

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
 Data File : BP025139.D
 Acq On : 15 Jul 2025 10:17
 Operator : CG/JU
 Sample : PB168761TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168761TB

Quant Time: Jul 15 11:53:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	505239	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1889110	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1143012	20.000	ng	-0.01
64) Phenanthrene-d10	16.895	188	2205208	20.000	ng	-0.01
76) Chrysene-d12	21.336	240	2288443	20.000	ng	0.00
86) Perylene-d12	24.460	264	2585964	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4721119	165.568	ng	0.01
7) Phenol-d6	6.637	99	4935971	132.647	ng	0.00
23) Nitrobenzene-d5	8.560	82	3032143	106.745	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2263054	167.599	ng	-0.01
45) 2-Fluorobiphenyl	12.684	172	7578769	102.718	ng	-0.01
79) Terphenyl-d14	19.672	244	10923421	104.907	ng	0.00

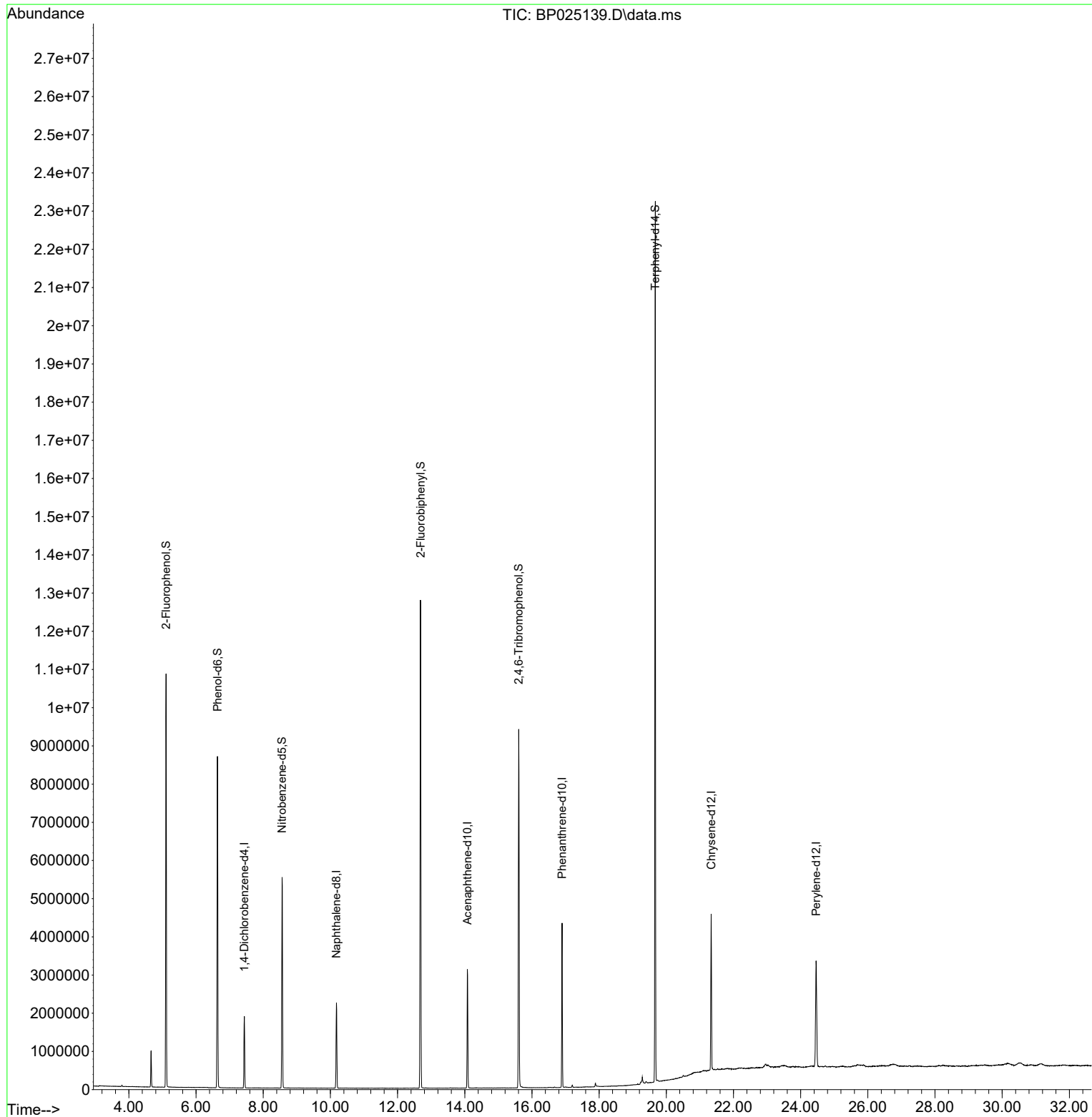
Target Compounds	Qvalue

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

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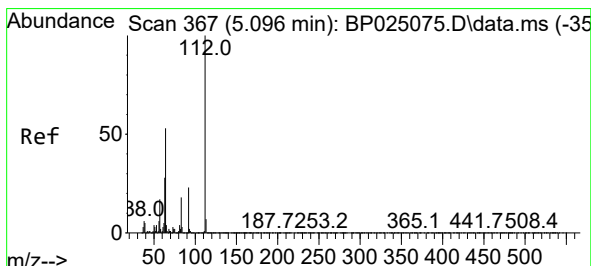
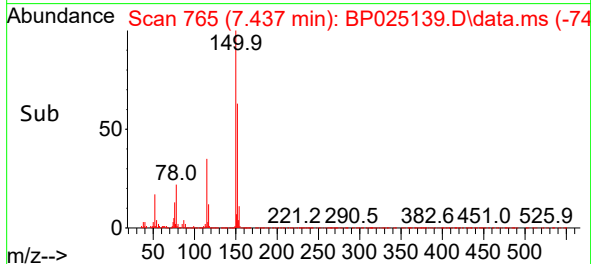
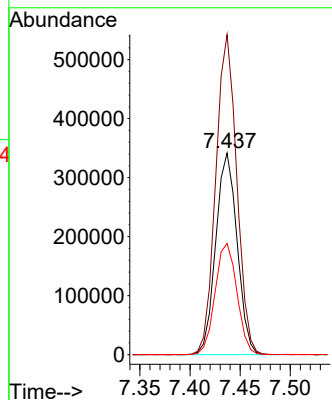
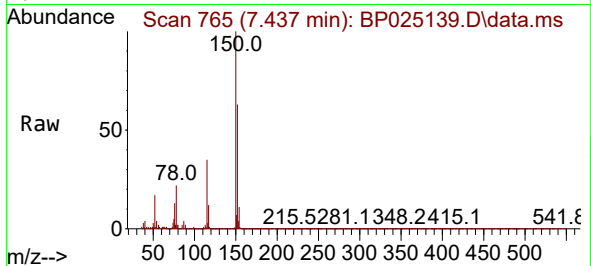




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025139.D
Acq: 15 Jul 2025 10:17

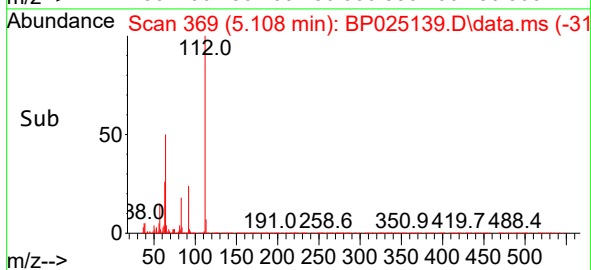
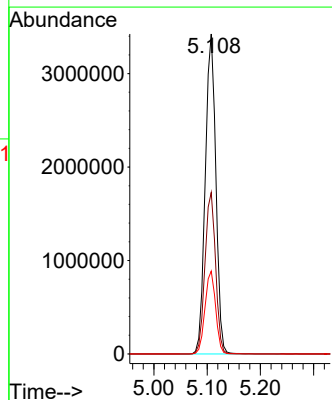
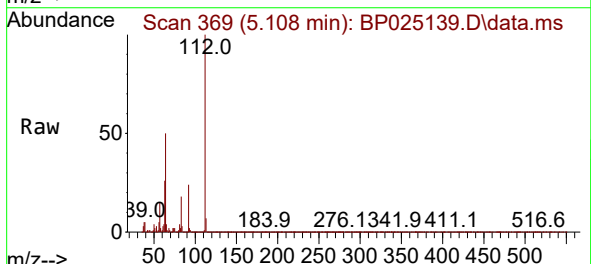
Instrument :
BNA_P
ClientSampleId :
PB168761TB

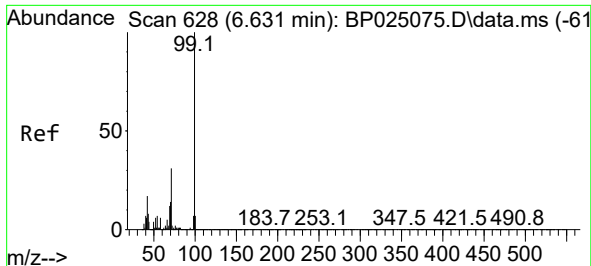
Tgt Ion:152 Resp: 505239
Ion Ratio Lower Upper
152 100
150 158.7 126.1 189.1
115 55.1 44.3 66.5



#5
2-Fluorophenol
Concen: 165.568 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025139.D
Acq: 15 Jul 2025 10:17

Tgt Ion:112 Resp: 4721119
Ion Ratio Lower Upper
112 100
64 50.5 42.0 63.0
63 25.9 22.2 33.2

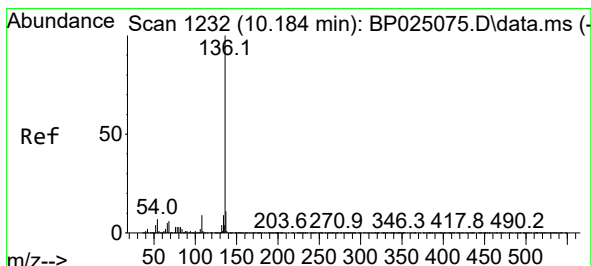
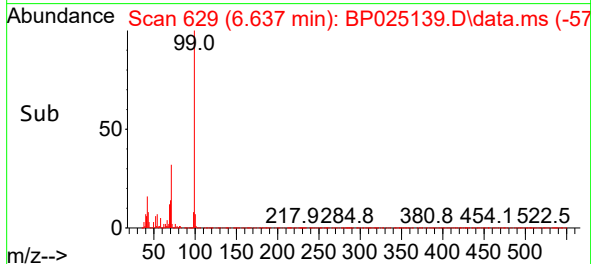
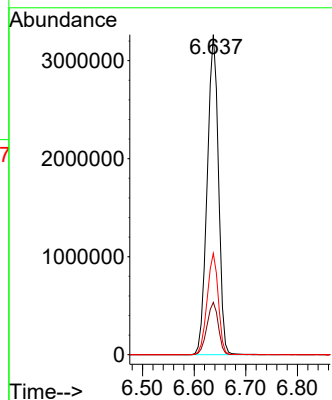
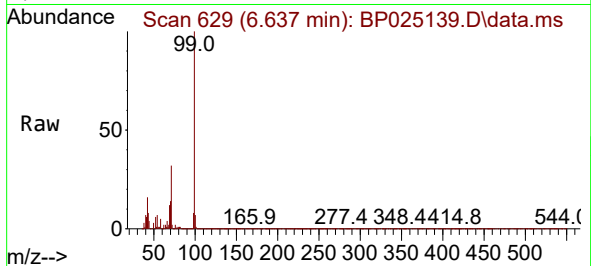




#7
Phenol-d6
Concen: 132.647 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025139.D
Acq: 15 Jul 2025 10:17

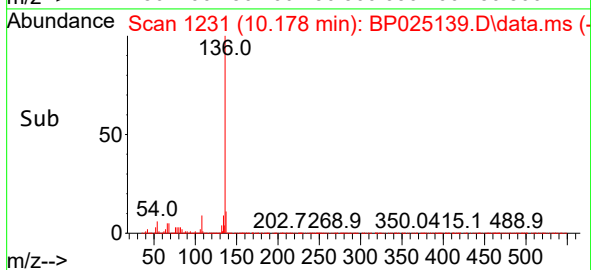
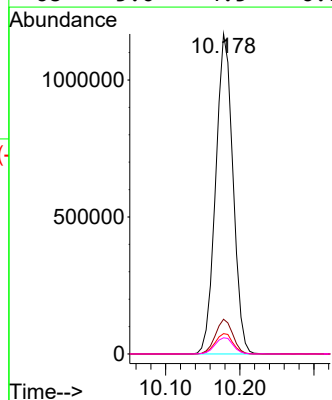
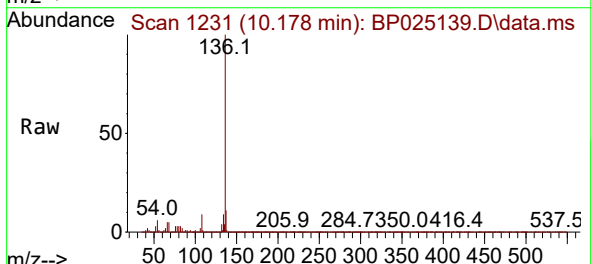
Instrument :
BNA_P
ClientSampleId :
PB168761TB

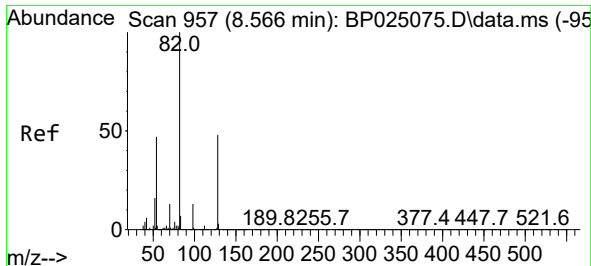
Tgt Ion: 99 Resp: 4935971
Ion Ratio Lower Upper
99 100
42 16.4 13.6 20.4
71 31.6 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025139.D
Acq: 15 Jul 2025 10:17

Tgt Ion: 136 Resp: 1889110
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.4 5.4 8.2
68 5.0 4.5 6.7

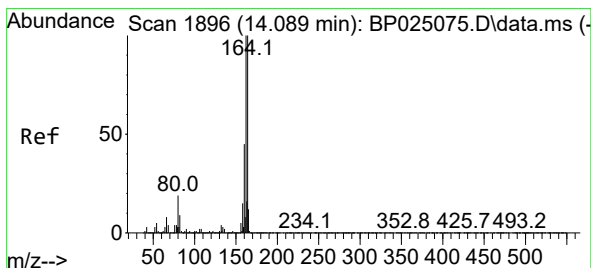
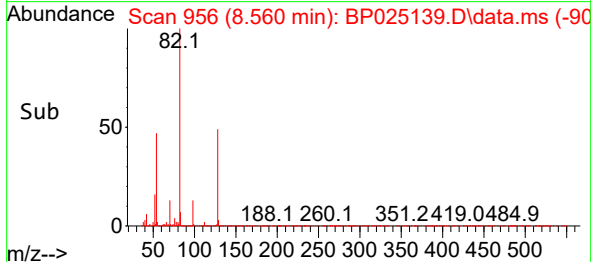
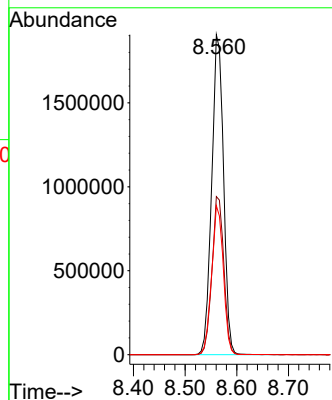
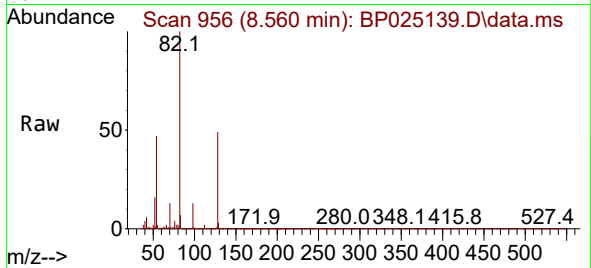




#23
Nitrobenzene-d5
Concen: 106.745 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025139.D
Acq: 15 Jul 2025 10:17

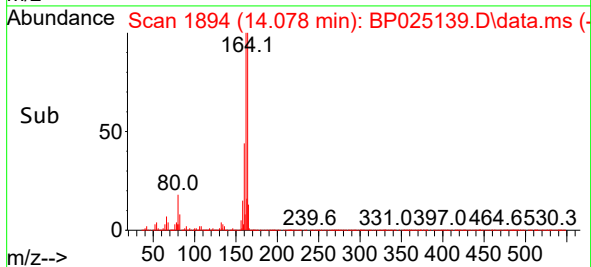
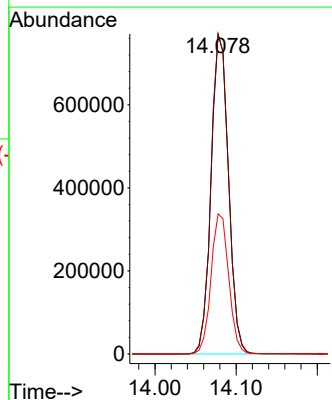
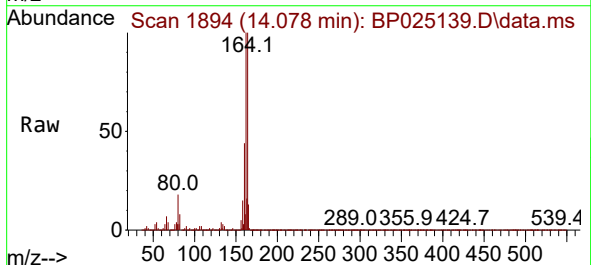
Instrument :
BNA_P
ClientSampleId :
PB168761TB

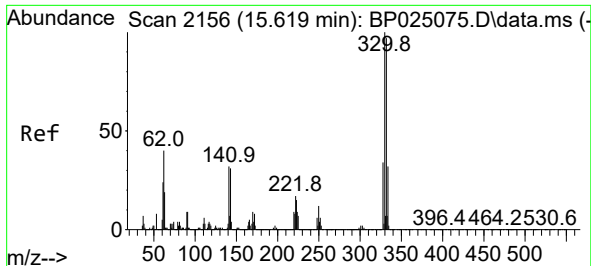
Tgt Ion: 82 Resp: 3032143
Ion Ratio Lower Upper
82 100
128 49.4 38.4 57.6
54 46.6 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. -0.011 min
Lab File: BP025139.D
Acq: 15 Jul 2025 10:17

Tgt Ion:164 Resp: 1143012
Ion Ratio Lower Upper
164 100
162 100.1 80.3 120.5
160 43.9 35.9 53.9

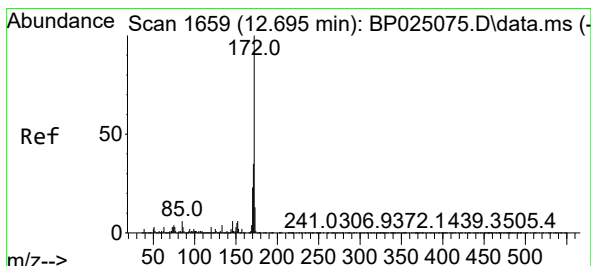
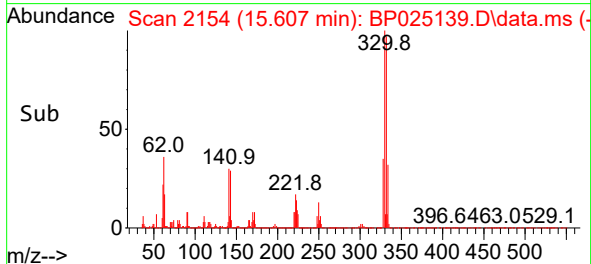
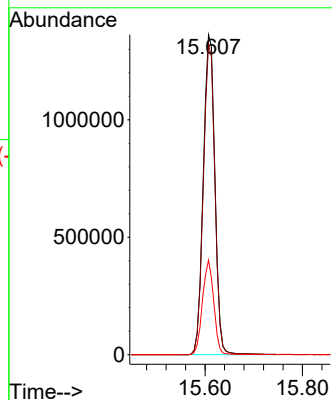
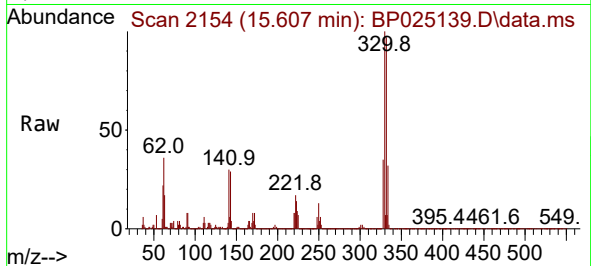




#42
2,4,6-Tribromophenol
Concen: 167.599 ng
RT: 15.607 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP025139.D
Acq: 15 Jul 2025 10:17

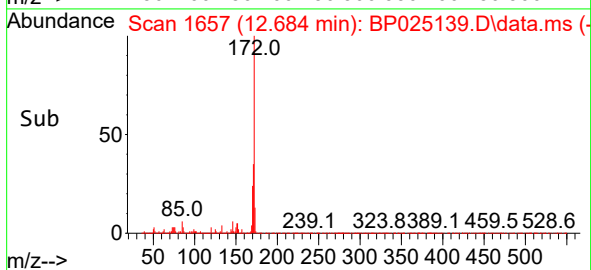
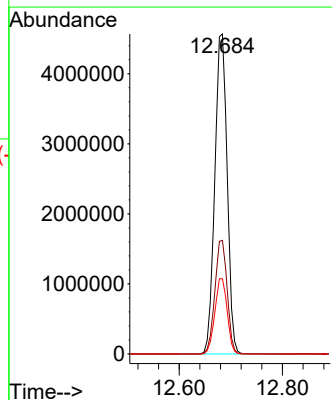
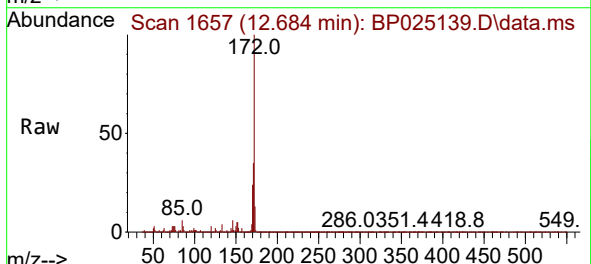
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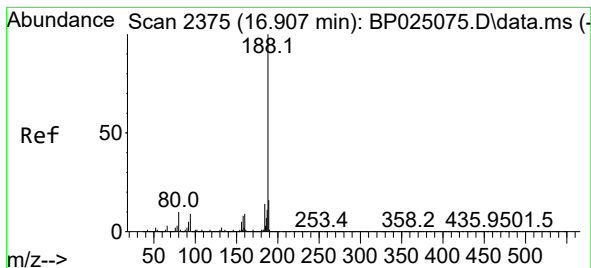
Tgt Ion: 330 Resp: 2263054
Ion Ratio Lower Upper
330 100
332 96.2 77.7 116.5
141 28.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 102.718 ng
RT: 12.684 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP025139.D
Acq: 15 Jul 2025 10:17

Tgt Ion: 172 Resp: 7578769
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.895 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025139.D

Acq: 15 Jul 2025 10:17

Instrument :

BNA_P

ClientSampleId :

PB168761TB

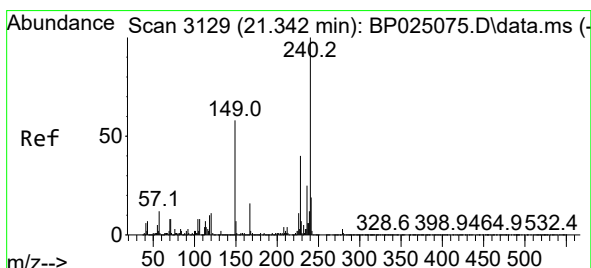
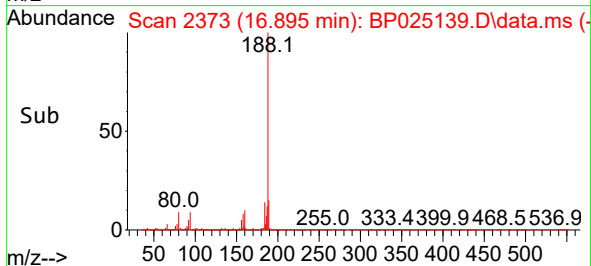
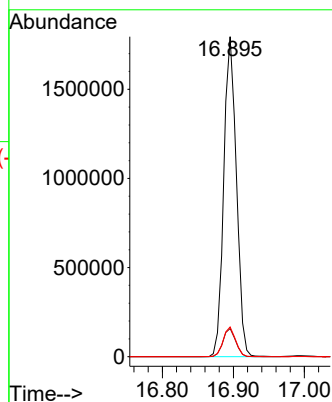
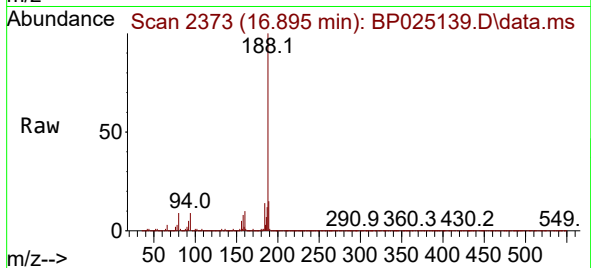
Tgt Ion:188 Resp: 2205208

Ion Ratio Lower Upper

188 100

94 8.8 7.3 10.9

80 9.3 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.336 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP025139.D

Acq: 15 Jul 2025 10:17

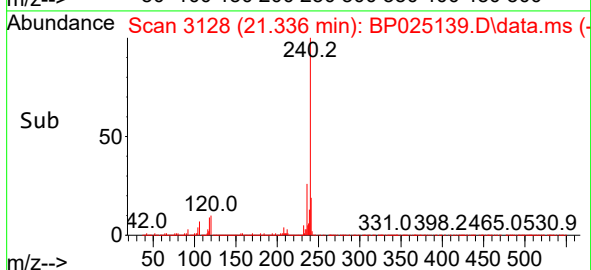
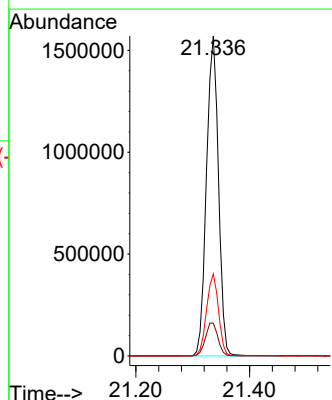
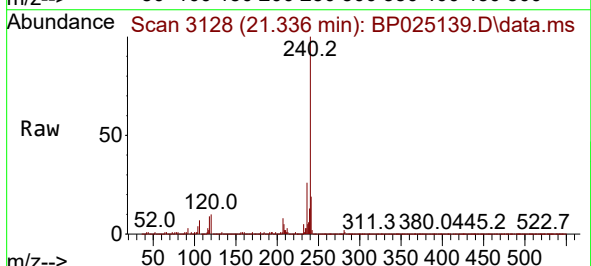
Tgt Ion:240 Resp: 2288443

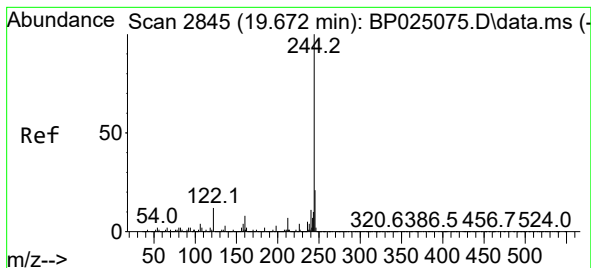
Ion Ratio Lower Upper

240 100

120 10.2 9.0 13.4

236 25.7 20.3 30.5





#79

Terphenyl-d14

Concen: 104.907 ng

RT: 19.672 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025139.D

Acq: 15 Jul 2025 10:17

Instrument :

BNA_P

ClientSampleId :

PB168761TB

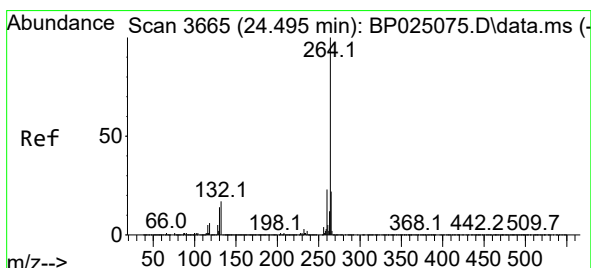
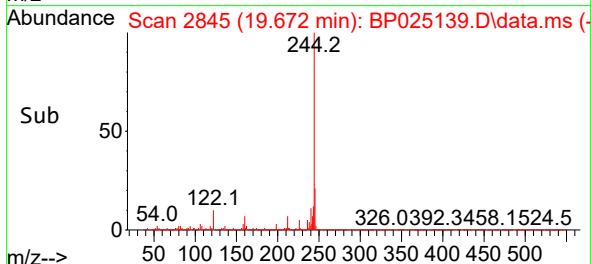
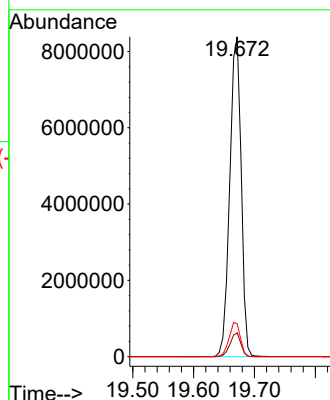
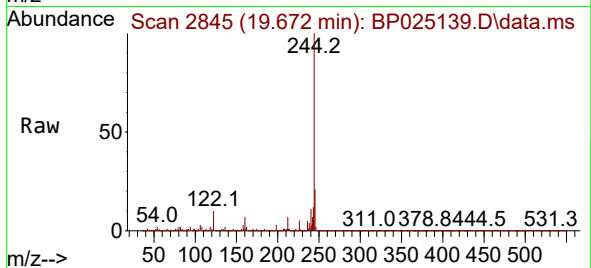
Tgt Ion:244 Resp:10923421

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 10.3 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.460 min Scan# 3659

Delta R.T. -0.035 min

Lab File: BP025139.D

Acq: 15 Jul 2025 10:17

Tgt Ion:264 Resp: 2585964

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.5 17.7 26.5

