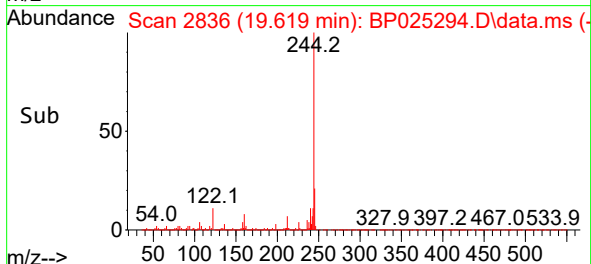
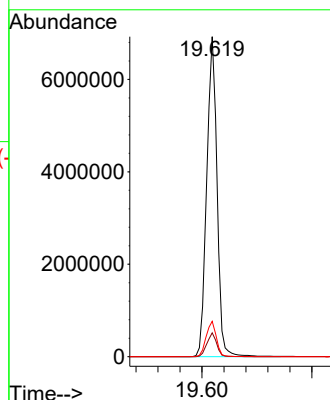
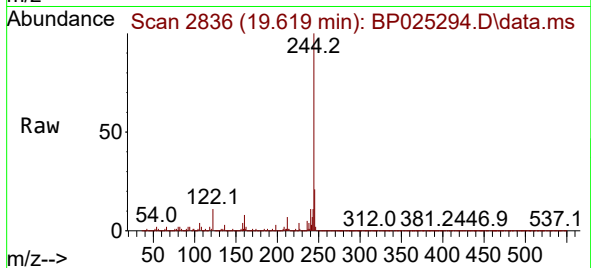
Tgt Ion:244 Resp: 9007452

Ion Ratio Lower Upper

244 100

212 7.5 6.6 9.8

122 11.0 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: BP025294.D

Acq: 01 Aug 2025 15:05

Tgt Ion:264 Resp: 2060192

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 22.1 17.5 26.3

