

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025156.D
 Acq On : 16 Jul 2025 13:23
 Operator : CG/JU
 Sample : PB168832BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168832BL

Quant Time: Jul 16 14:40:25 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	528091	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2035651	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1282870	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2612562	20.000	ng	0.00
76) Chrysene-d12	21.348	240	2822317	20.000	ng	0.00
86) Perylene-d12	24.471	264	3135905	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4432658	148.725	ng	0.01
7) Phenol-d6	6.637	99	5325886	136.932	ng	0.00
23) Nitrobenzene-d5	8.566	82	3229495	105.508	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2718161	179.358	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	8179552	98.775	ng	0.00
79) Terphenyl-d14	19.672	244	12996119	101.203	ng	0.00

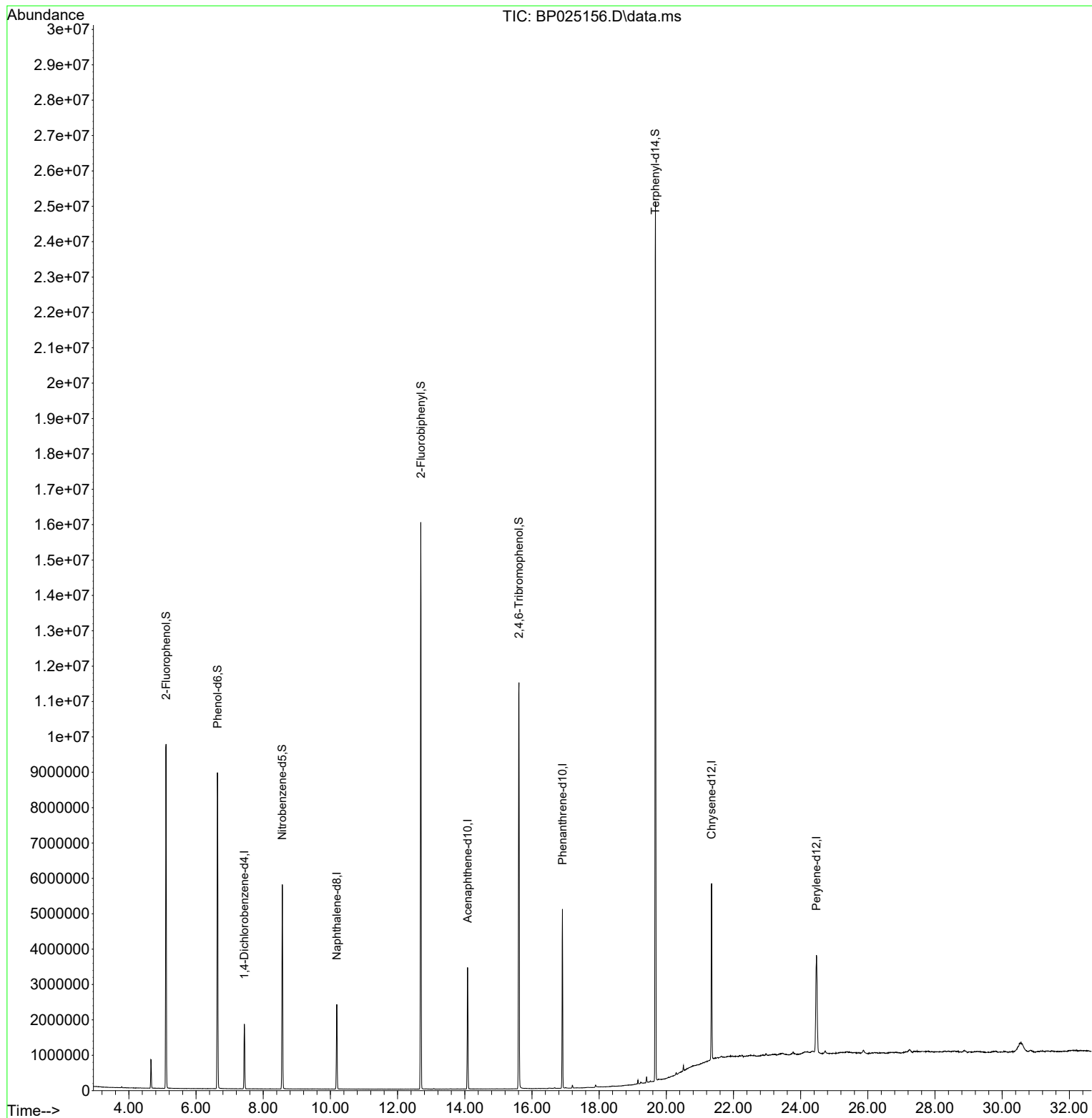
Target Compounds	Qvalue

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

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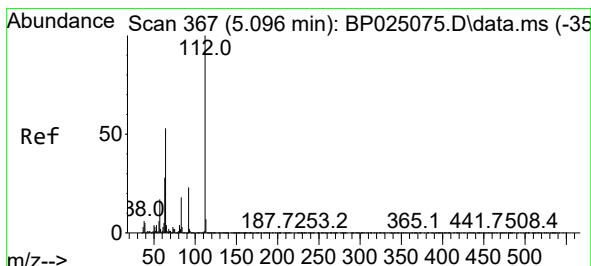
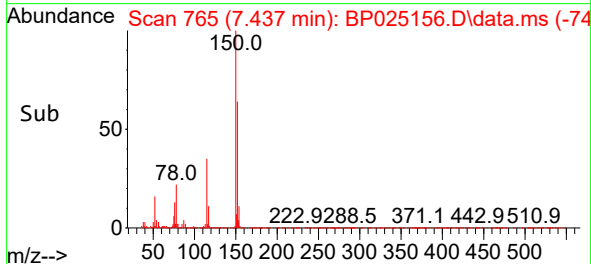
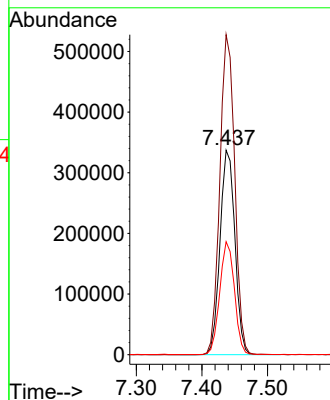
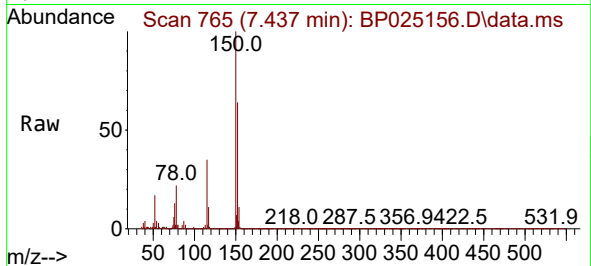




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

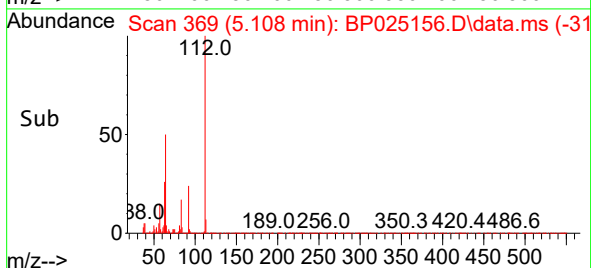
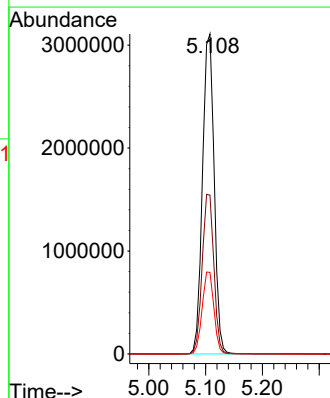
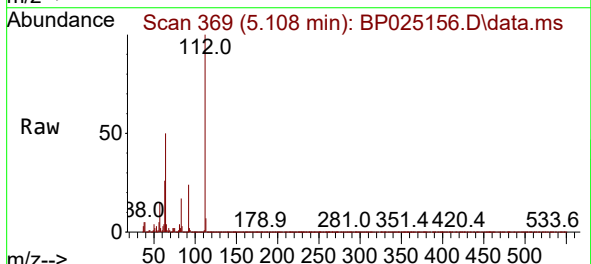
Instrument :
BNA_P
ClientSampleId :
PB168832BL

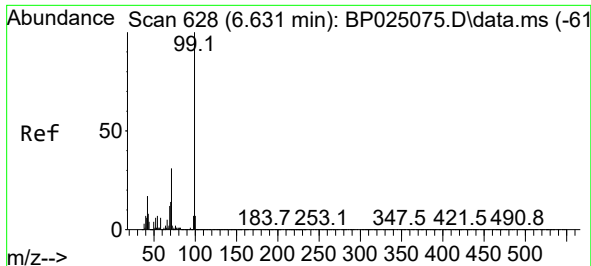
Tgt Ion:152 Resp: 528091
Ion Ratio Lower Upper
152 100
150 156.5 126.1 189.1
115 55.2 44.3 66.5



#5
2-Fluorophenol
Concen: 148.725 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

Tgt Ion:112 Resp: 4432658
Ion Ratio Lower Upper
112 100
64 49.6 42.0 63.0
63 25.5 22.2 33.2

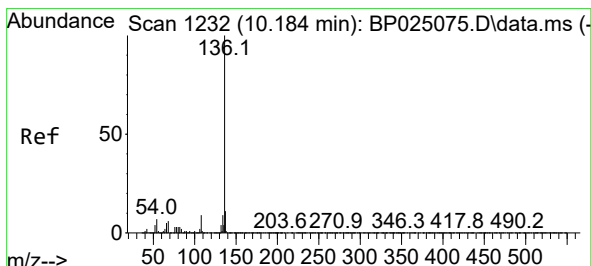
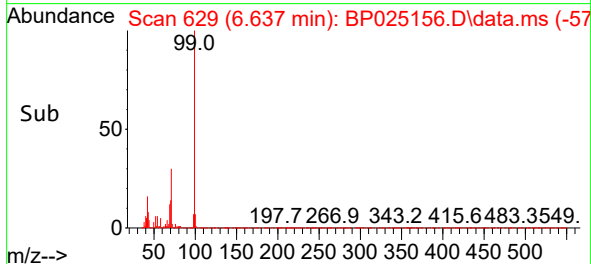
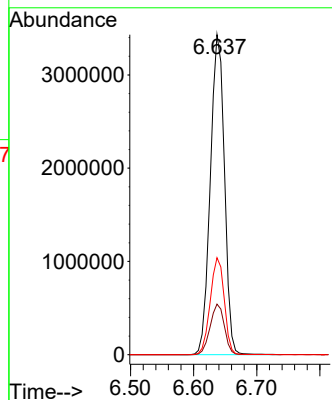
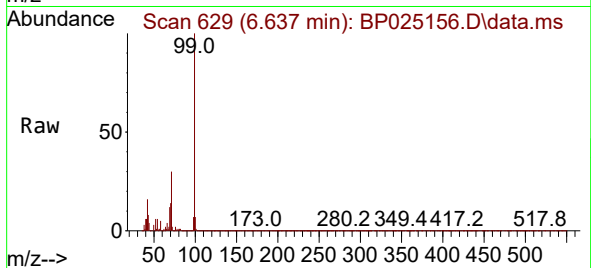




#7
Phenol-d6
Concen: 136.932 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

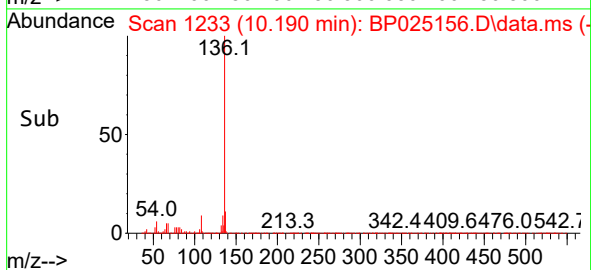
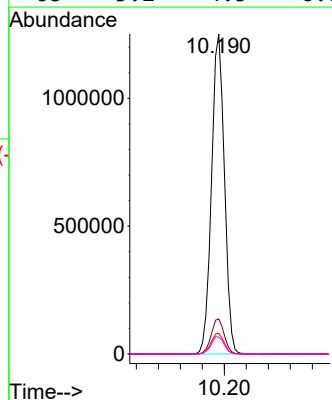
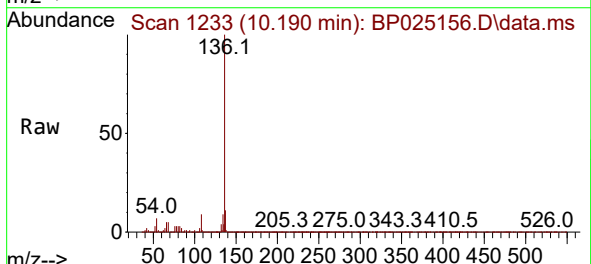
Instrument :
BNA_P
ClientSampleId :
PB168832BL

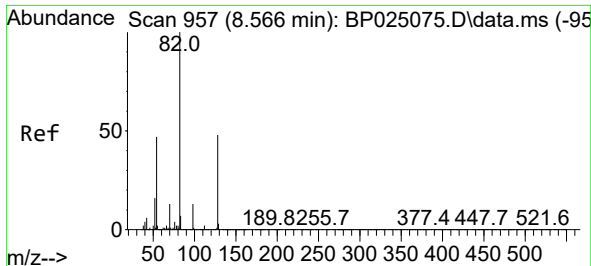
Tgt Ion: 99 Resp: 5325886
Ion Ratio Lower Upper
99 100
42 15.8 13.6 20.4
71 30.3 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

Tgt Ion:136 Resp: 2035651
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.5 5.4 8.2
68 5.2 4.5 6.7

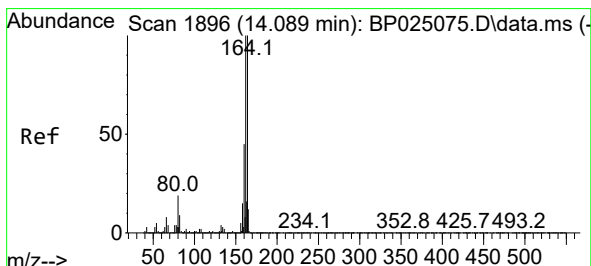
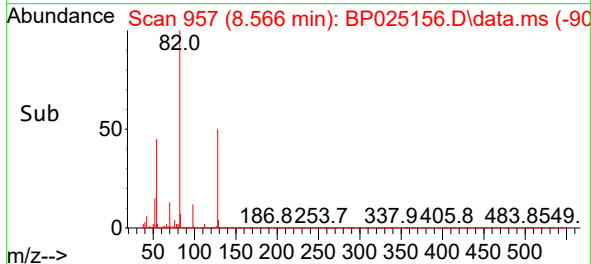
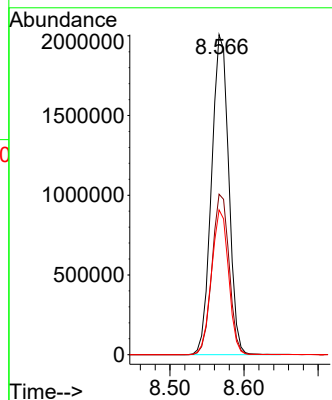
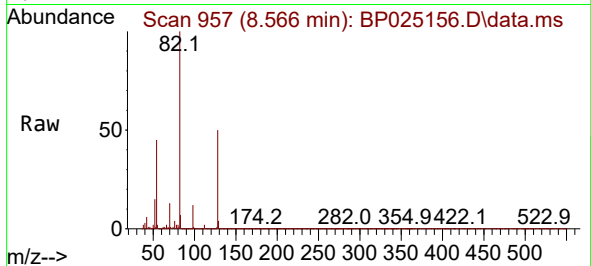




#23
 Nitrobenzene-d5
 Concen: 105.508 ng
 RT: 8.566 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BP025156.D
 Acq: 16 Jul 2025 13:23

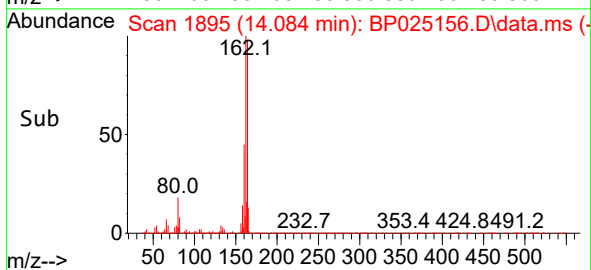
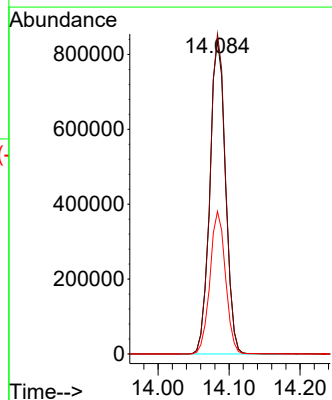
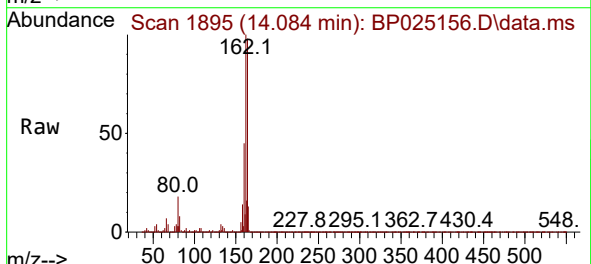
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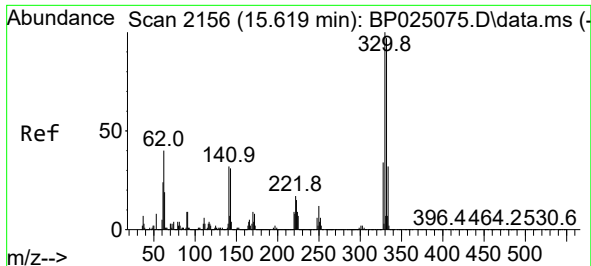
Tgt Ion: 82 Resp: 3229495
 Ion Ratio Lower Upper
 82 100
 128 50.1 38.4 57.6
 54 45.2 37.8 56.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.084 min Scan# 1895
 Delta R.T. -0.005 min
 Lab File: BP025156.D
 Acq: 16 Jul 2025 13:23

Tgt Ion:164 Resp: 1282870
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.3 120.5
 160 45.5 35.9 53.9

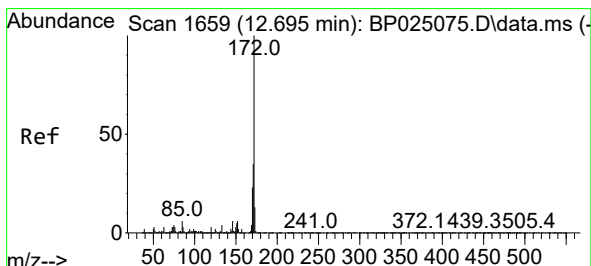
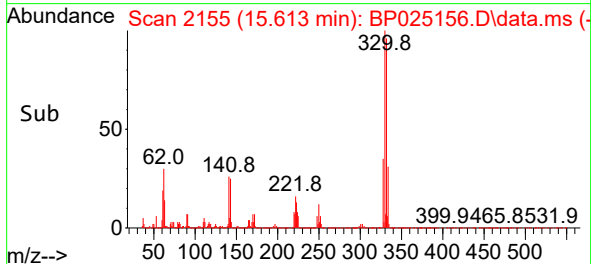
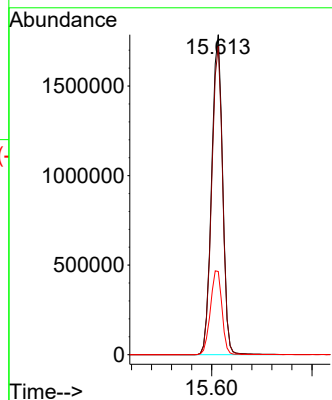
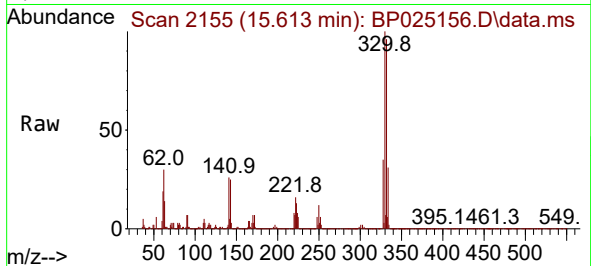




#42
2,4,6-Tribromophenol
Concen: 179.358 ng
RT: 15.613 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

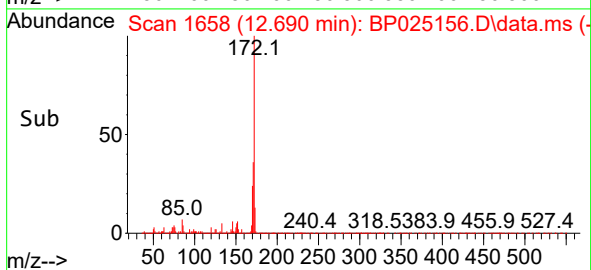
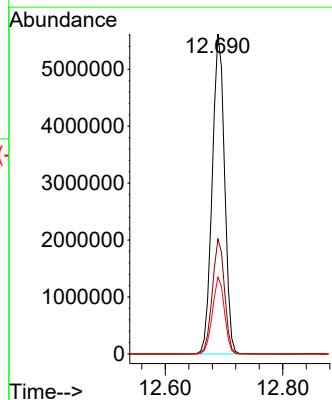
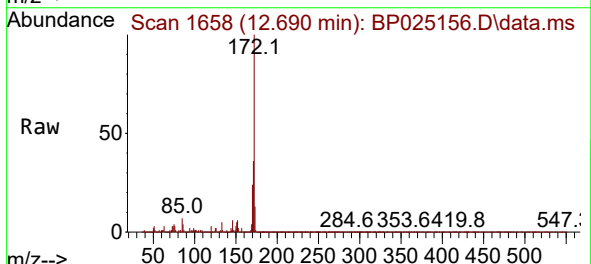
Instrument :
BNA_P
ClientSampleId :
PB168832BL

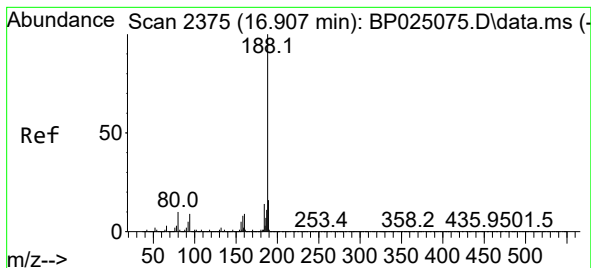
Tgt Ion:330 Resp: 2718161
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 27.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 98.775 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025156.D
Acq: 16 Jul 2025 13:23

Tgt Ion:172 Resp: 8179552
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.907 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025156.D

Acq: 16 Jul 2025 13:23

Instrument :

BNA_P

ClientSampleId :

PB168832BL

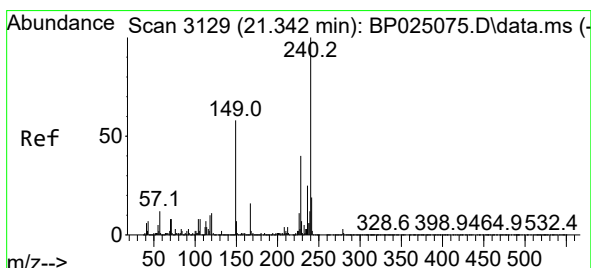
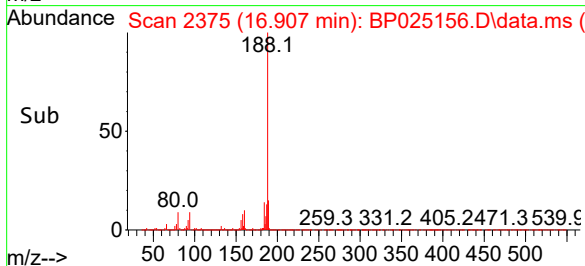
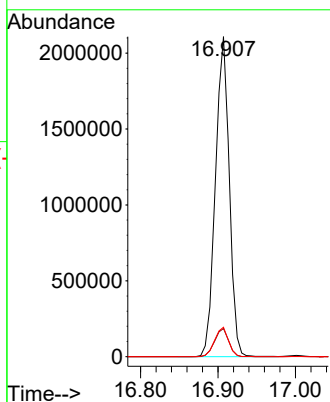
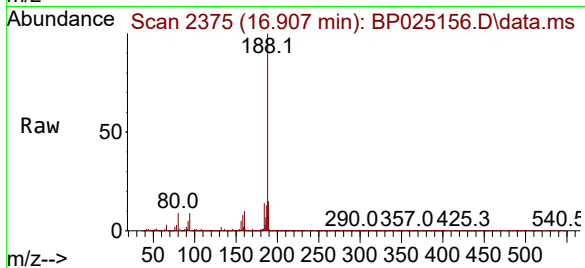
Tgt Ion:188 Resp: 2612562

Ion Ratio Lower Upper

188 100

94 8.8 7.3 10.9

80 9.2 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.348 min Scan# 3130

Delta R.T. 0.006 min

Lab File: BP025156.D

Acq: 16 Jul 2025 13:23

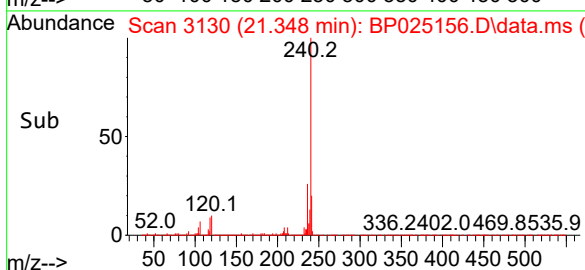
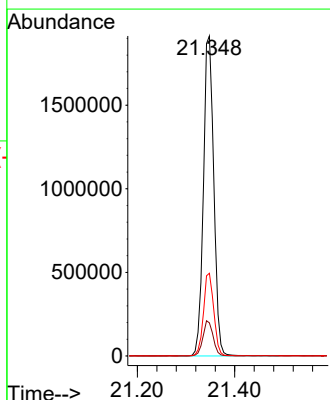
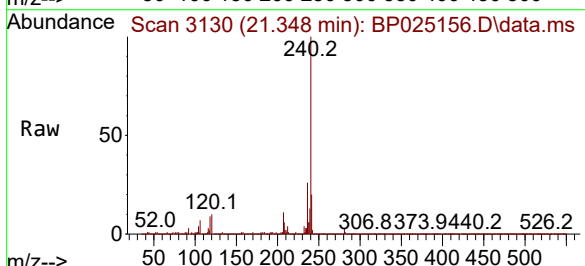
Tgt Ion:240 Resp: 2822317

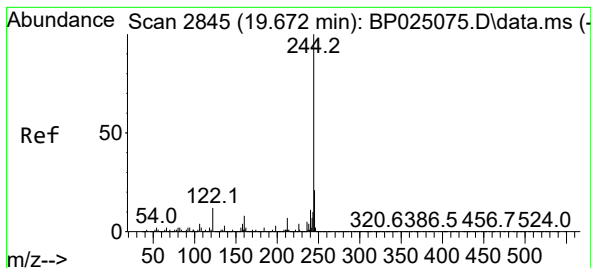
Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.4

236 25.9 20.3 30.5





#79

Terphenyl-d14

Concen: 101.203 ng

RT: 19.672 min Scan# 2845

Delta R.T. 0.000 min

Lab File: BP025156.D

Acq: 16 Jul 2025 13:23

Instrument :

BNA_P

ClientSampleId :

PB168832BL

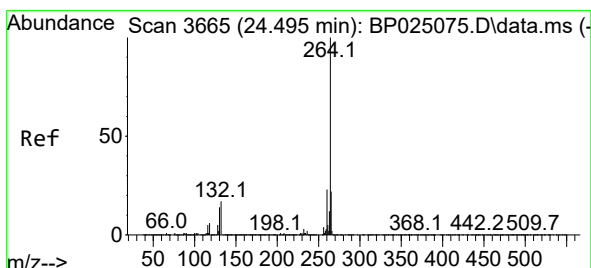
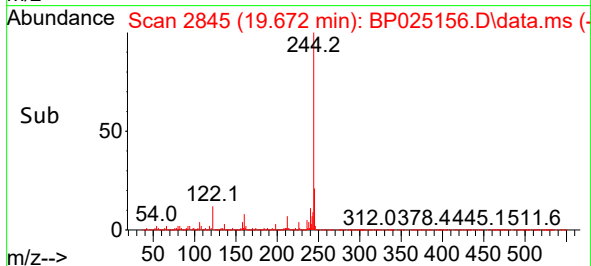
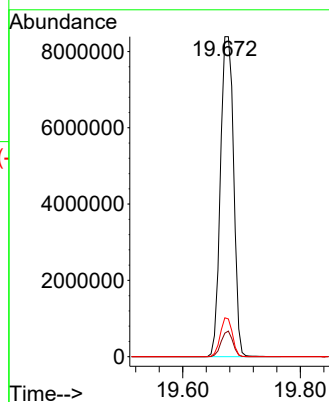
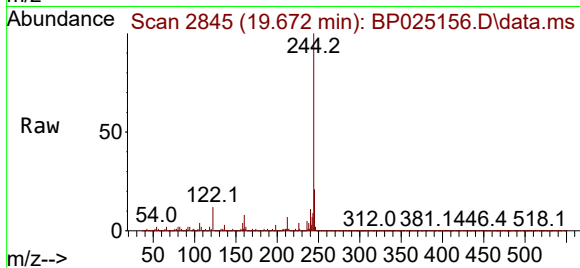
Tgt Ion:244 Resp:12996119

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 12.1 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 3661

Delta R.T. -0.023 min

Lab File: BP025156.D

Acq: 16 Jul 2025 13:23

Tgt Ion:264 Resp: 3135905

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.0 17.7 26.5

