

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025028.D
 Acq On : 20 Jun 2025 21:50
 Operator : RC/JU
 Sample : Q2362-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EP-6

Quant Time: Jun 20 22:38:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

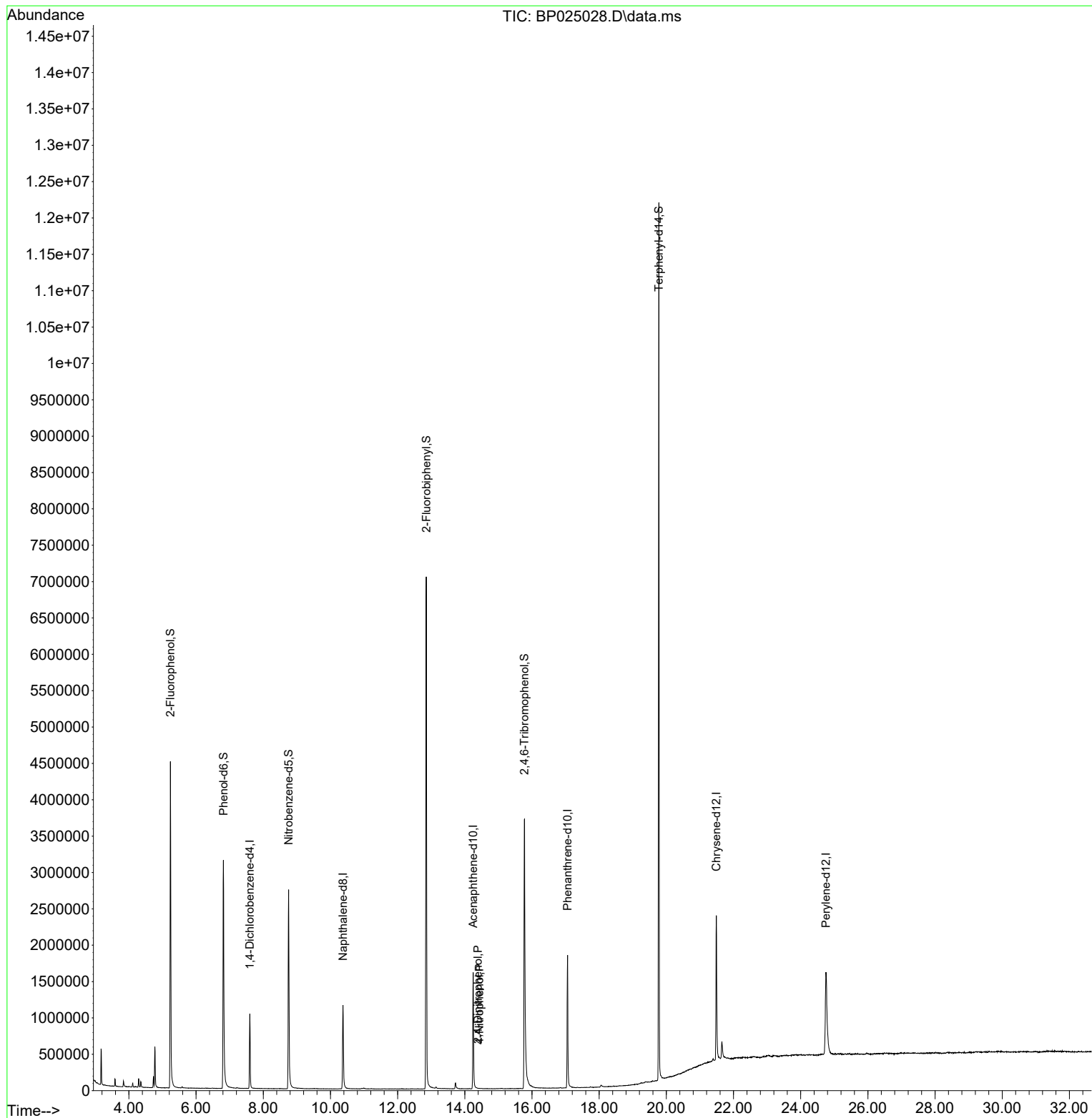
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	296010	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	1108837	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	656945	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1199360	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1330367	20.000	ng	0.00
86) Perylene-d12	24.753	264	1647699	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2148901	121.177	ng	0.00
7) Phenol-d6	6.813	99	2327275	99.187	ng	0.00
23) Nitrobenzene-d5	8.754	82	1803642	79.042	ng	0.00
42) 2,4,6-Tribromophenol	15.777	330	1222062	134.549	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3982775	81.670	ng	0.00
79) Terphenyl-d14	19.777	244	5599582	75.437	ng	-0.02
Target Compounds						
54) 2,4-Dinitrophenol	14.389	184	7	5.564	ng	# 1
56) 4-Nitrophenol	14.430	139	121	5.421	ng	86

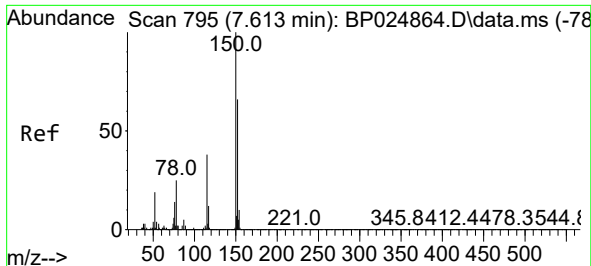
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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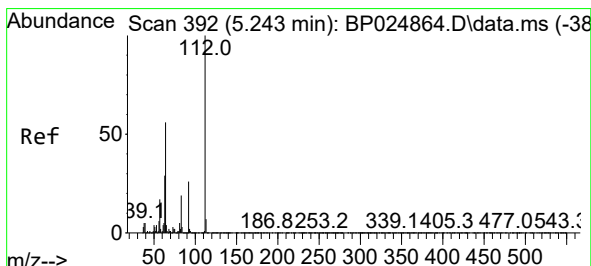
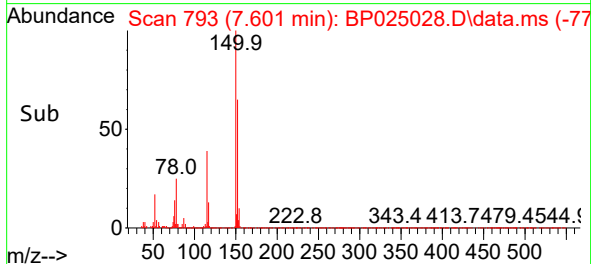
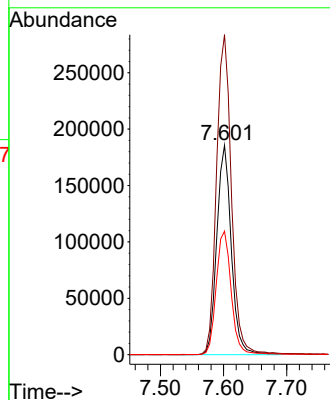
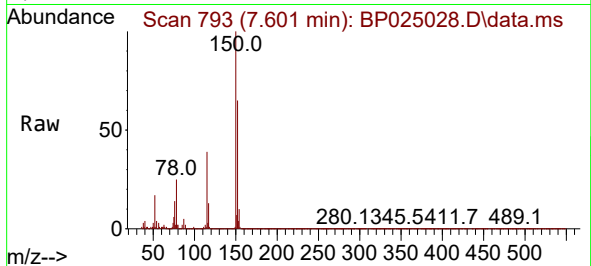




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.601 min Scan# 795
Delta R.T. -0.012 min
Lab File: BP025028.D
Acq: 20 Jun 2025 21:50

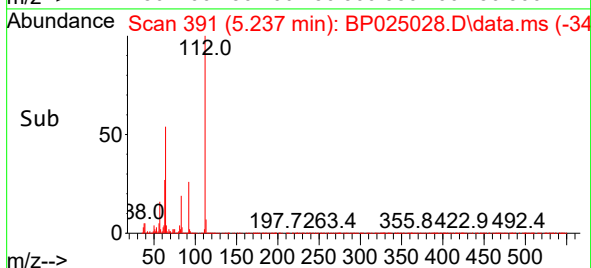
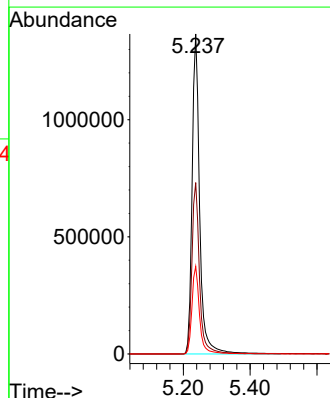
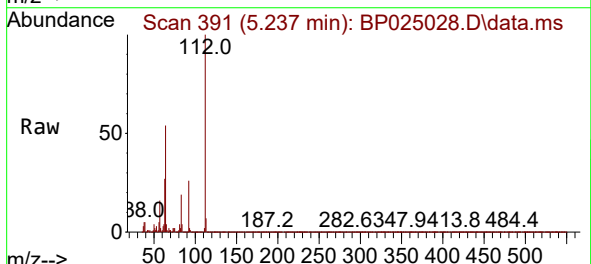
Instrument :
BNA_P
ClientSampleId :
EP-6

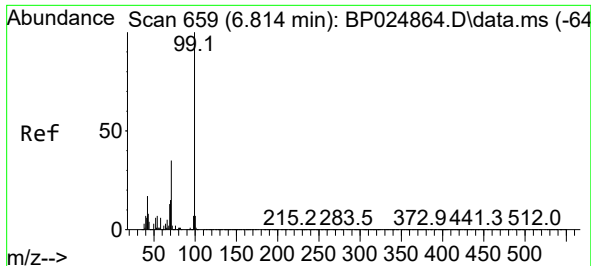
Tgt Ion:152 Resp: 296010
Ion Ratio Lower Upper
152 100
150 152.8 122.1 183.1
115 59.0 46.4 69.6



#5
2-Fluorophenol
Concen: 121.177 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025028.D
Acq: 20 Jun 2025 21:50

Tgt Ion:112 Resp: 2148901
Ion Ratio Lower Upper
112 100
64 53.5 44.7 67.1
63 27.4 23.5 35.3

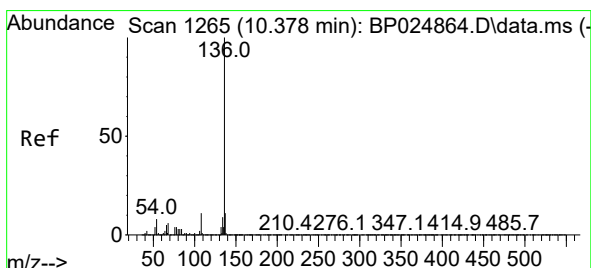
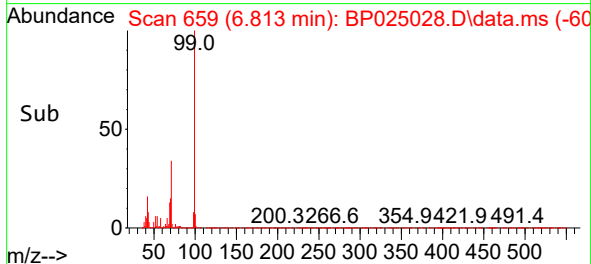
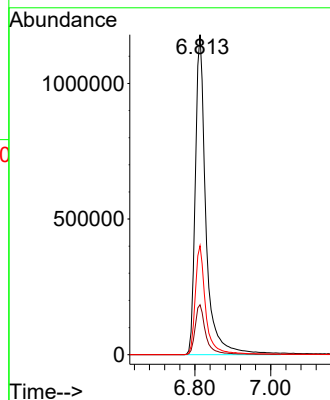
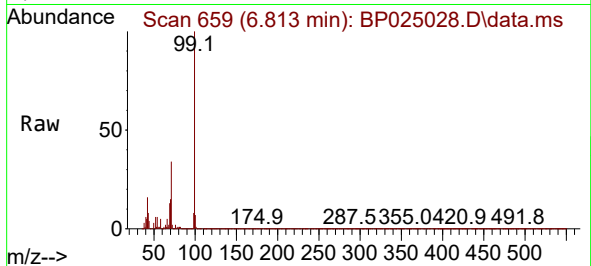




#7
Phenol-d6
Concen: 99.187 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025028.D
Acq: 20 Jun 2025 21:50

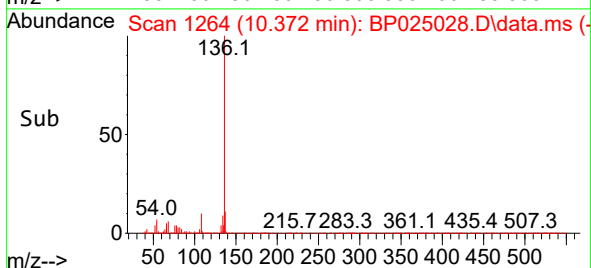
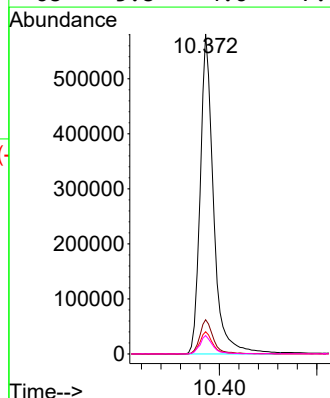
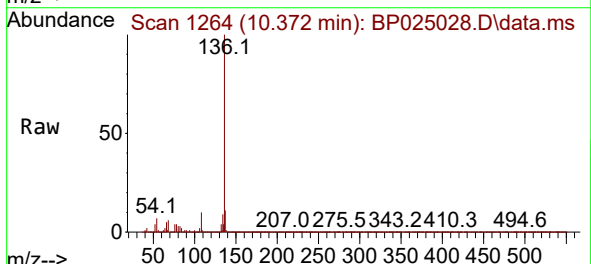
Instrument :
BNA_P
ClientSampleId :
EP-6

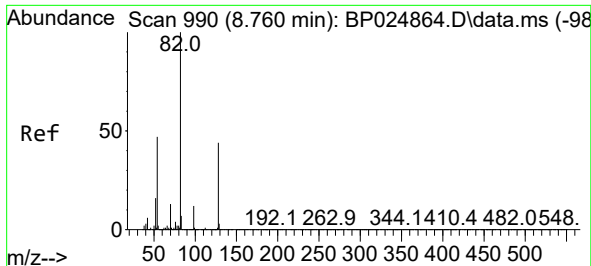
Tgt Ion: 99 Resp: 2327275
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.2
71 34.0 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP025028.D
Acq: 20 Jun 2025 21:50

Tgt Ion: 136 Resp: 1108837
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.0 6.1 9.1
68 5.8 4.6 7.0

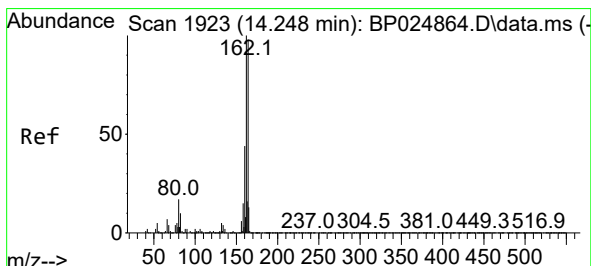
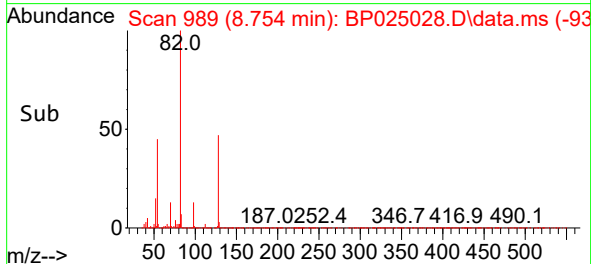
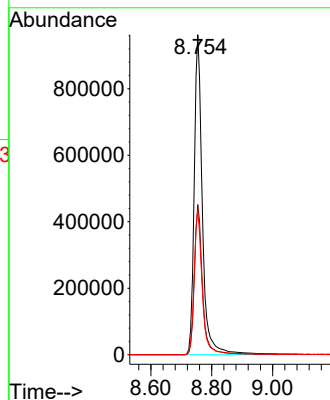
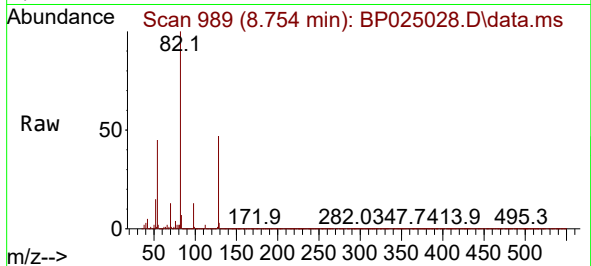




#23
Nitrobenzene-d5
Concen: 79.042 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025028.D
Acq: 20 Jun 2025 21:50

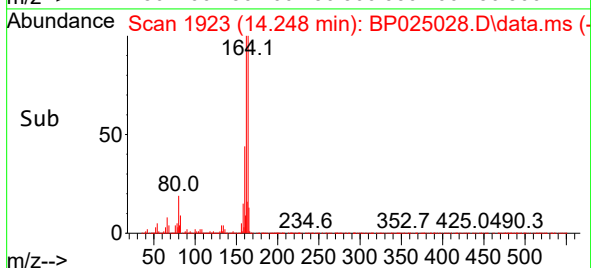
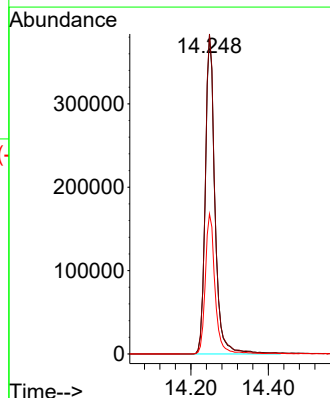
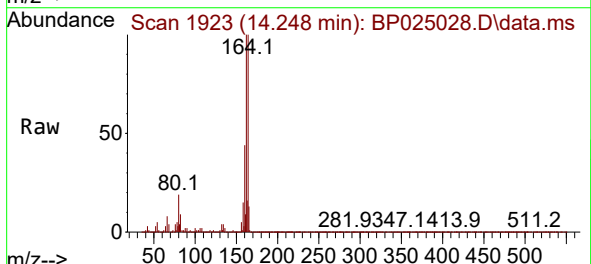
Instrument :
BNA_P
ClientSampleId :
EP-6

Tgt Ion: 82 Resp: 1803642
Ion Ratio Lower Upper
82 100
128 46.9 35.3 52.9
54 45.1 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP025028.D
Acq: 20 Jun 2025 21:50

Tgt Ion:164 Resp: 656945
Ion Ratio Lower Upper
164 100
162 100.4 81.6 122.4
160 43.9 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 134.549 ng

RT: 15.777 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BP025028.D

Acq: 20 Jun 2025 21:50

Instrument :

BNA_P

ClientSampleId :

EP-6

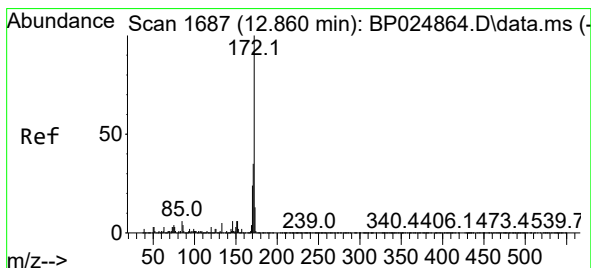
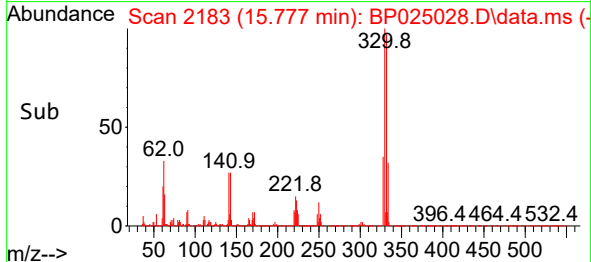
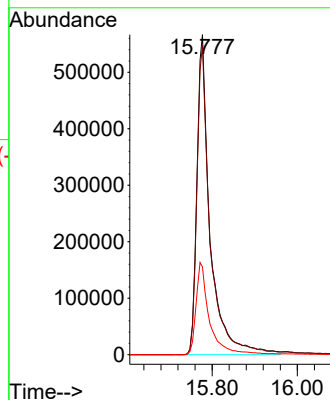
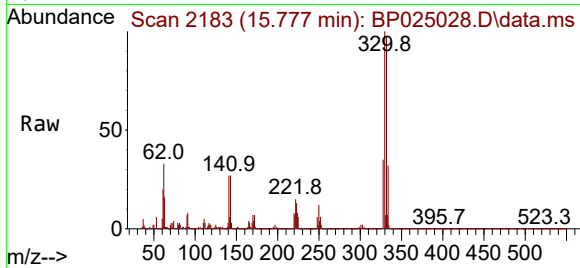
Tgt Ion:330 Resp: 1222062

Ion Ratio Lower Upper

330 100

332 98.5 77.7 116.5

141 29.1 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 81.670 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP025028.D

Acq: 20 Jun 2025 21:50

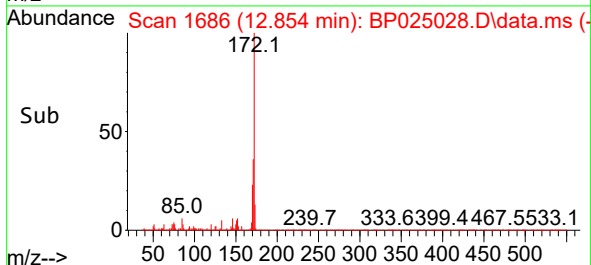
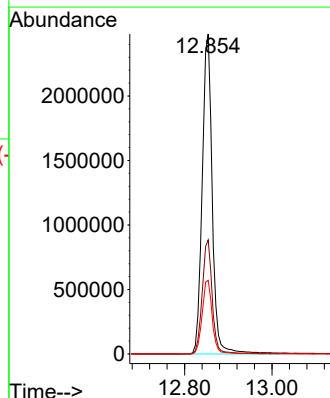
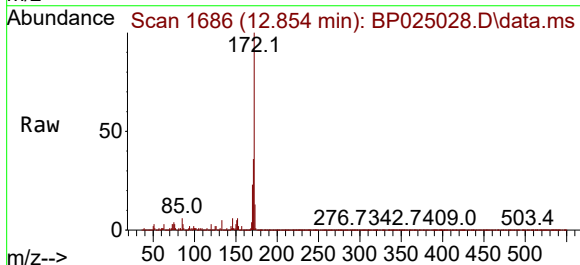
Tgt Ion:172 Resp: 3982775

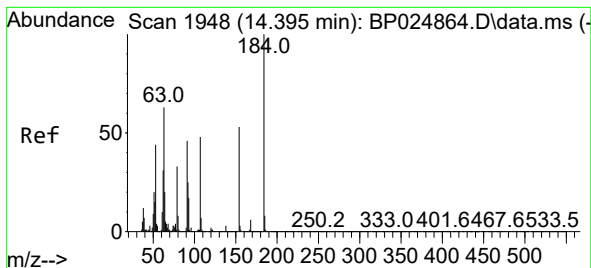
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.0 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.564 ng

RT: 14.389 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP025028.D

Acq: 20 Jun 2025 21:50

Instrument :

BNA_P

ClientSampleId :

EP-6

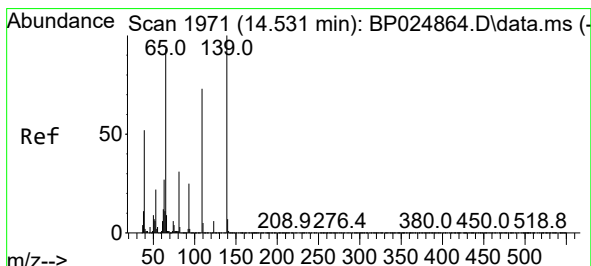
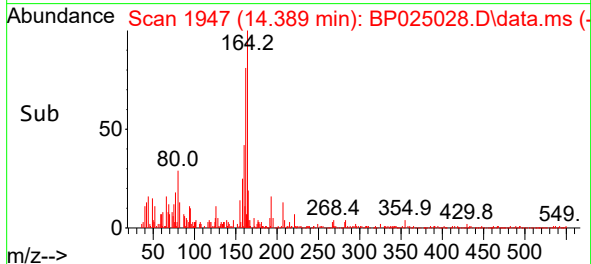
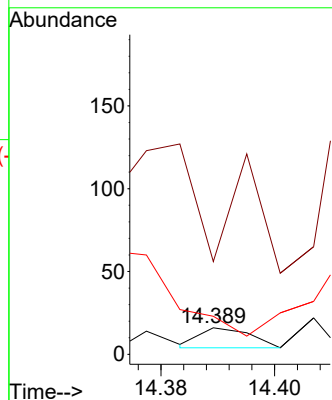
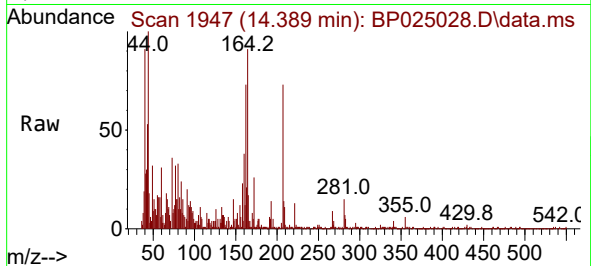
Tgt Ion:184 Resp: 7

Ion Ratio Lower Upper

184 100

63 215.4 51.0 76.4#

154 88.5 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.421 ng

RT: 14.430 min Scan# 1954

Delta R.T. -0.101 min

Lab File: BP025028.D

Acq: 20 Jun 2025 21:50

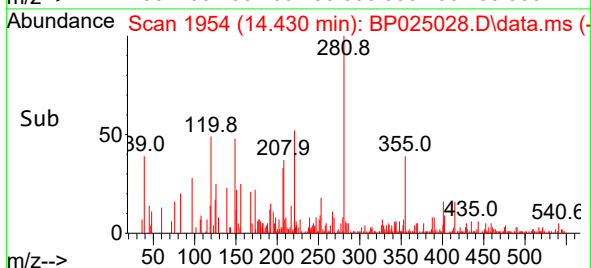
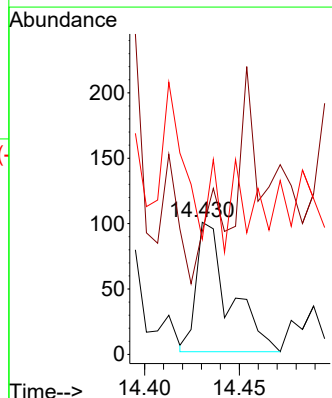
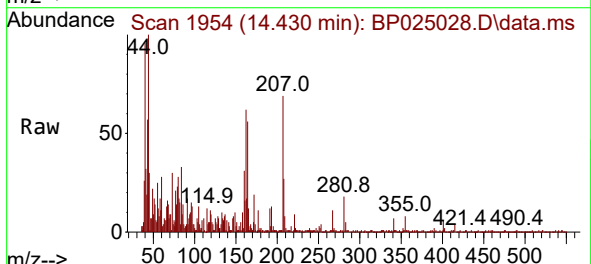
Tgt Ion:139 Resp: 121

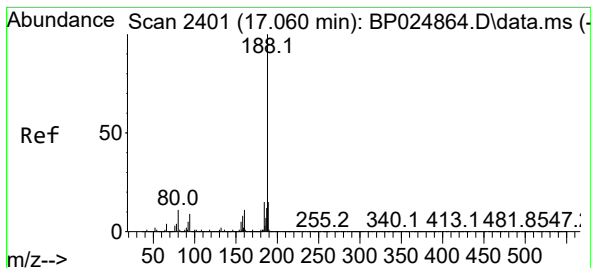
Ion Ratio Lower Upper

139 100

109 87.0 53.1 93.1

65 81.5 73.0 113.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.060 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BP025028.D

Acq: 20 Jun 2025 21:50

Instrument :

BNA_P

ClientSampleId :

EP-6

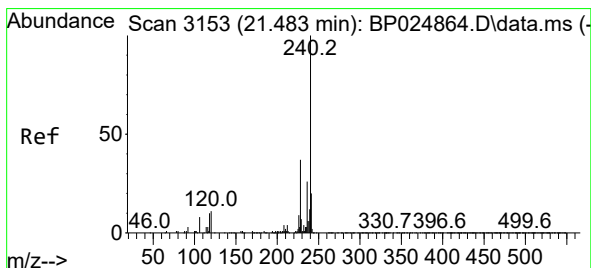
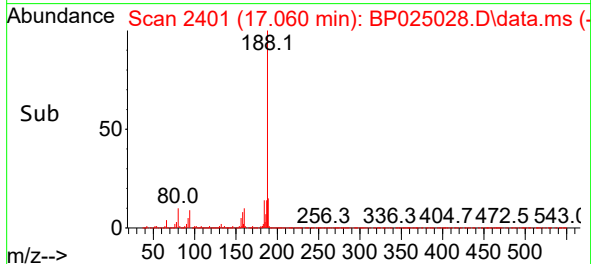
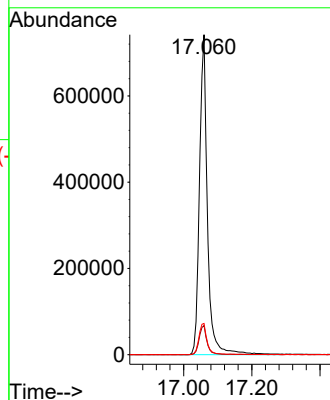
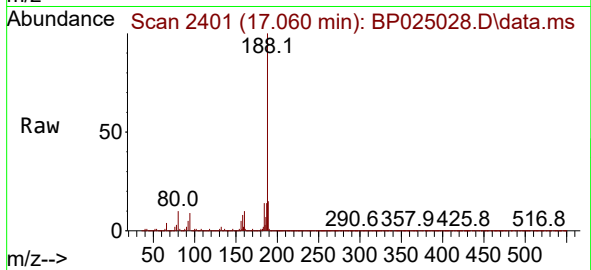
Tgt Ion:188 Resp: 1199360

Ion Ratio Lower Upper

188 100

94 9.1 7.3 10.9

80 9.8 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.489 min Scan# 3154

Delta R.T. 0.005 min

Lab File: BP025028.D

Acq: 20 Jun 2025 21:50

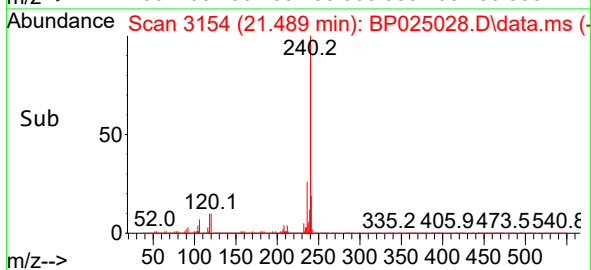
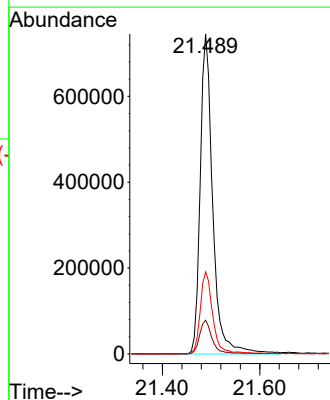
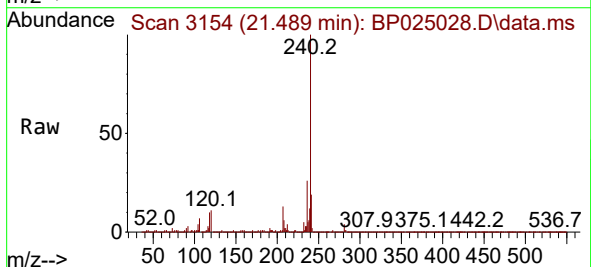
Tgt Ion:240 Resp: 1330367

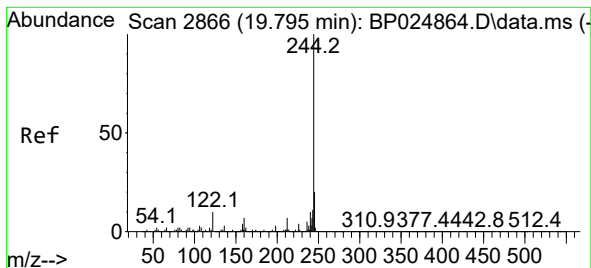
Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 75.437 ng

RT: 19.777 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025028.D

Acq: 20 Jun 2025 21:50

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EP-6

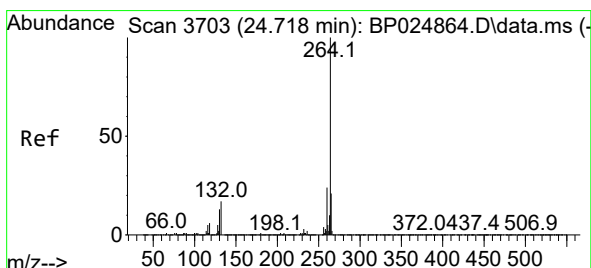
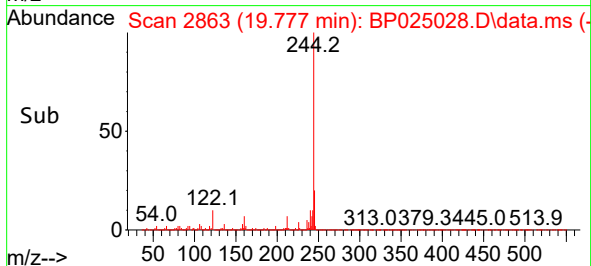
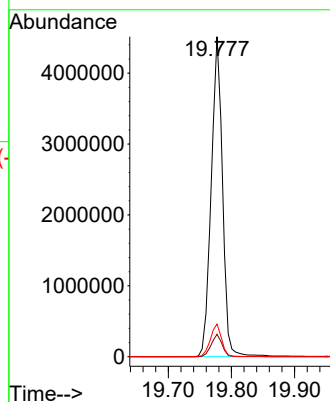
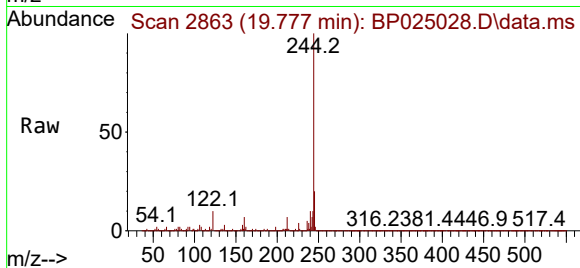
Tgt Ion:244 Resp: 5599582

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.753 min Scan# 3709

Delta R.T. 0.035 min

Lab File: BP025028.D

Acq: 20 Jun 2025 21:50

Tgt Ion:264 Resp: 1647699

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 22.0 17.4 26.0

