

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
 Data File : BP025080.D
 Acq On : 03 Jul 2025 16:59
 Operator : CG/JU
 Sample : PB168694BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168694BL

Quant Time: Jul 03 17:21:40 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	479829	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1886620	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1233849	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2632269	20.000	ng	0.00
76) Chrysene-d12	21.348	240	2750294	20.000	ng	0.00
86) Perylene-d12	24.500	264	2840436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.101	112	3671895	135.591	ng	0.00
7) Phenol-d6	6.631	99	4523841	128.010	ng	0.00
23) Nitrobenzene-d5	8.566	82	2602655	91.746	ng	0.00
42) 2,4,6-Tribromophenol	15.624	330	2046843	140.427	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	6968388	87.492	ng	0.00
79) Terphenyl-d14	19.689	244	11371065	90.867	ng	0.02

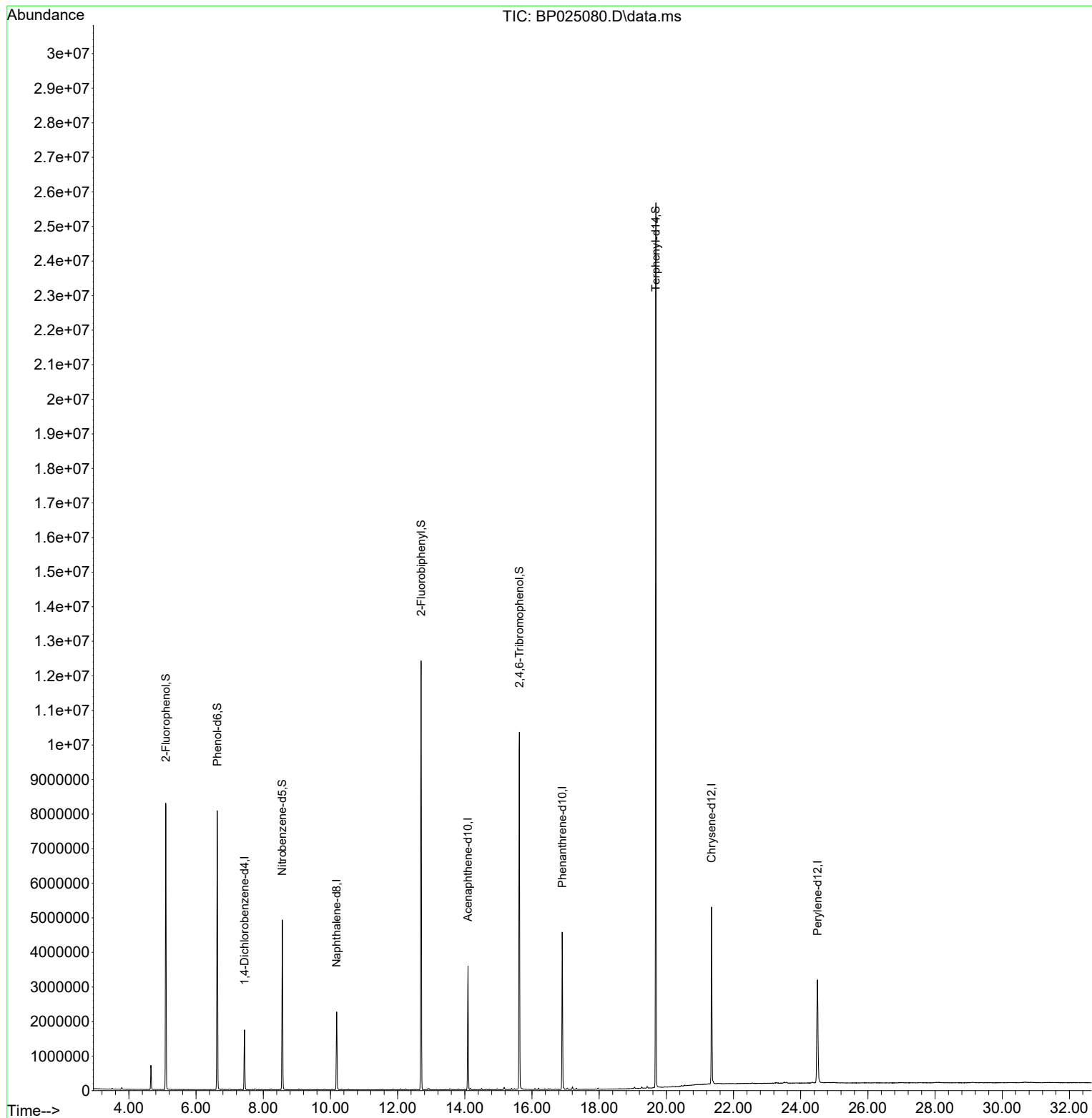
Target Compounds	Qvalue

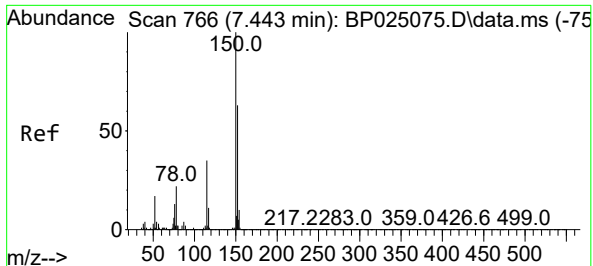
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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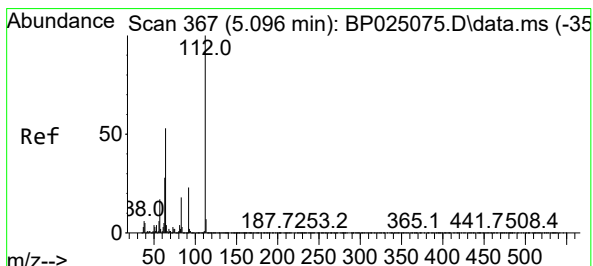
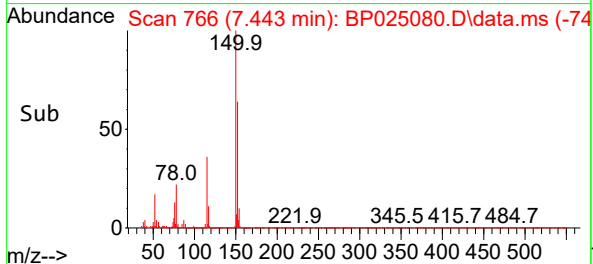
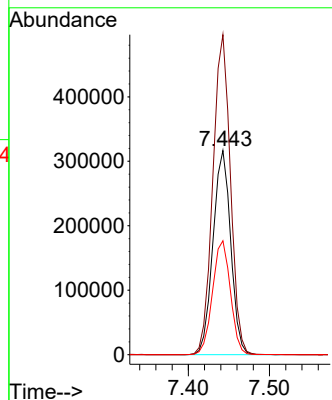
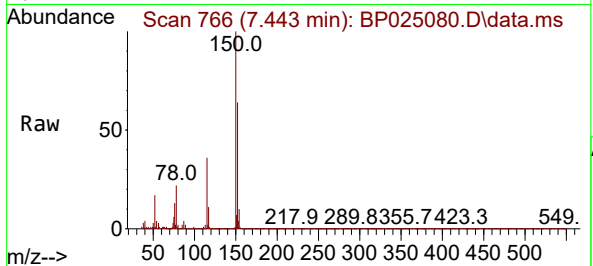




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

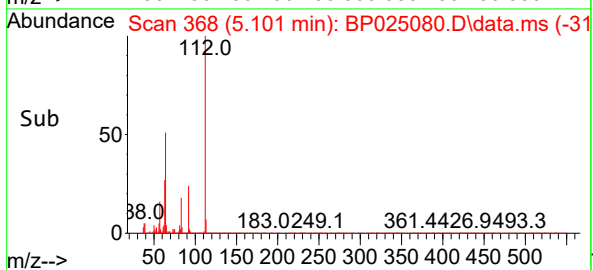
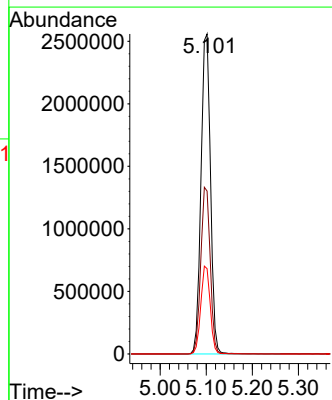
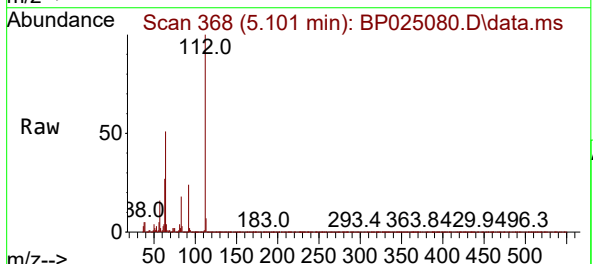
Instrument :
BNA_P
ClientSampleId :
PB168694BL

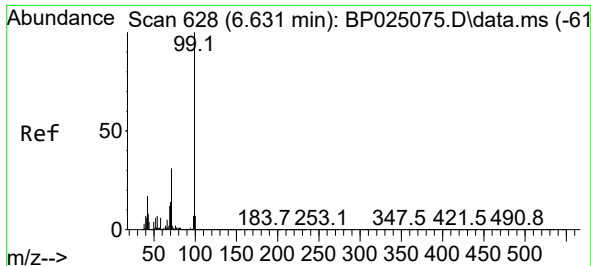
Tgt Ion:152 Resp: 479829
Ion Ratio Lower Upper
152 100
150 156.8 126.1 189.1
115 55.8 44.3 66.5



#5
2-Fluorophenol
Concen: 135.591 ng
RT: 5.101 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

Tgt Ion:112 Resp: 3671895
Ion Ratio Lower Upper
112 100
64 50.9 42.0 63.0
63 26.6 22.2 33.2

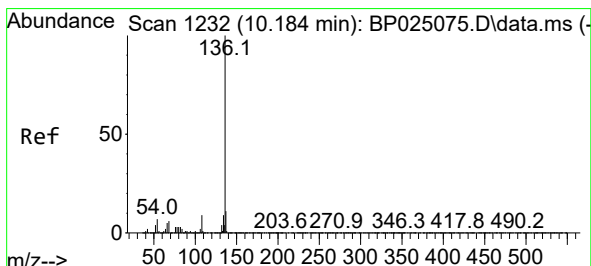
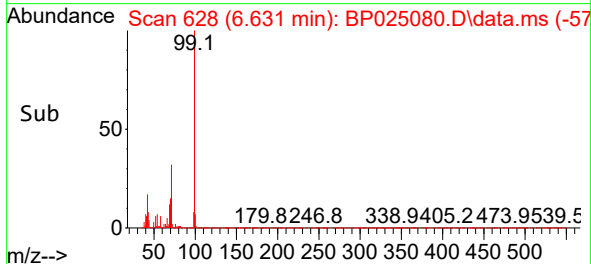
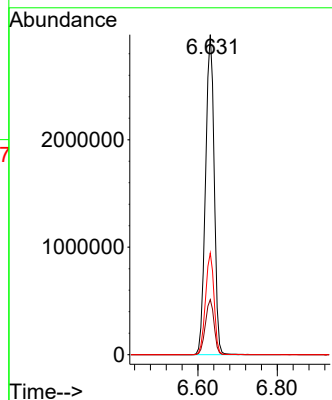
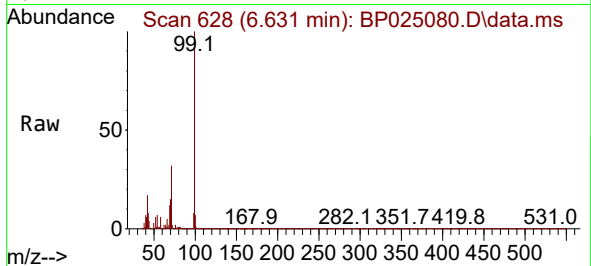




#7
Phenol-d6
Concen: 128.010 ng
RT: 6.631 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

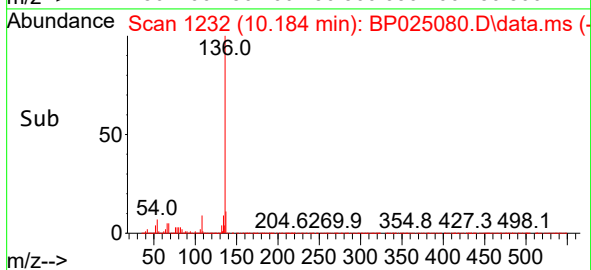
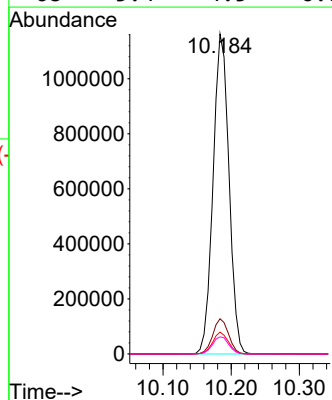
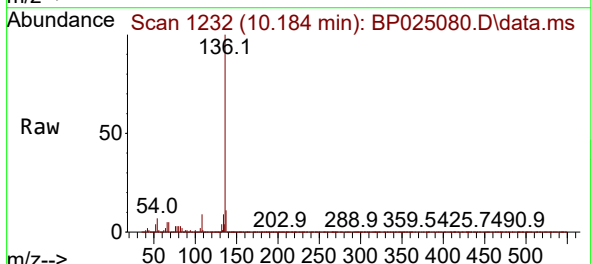
Instrument :
BNA_P
ClientSampleId :
PB168694BL

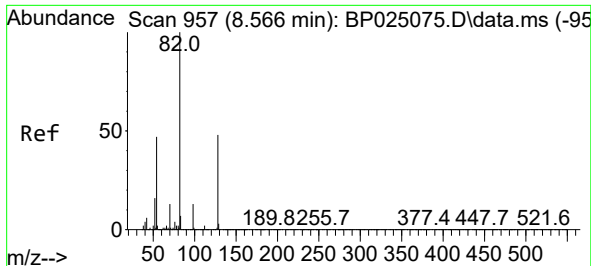
Tgt Ion: 99 Resp: 4523841
Ion Ratio Lower Upper
99 100
42 17.2 13.6 20.4
71 31.8 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

Tgt Ion:136 Resp: 1886620
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.9 5.4 8.2
68 5.4 4.5 6.7

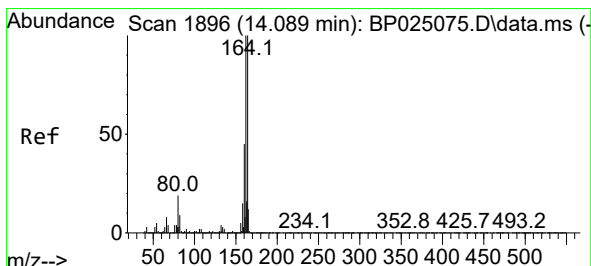
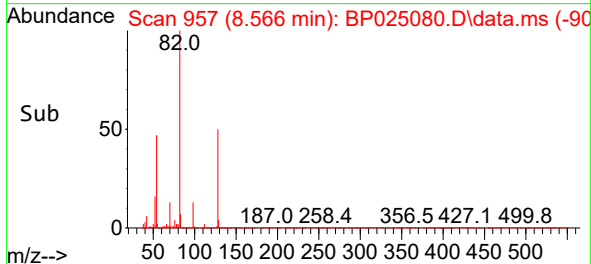
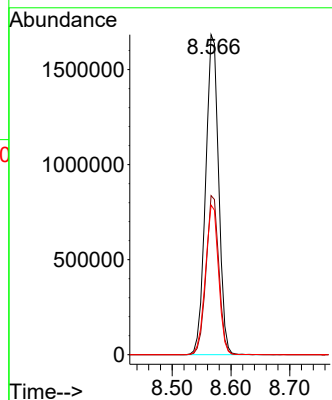
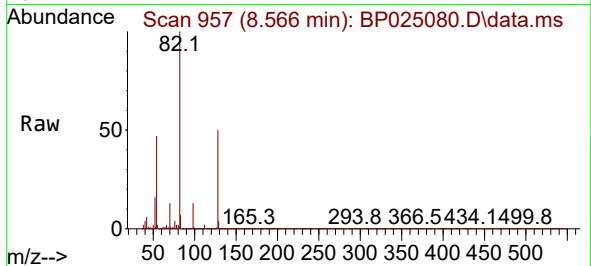




#23
Nitrobenzene-d5
Concen: 91.746 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

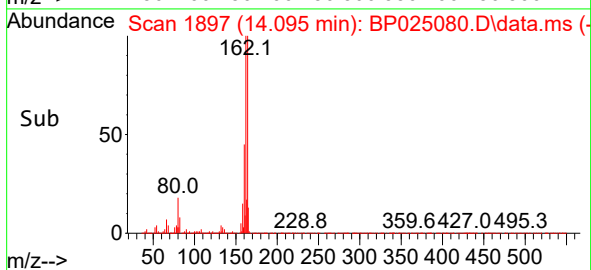
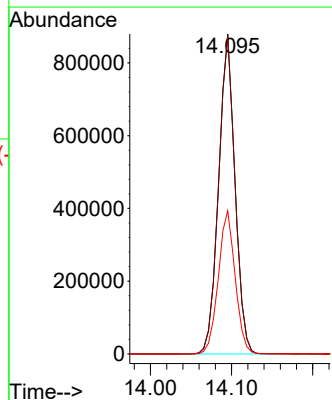
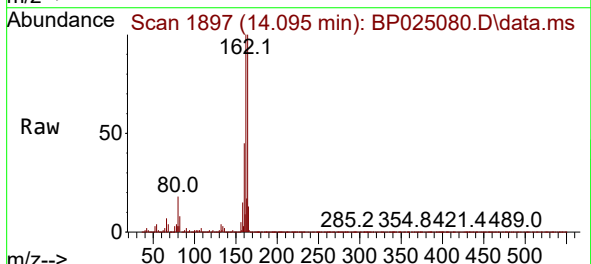
Instrument :
BNA_P
ClientSampleId :
PB168694BL

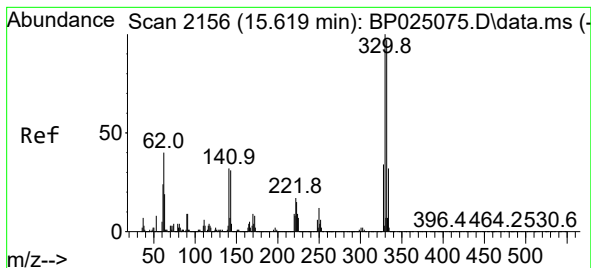
Tgt Ion: 82 Resp: 2602655
Ion Ratio Lower Upper
82 100
128 49.7 38.4 57.6
54 46.8 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025080.D
Acq: 03 Jul 2025 16:59

Tgt Ion:164 Resp: 1233849
Ion Ratio Lower Upper
164 100
162 99.7 80.3 120.5
160 44.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 140.427 ng

RT: 15.624 min Scan# 2156

Delta R.T. 0.006 min

Lab File: BP025080.D

Acq: 03 Jul 2025 16:59

Instrument :

BNA_P

ClientSampleId :

PB168694BL

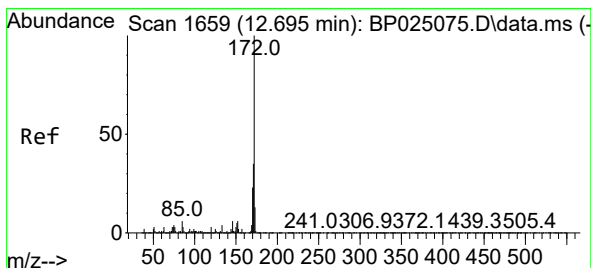
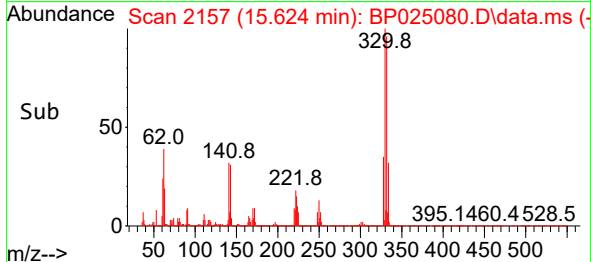
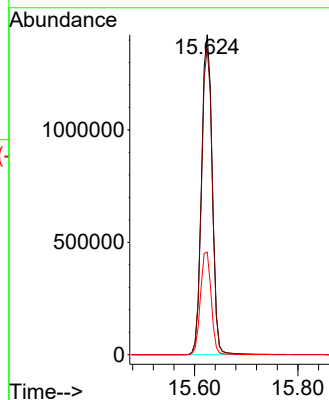
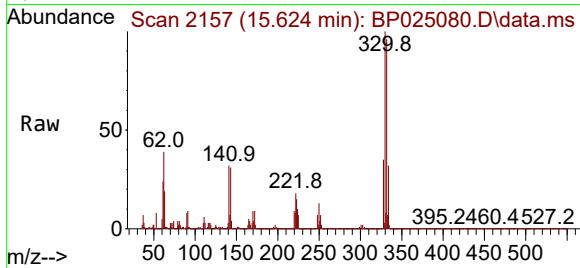
Tgt Ion:330 Resp: 2046843

Ion Ratio Lower Upper

330 100

332 96.5 77.7 116.5

141 32.3 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 87.492 ng

RT: 12.701 min Scan# 1660

Delta R.T. 0.006 min

Lab File: BP025080.D

Acq: 03 Jul 2025 16:59

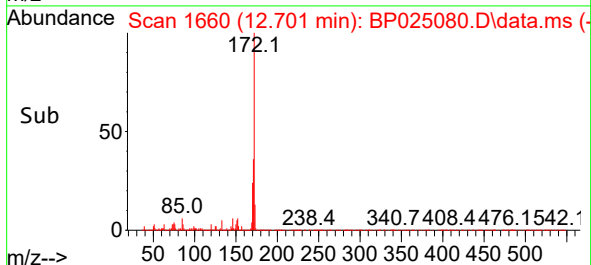
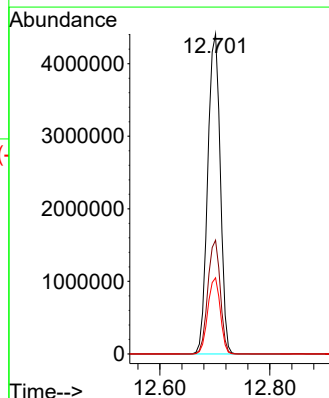
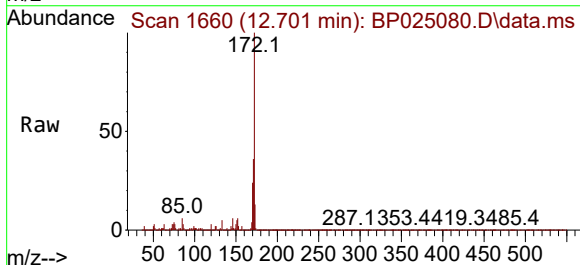
Tgt Ion:172 Resp: 6968388

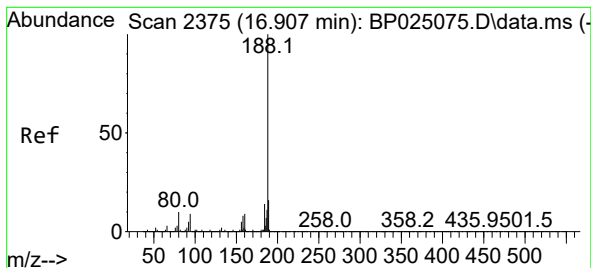
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.901 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025080.D

Acq: 03 Jul 2025 16:59

Instrument :

BNA_P

ClientSampleId :

PB168694BL

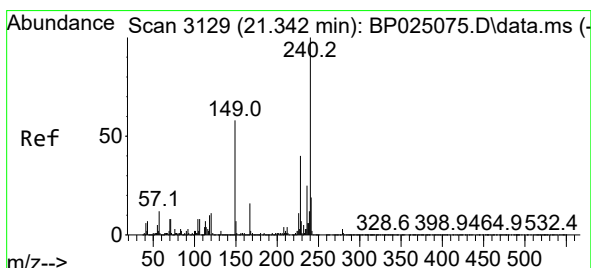
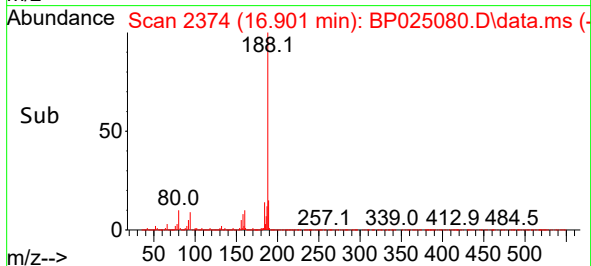
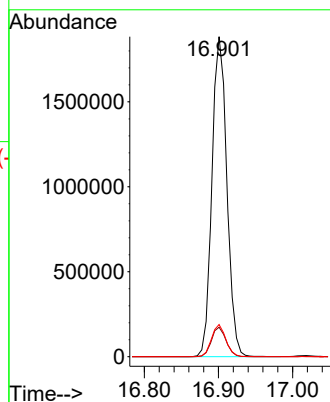
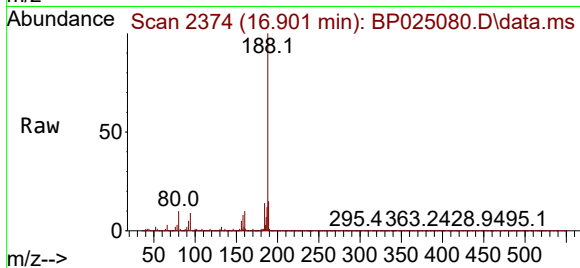
Tgt Ion:188 Resp: 2632269

Ion Ratio Lower Upper

188 100

94 9.2 7.3 10.9

80 10.0 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: BP025080.D

Acq: 03 Jul 2025 16:59

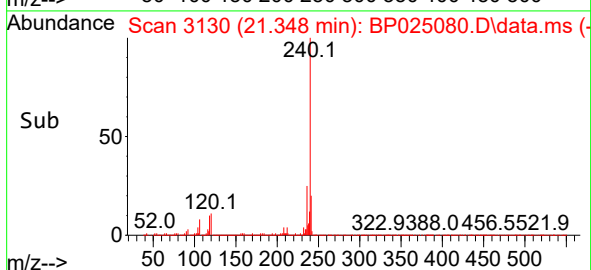
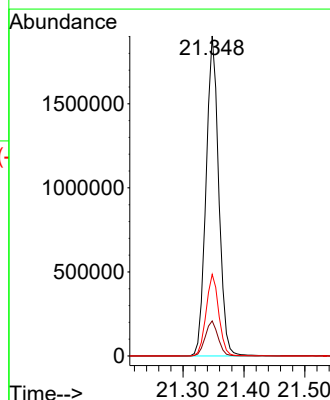
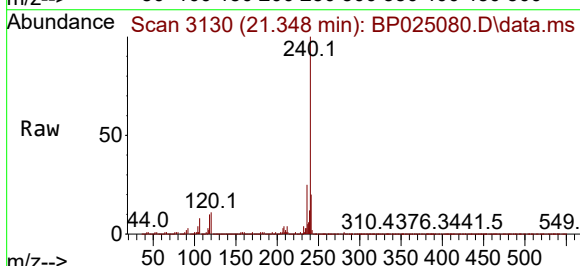
Tgt Ion:240 Resp: 2750294

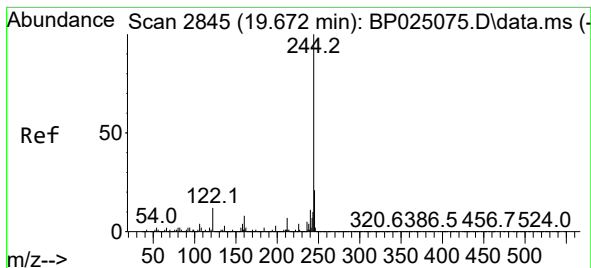
Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.4

236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 90.867 ng

RT: 19.689 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP025080.D

Acq: 03 Jul 2025 16:59

Instrument :

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PB168694BL

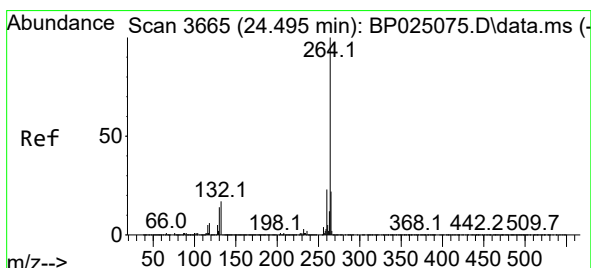
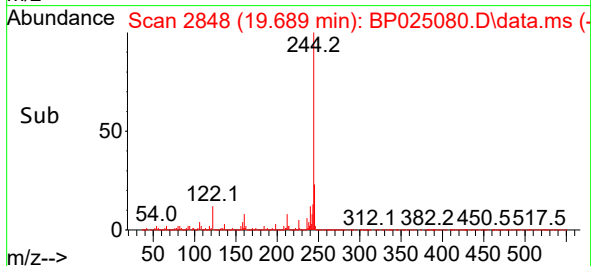
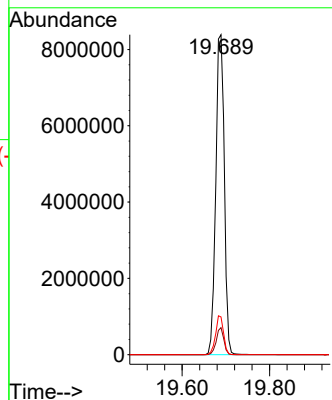
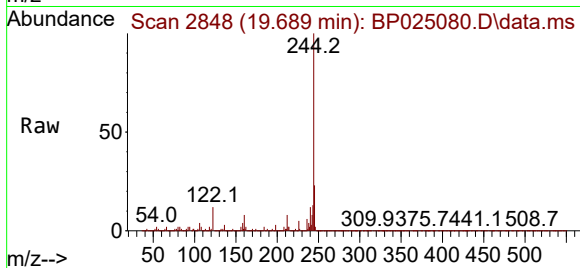
Tgt Ion:244 Resp:11371065

Ion Ratio Lower Upper

244 100

212 8.5 5.9 8.9

122 11.8 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.500 min Scan# 3666

Delta R.T. 0.006 min

Lab File: BP025080.D

Acq: 03 Jul 2025 16:59

Tgt Ion:264 Resp: 2840436

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 21.8 17.7 26.5

