

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
 Data File : BP025143.D
 Acq On : 15 Jul 2025 13:07
 Operator : CG/JU
 Sample : Q2543-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-41

Quant Time: Jul 15 13:48:47 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	7.443	152	556317	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2503674	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1662469	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	3076517	20.000	ng	0.01
76) Chrysene-d12	21.336	240	3157084	20.000	ng	0.00
86) Perylene-d12	24.460	264	3825648	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2776523	88.431	ng	0.00
7) Phenol-d6	6.637	99	3160083	77.126	ng	0.00
23) Nitrobenzene-d5	8.566	82	1890854	50.227	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1837924	93.584	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	4939649	46.030	ng	0.00
79) Terphenyl-d14	19.672	244	7331795	51.040	ng	0.00

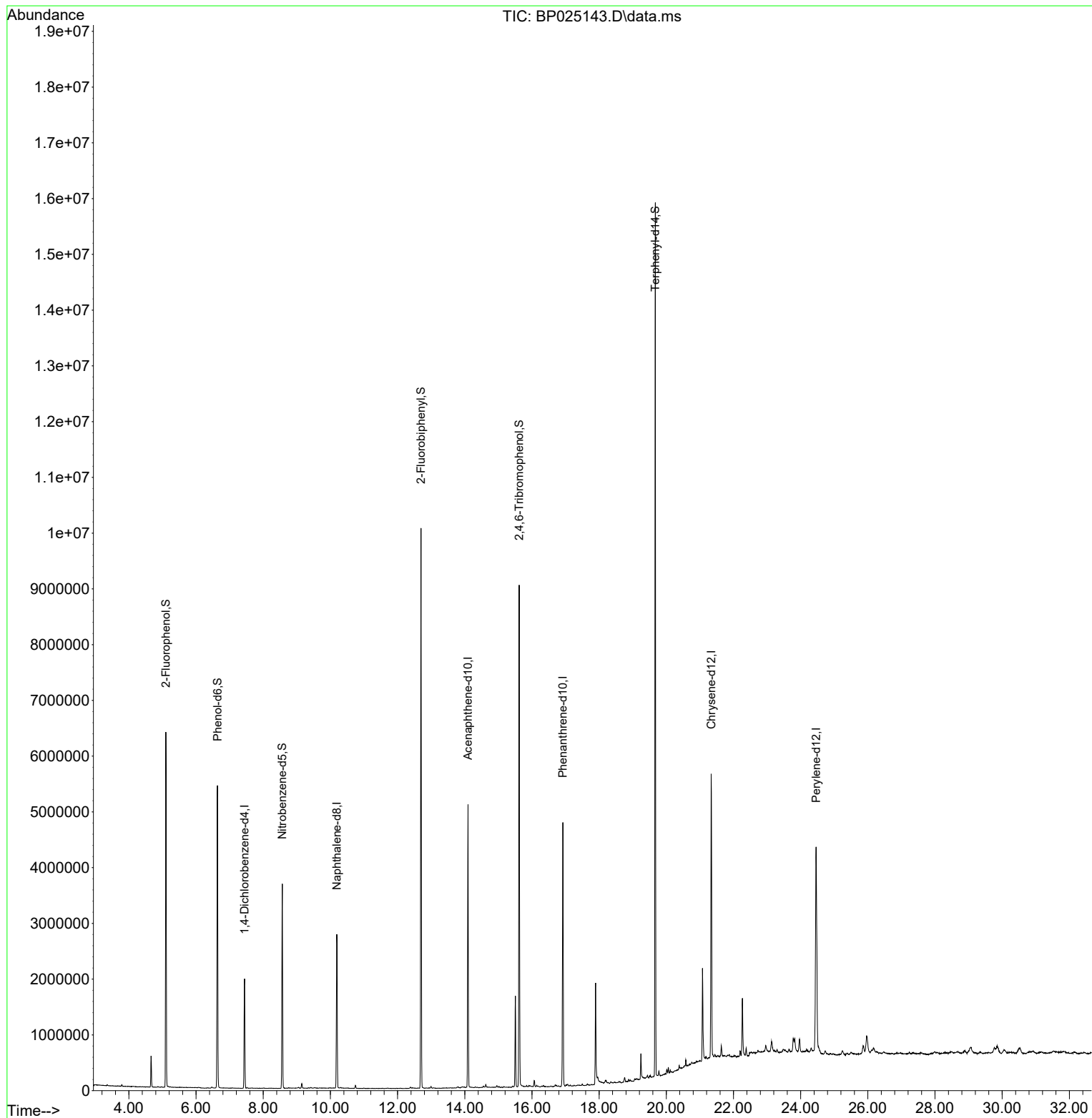
Target Compounds	Qvalue

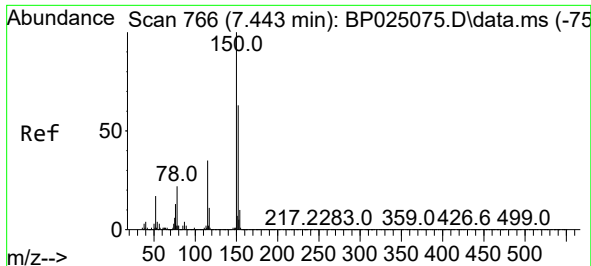
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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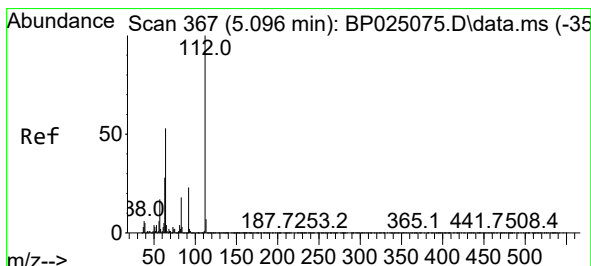
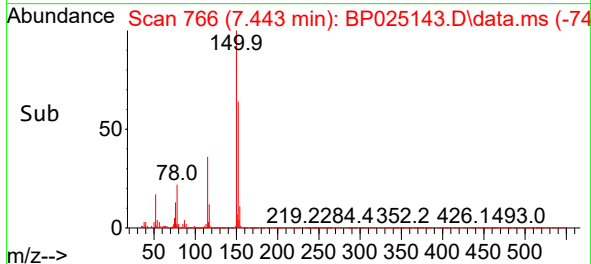
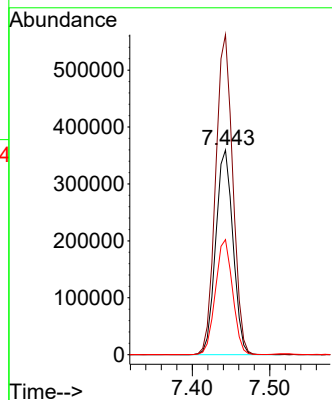
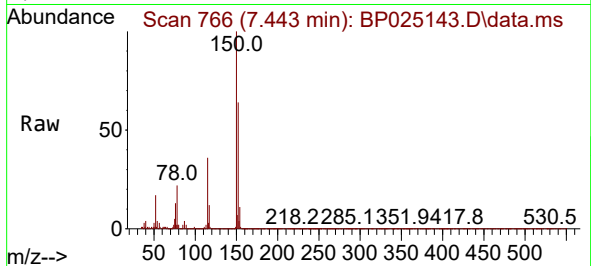




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 766
Delta R.T. -0.000 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

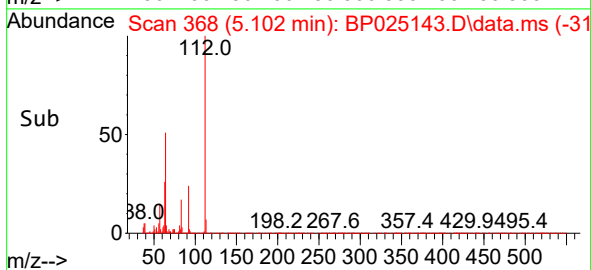
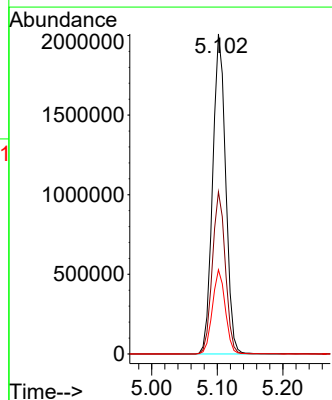
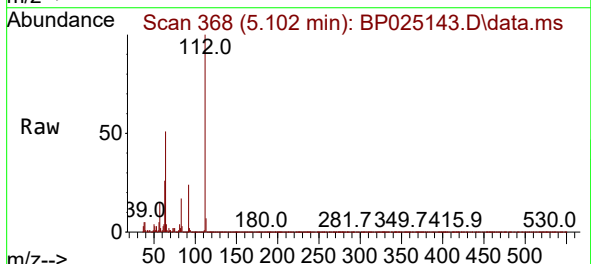
Instrument :
BNA_P
ClientSampleId :
TP-41

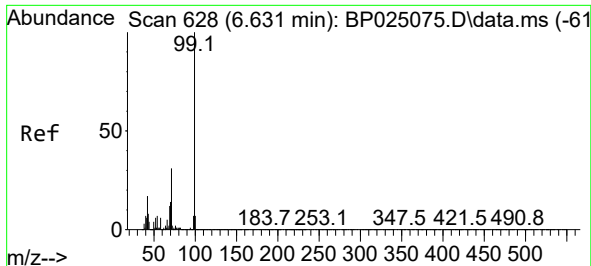
Tgt Ion:152 Resp: 556317
Ion Ratio Lower Upper
152 100
150 156.3 126.1 189.1
115 56.2 44.3 66.5



#5
2-Fluorophenol
Concen: 88.431 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Tgt Ion:112 Resp: 2776523
Ion Ratio Lower Upper
112 100
64 50.6 42.0 63.0
63 26.3 22.2 33.2

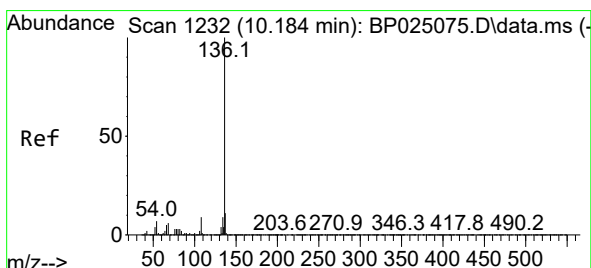
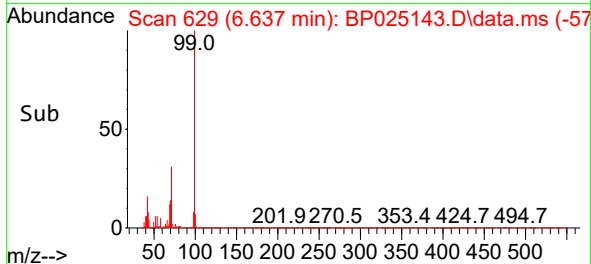
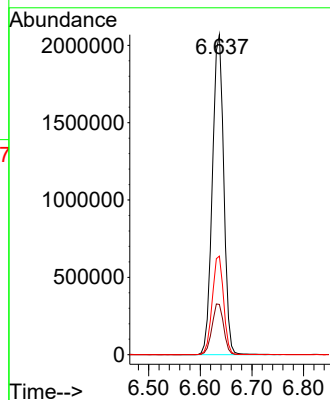
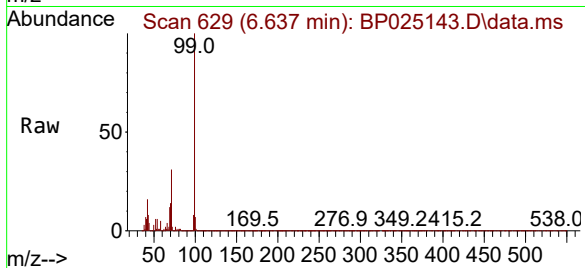




#7
Phenol-d6
Concen: 77.126 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

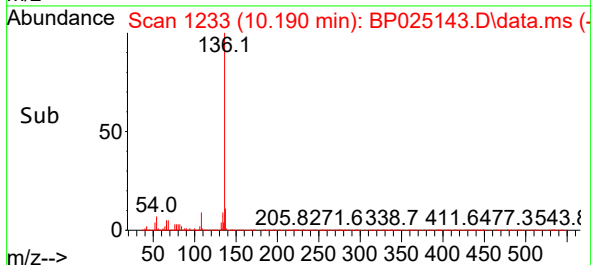
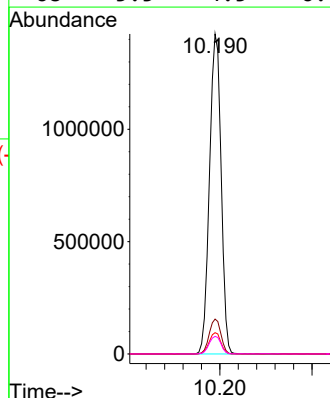
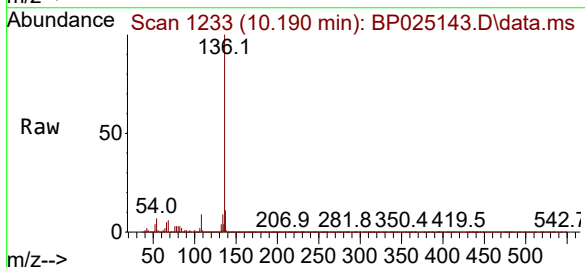
Instrument :
BNA_P
ClientSampleId :
TP-41

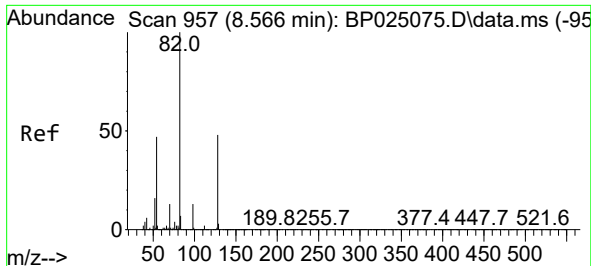
Tgt Ion: 99 Resp: 3160083
Ion Ratio Lower Upper
99 100
42 15.7 13.6 20.4
71 30.8 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Tgt Ion:136 Resp: 2503674
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.7 5.4 8.2
68 5.5 4.5 6.7

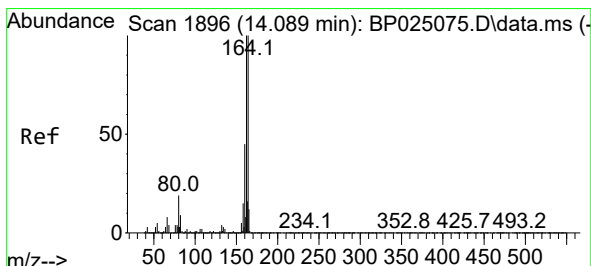
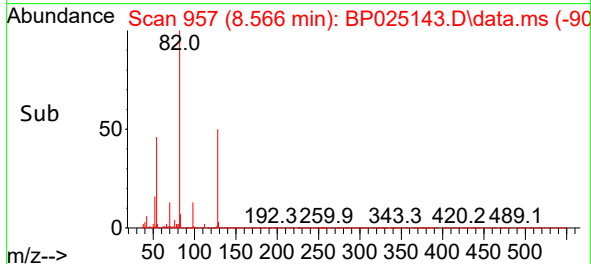
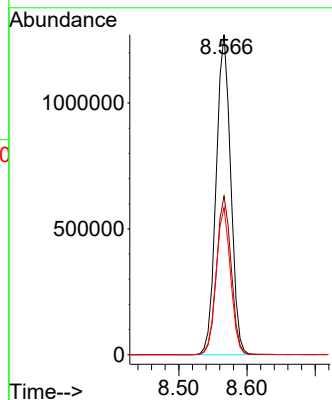
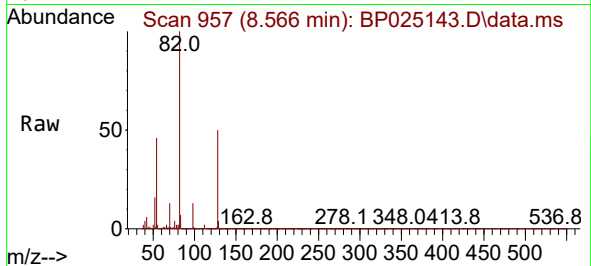




#23
Nitrobenzene-d5
Concen: 50.227 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

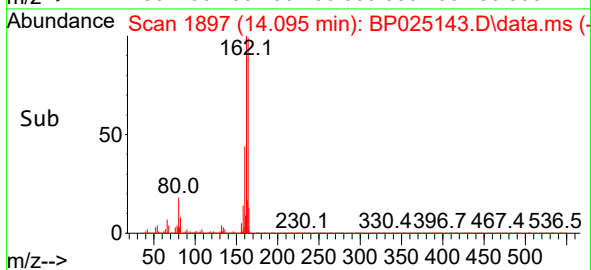
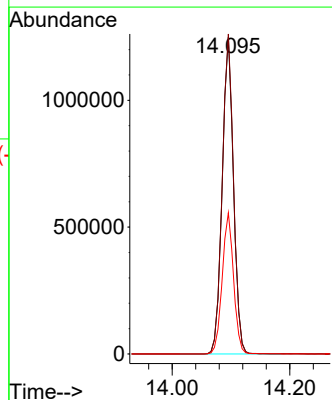
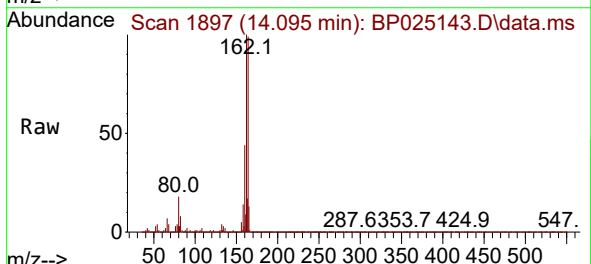
Instrument :
BNA_P
ClientSampleId :
TP-41

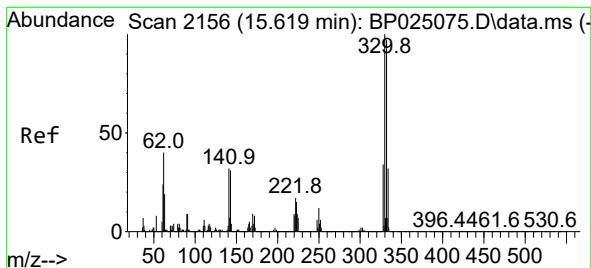
Tgt Ion: 82 Resp: 1890854
Ion Ratio Lower Upper
82 100
128 49.6 38.4 57.6
54 46.0 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Tgt Ion:164 Resp: 1662469
Ion Ratio Lower Upper
164 100
162 101.0 80.3 120.5
160 44.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 93.584 ng

RT: 15.619 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BP025143.D

Acq: 15 Jul 2025 13:07

Instrument :

BNA_P

ClientSampleId :

TP-41

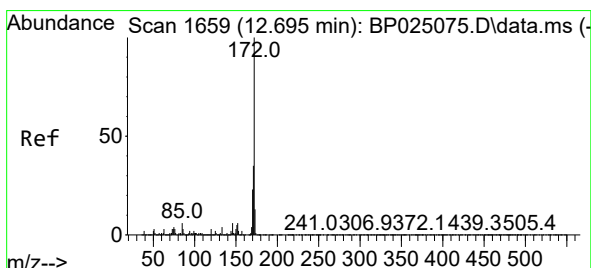
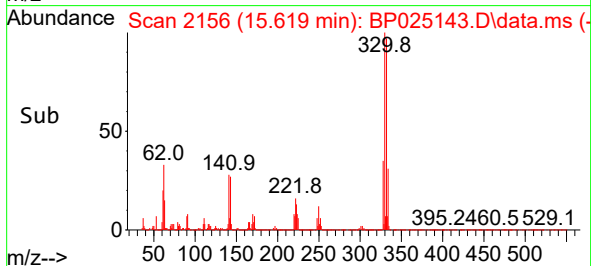
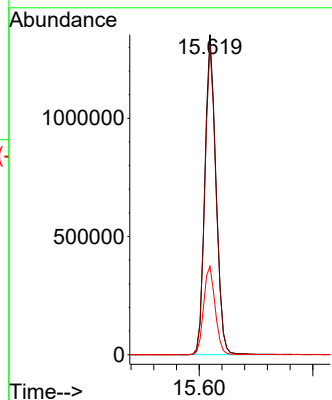
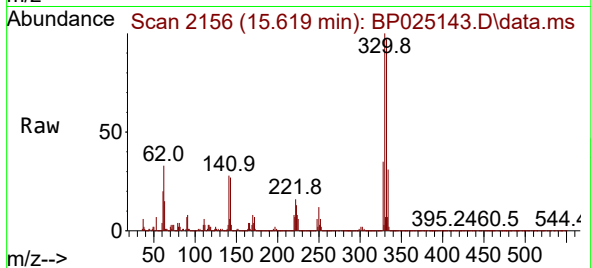
Tgt Ion:330 Resp: 1837924

Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 28.6 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 46.030 ng

RT: 12.695 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BP025143.D

Acq: 15 Jul 2025 13:07

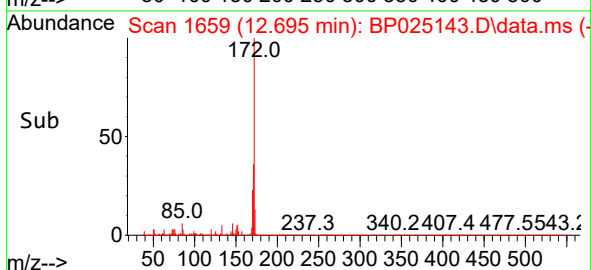
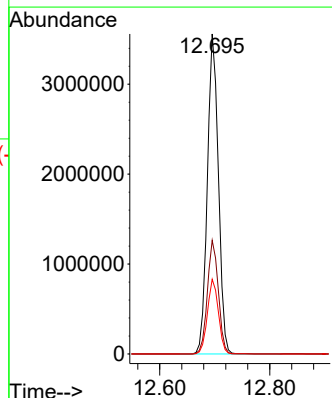
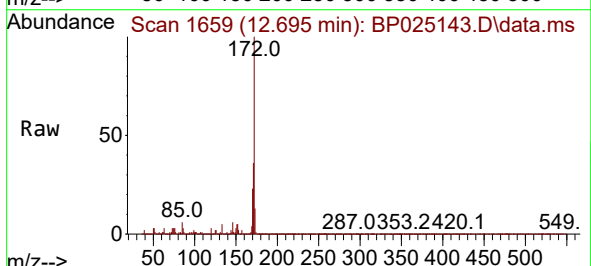
Tgt Ion:172 Resp: 4939649

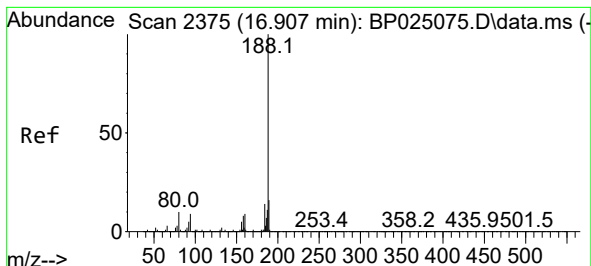
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.919 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025143.D

Acq: 15 Jul 2025 13:07

Instrument :

BNA_P

ClientSampleId :

TP-41

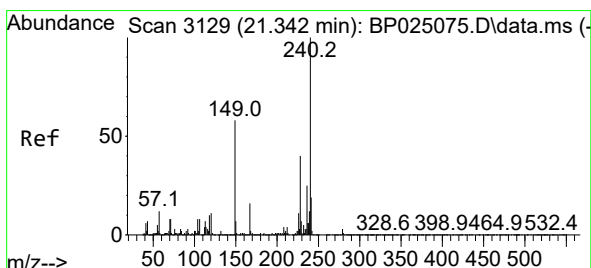
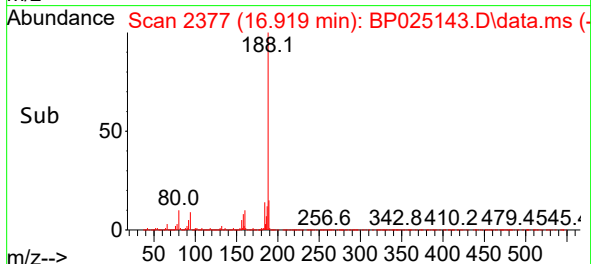
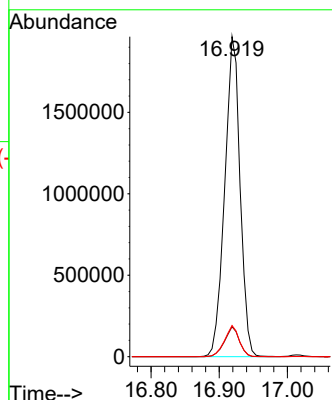
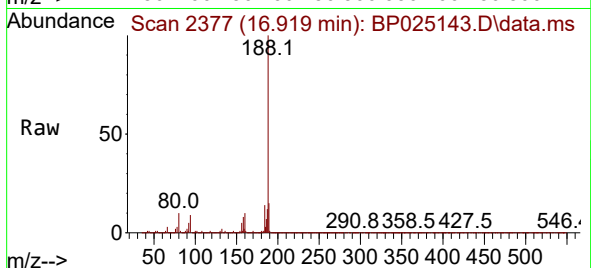
Tgt Ion:188 Resp: 3076517

Ion Ratio Lower Upper

188 100

94 9.4 7.3 10.9

80 9.8 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: BP025143.D

Acq: 15 Jul 2025 13:07

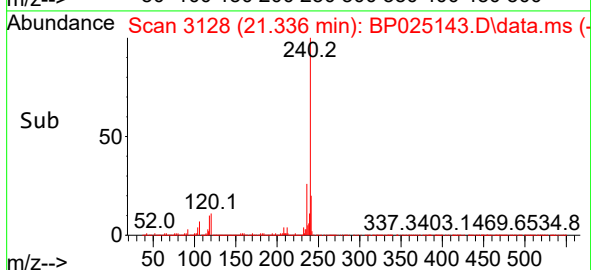
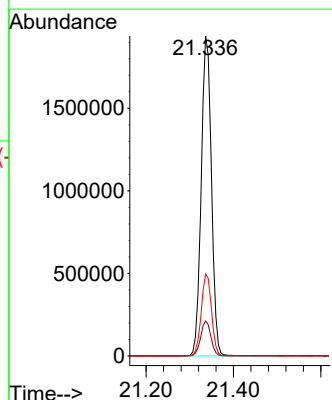
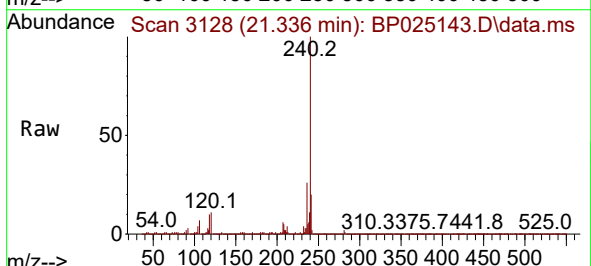
Tgt Ion:240 Resp: 3157084

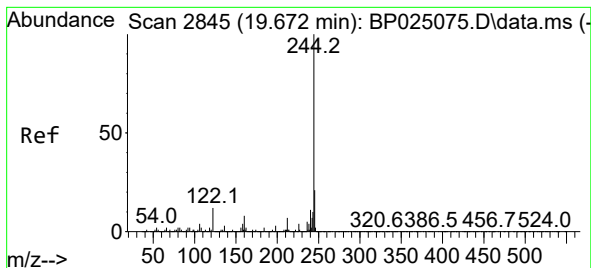
Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

236 25.7 20.3 30.5





#79

Terphenyl-d14

Concen: 51.040 ng

RT: 19.672 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025143.D

Acq: 15 Jul 2025 13:07

Instrument :

BNA_P

ClientSampleId :

TP-41

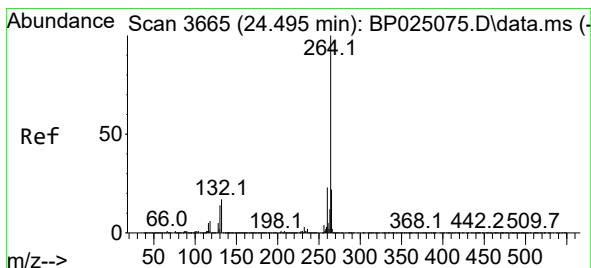
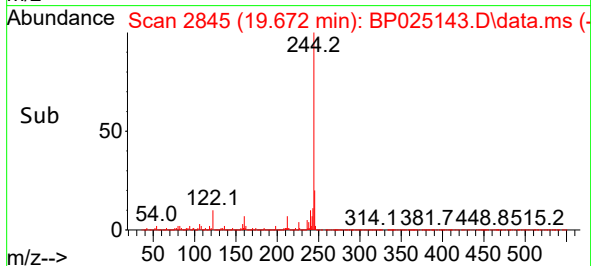
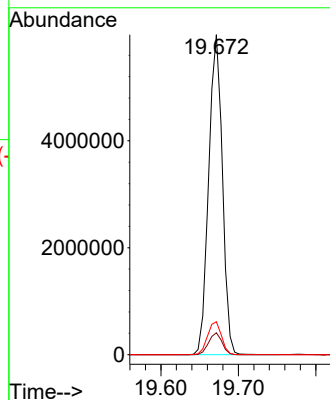
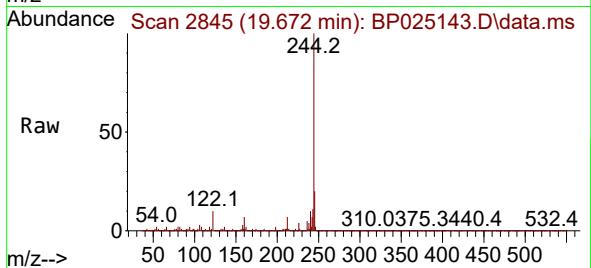
Tgt Ion:244 Resp: 7331795

Ion Ratio Lower Upper

244 100

212 6.9 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: BP025143.D

Acq: 15 Jul 2025 13:07

Tgt Ion:264 Resp: 3825648

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.9 17.7 26.5

