

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072925\
 Data File : BP025264.D
 Acq On : 29 Jul 2025 16:39
 Operator : CG/JU
 Sample : PB169020TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169020TB

Quant Time: Jul 29 16:59:09 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	7.402	152	366228	20.000	ng	0.00
21) Naphthalene-d8	10.143	136	1400938	20.000	ng	0.00
39) Acenaphthene-d10	14.054	164	898289	20.000	ng	0.00
64) Phenanthrene-d10	16.860	188	1848600	20.000	ng	-0.02
76) Chrysene-d12	21.301	240	2061174	20.000	ng	0.00
86) Perylene-d12	24.401	264	2488334	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2858698	131.890	ng	0.00
7) Phenol-d6	6.655	99	3438245	128.076	ng	0.00
23) Nitrobenzene-d5	8.543	82	2057886	81.633	ng	0.00
42) 2,4,6-Tribromophenol	15.595	330	1662276	125.523	ng	0.02
45) 2-Fluorobiphenyl	12.654	172	5357386	84.081	ng	0.00
79) Terphenyl-d14	19.625	244	9134215	87.480	ng	0.00

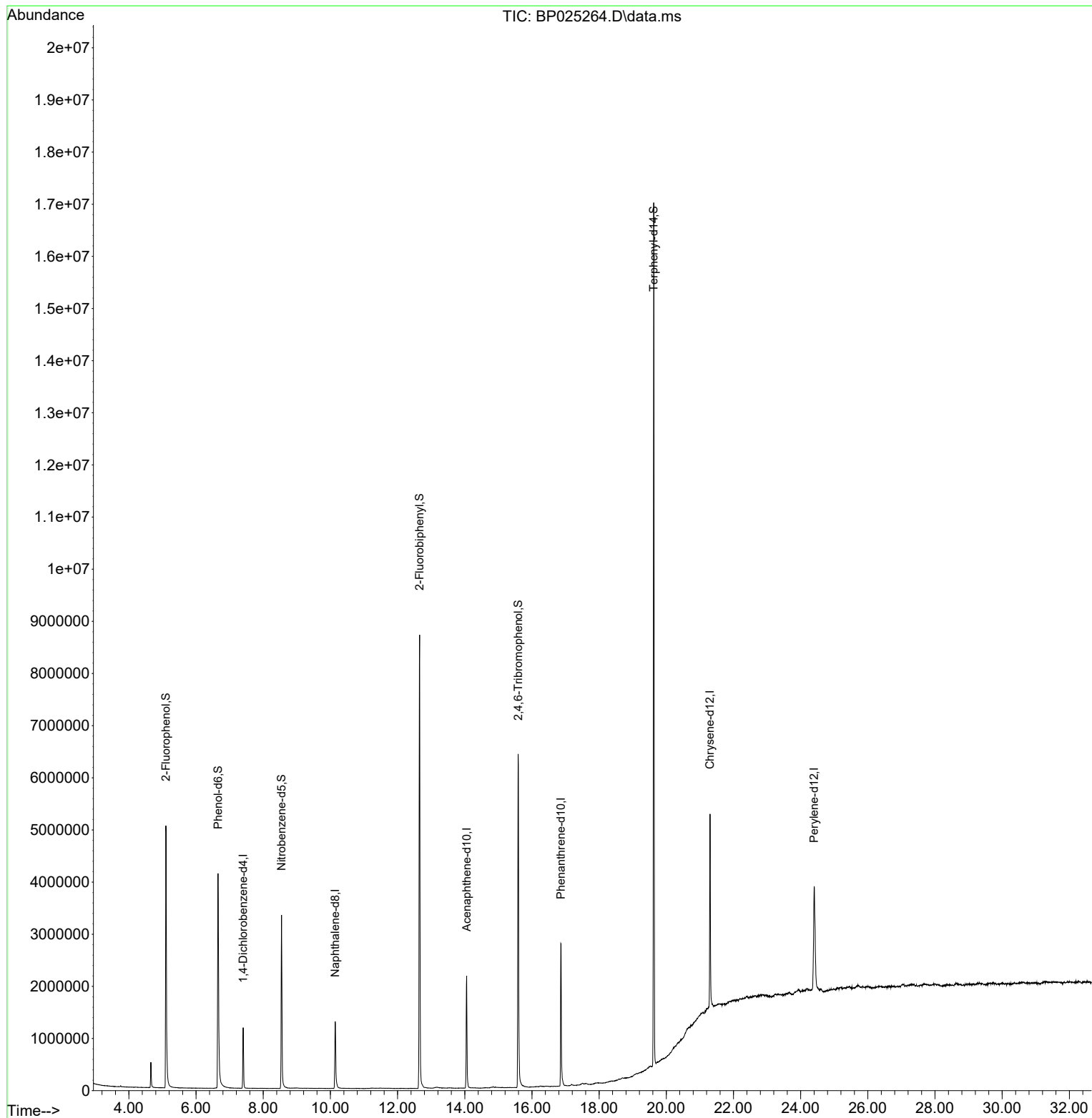
Target Compounds	Qvalue

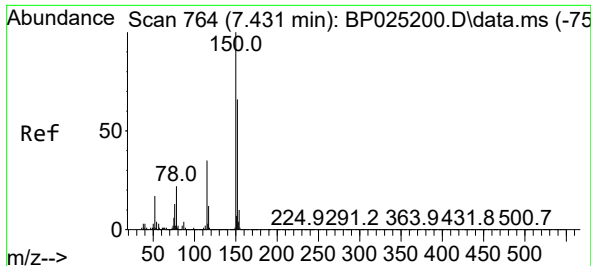
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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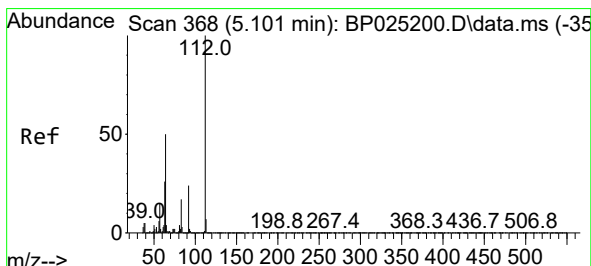
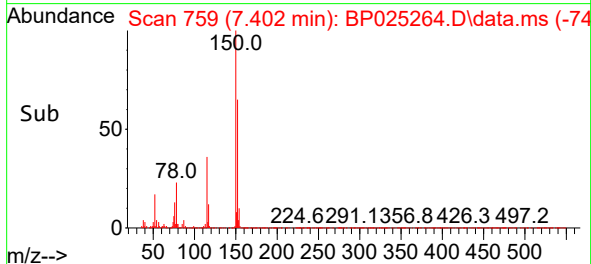
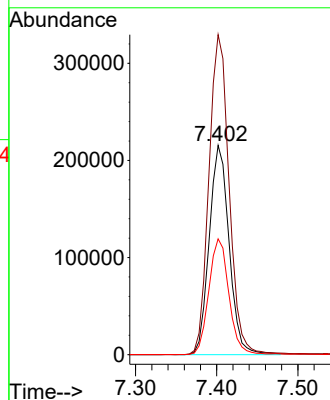
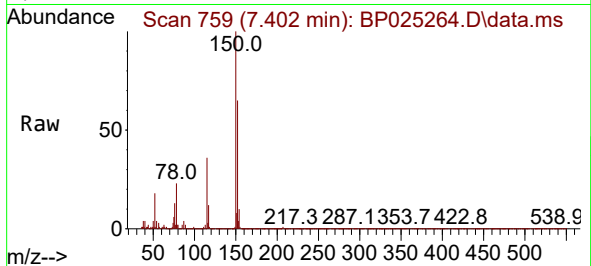




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.402 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP025264.D
Acq: 29 Jul 2025 16:39

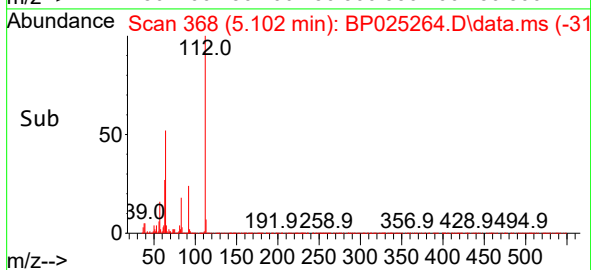
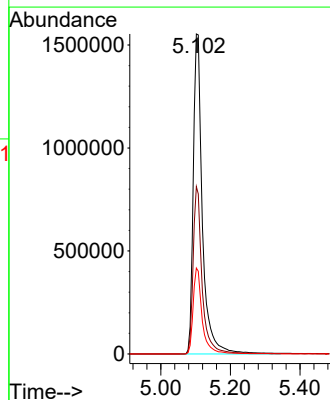
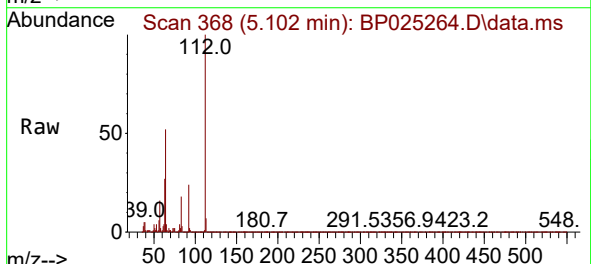
Instrument :
BNA_P
ClientSampleId :
PB169020TB

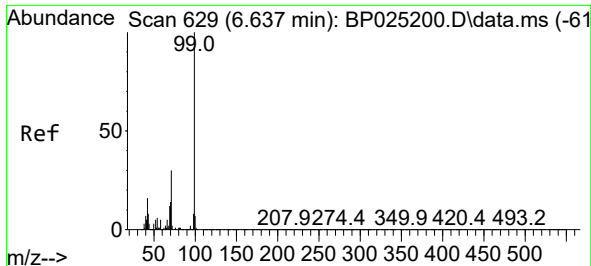
Tgt Ion:152 Resp: 366228
Ion Ratio Lower Upper
152 100
150 152.9 121.9 182.9
115 55.4 43.0 64.6



#5
2-Fluorophenol
Concen: 131.890 ng
RT: 5.102 min Scan# 368
Delta R.T. -0.006 min
Lab File: BP025264.D
Acq: 29 Jul 2025 16:39

Tgt Ion:112 Resp: 2858698
Ion Ratio Lower Upper
112 100
64 52.3 39.8 59.6
63 26.8 20.5 30.7

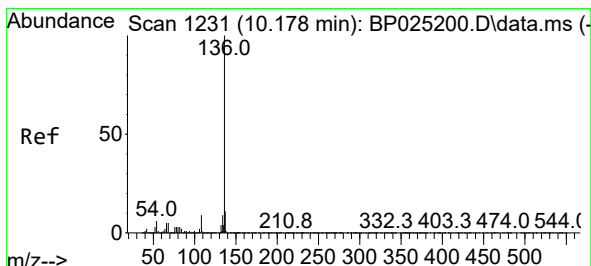
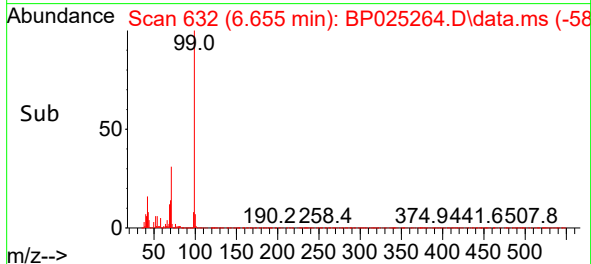
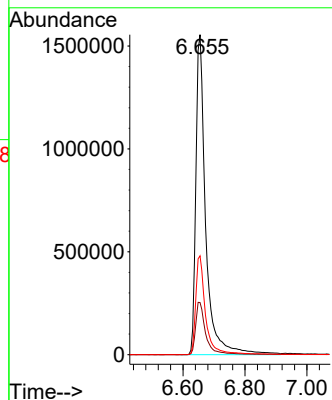
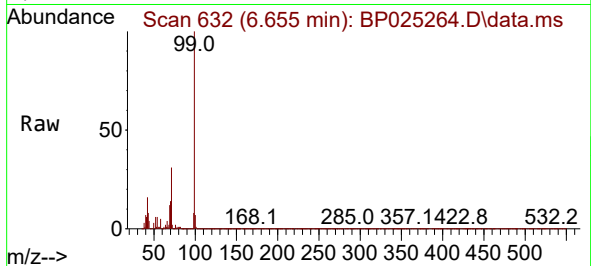




#7
Phenol-d6
Concen: 128.076 ng
RT: 6.655 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025264.D
Acq: 29 Jul 2025 16:39

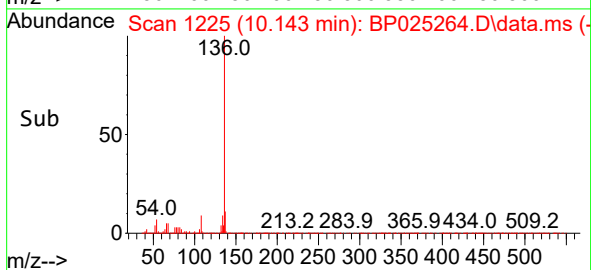
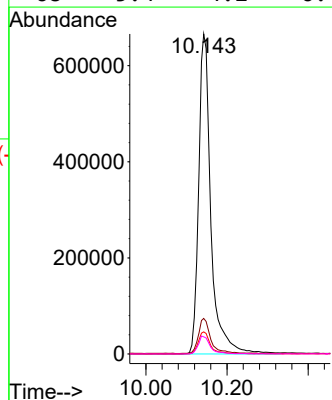
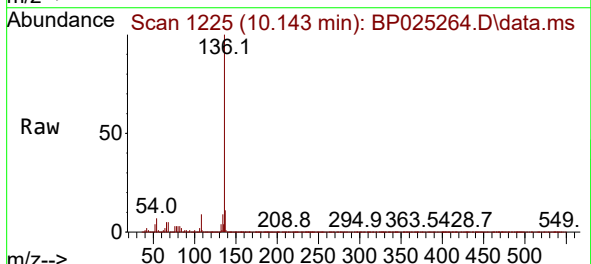
Instrument :
BNA_P
ClientSampleId :
PB169020TB

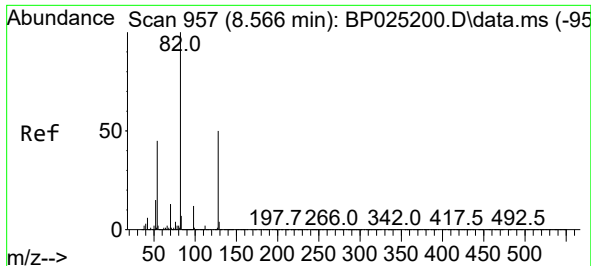
Tgt Ion: 99 Resp: 3438245
Ion Ratio Lower Upper
99 100
42 16.3 12.5 18.7
71 30.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.143 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BP025264.D
Acq: 29 Jul 2025 16:39

Tgt Ion: 136 Resp: 1400938
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.9 5.1 7.7
68 5.4 4.2 6.4

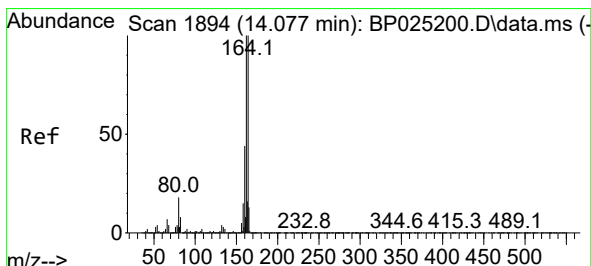
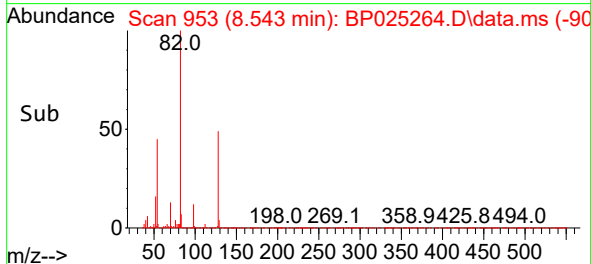
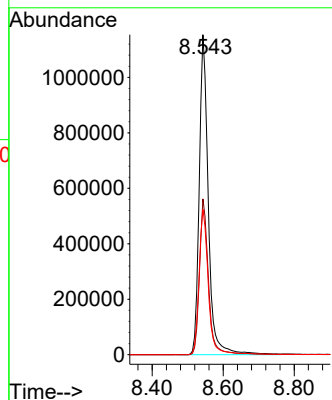
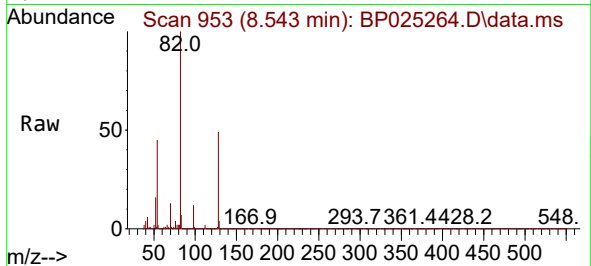




#23
Nitrobenzene-d5
Concen: 81.633 ng
RT: 8.543 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025264.D
Acq: 29 Jul 2025 16:39

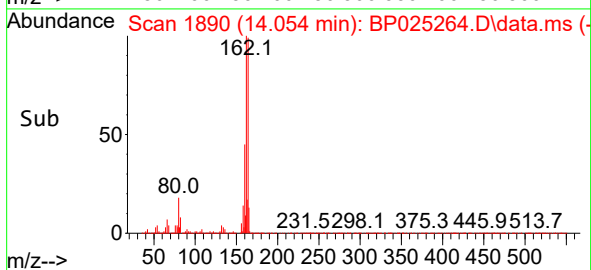
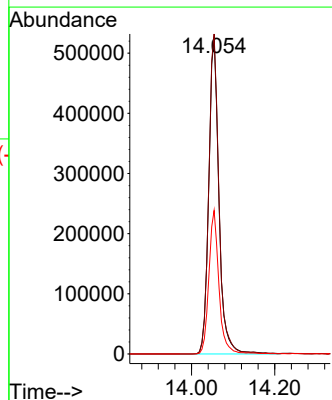
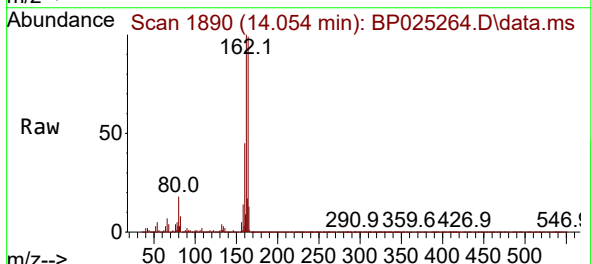
Instrument :
BNA_P
ClientSampleId :
PB169020TB

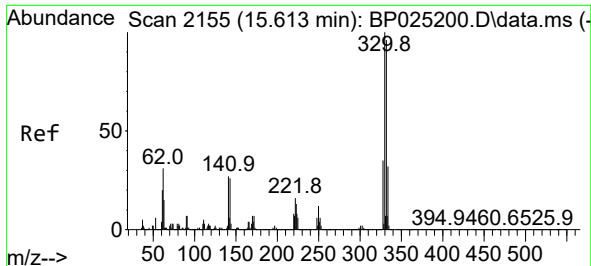
Tgt Ion: 82 Resp: 2057886
Ion Ratio Lower Upper
82 100
128 48.7 40.2 60.4
54 45.5 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.054 min Scan# 1890
Delta R.T. 0.006 min
Lab File: BP025264.D
Acq: 29 Jul 2025 16:39

Tgt Ion: 164 Resp: 898289
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 45.4 35.7 53.5

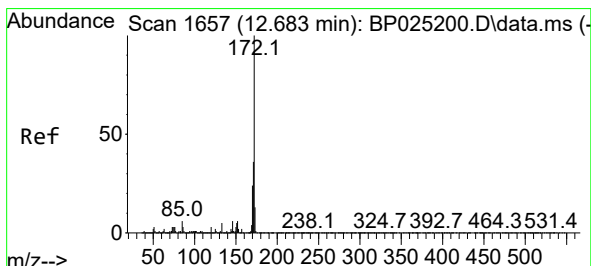
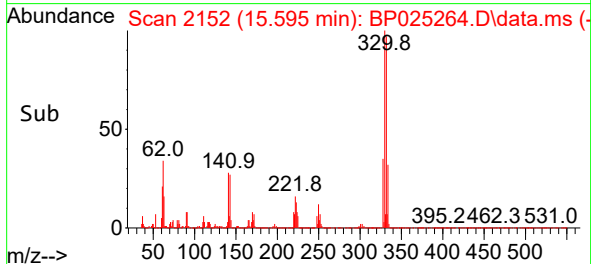
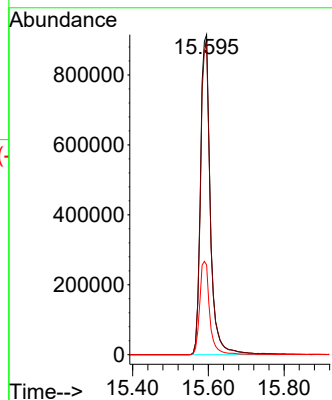
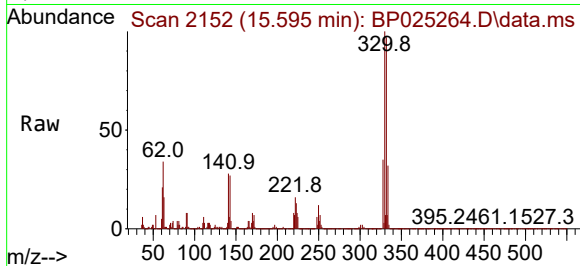




#42
2,4,6-Tribromophenol
Concen: 125.523 ng
RT: 15.595 min Scan# 2155
Delta R.T. 0.018 min
Lab File: BP025264.D
Acq: 29 Jul 2025 16:39

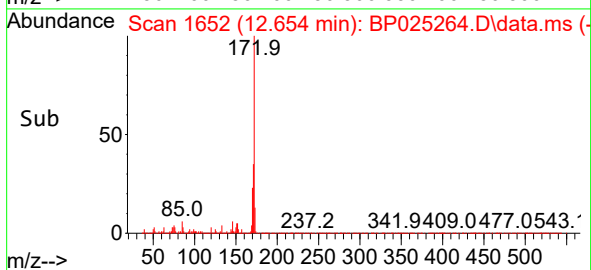
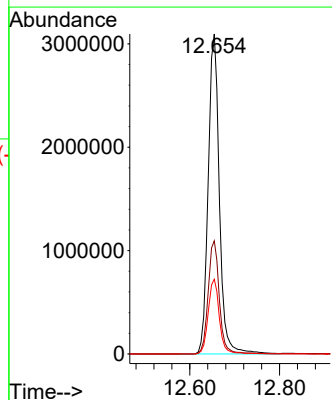
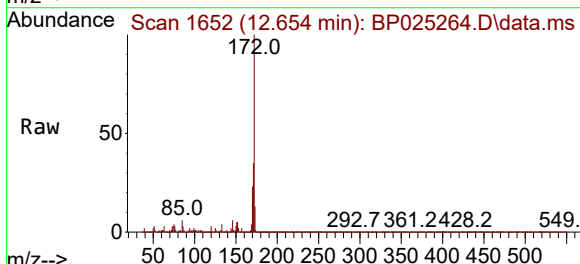
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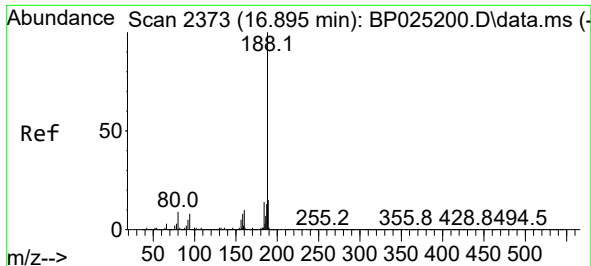
Tgt Ion: 330 Resp: 1662276
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 29.4 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 84.081 ng
RT: 12.654 min Scan# 1652
Delta R.T. 0.006 min
Lab File: BP025264.D
Acq: 29 Jul 2025 16:39

Tgt Ion: 172 Resp: 5357386
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.4 19.2 28.8

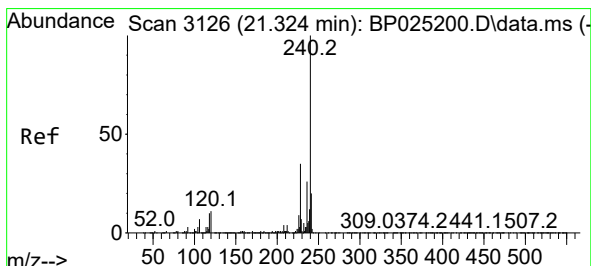
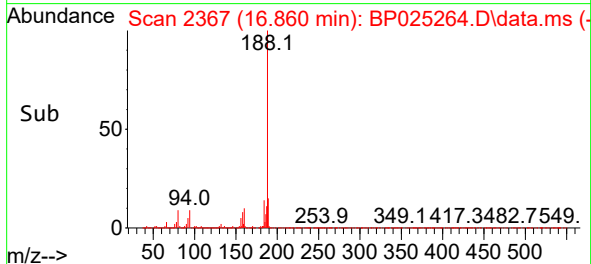
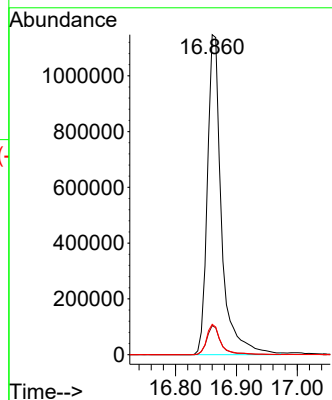
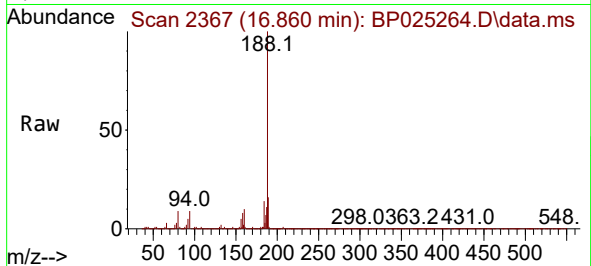




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.860 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025264.D
Acq: 29 Jul 2025 16:39

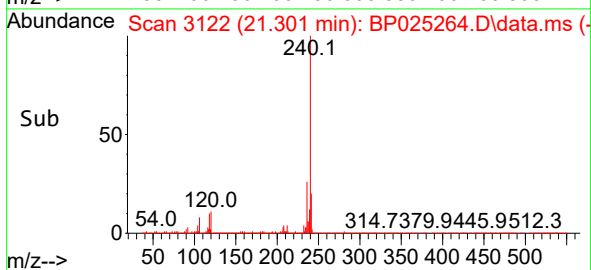
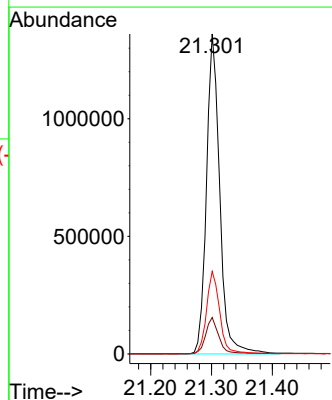
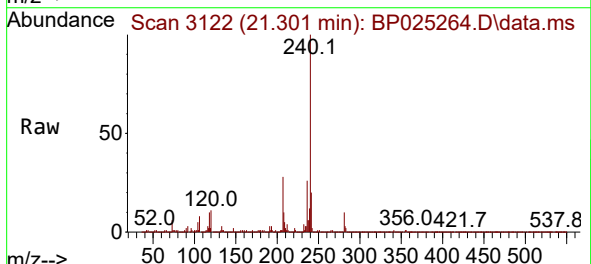
Instrument :
BNA_P
ClientSampleId :
PB169020TB

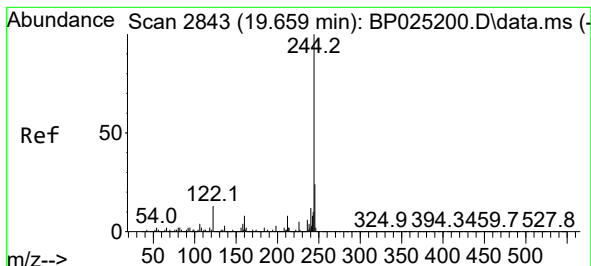
Tgt Ion:188 Resp: 1848600
Ion Ratio Lower Upper
188 100
94 9.1 6.8 10.2
80 9.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.301 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP025264.D
Acq: 29 Jul 2025 16:39

Tgt Ion:240 Resp: 2061174
Ion Ratio Lower Upper
240 100
120 11.4 8.8 13.2
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 87.480 ng

RT: 19.625 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025264.D

Acq: 29 Jul 2025 16:39

Instrument :

BNA_P

ClientSampleId :

PB169020TB

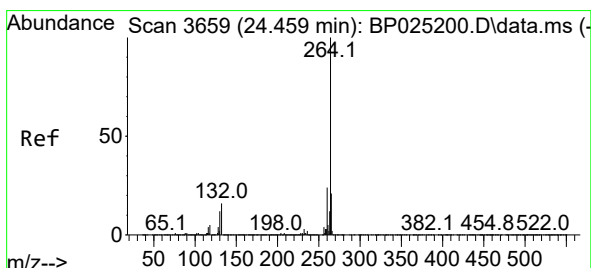
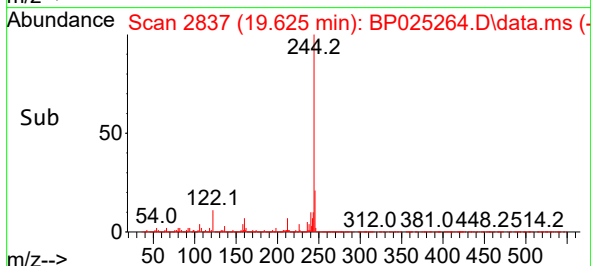
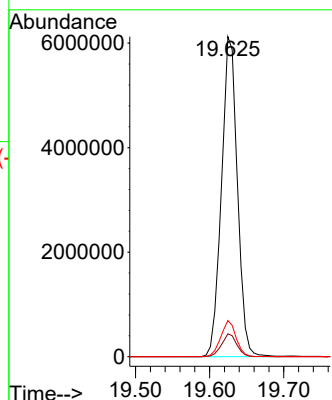
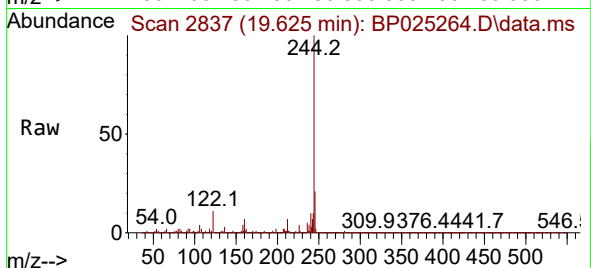
Tgt Ion:244 Resp: 9134215

Ion Ratio Lower Upper

244 100

212 7.2 6.6 9.8

122 11.3 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: BP025264.D

Acq: 29 Jul 2025 16:39

Tgt Ion:264 Resp: 2488334

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 23.1 17.5 26.3

