

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025172.D
 Acq On : 17 Jul 2025 10:45
 Operator : CG/JU
 Sample : PB168875BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168875BL

Quant Time: Jul 17 11:57:11 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	565195	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1877532	20.000	ng	0.00
39) Acenaphthene-d10	14.101	164	1204832	20.000	ng	0.01
64) Phenanthrene-d10	16.913	188	2729441	20.000	ng	0.00
76) Chrysene-d12	21.354	240	3017440	20.000	ng	0.01
86) Perylene-d12	24.507	264	3052715	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4140164	129.792	ng	0.01
7) Phenol-d6	6.643	99	4955430	119.043	ng	0.01
23) Nitrobenzene-d5	8.572	82	2995091	106.091	ng	0.00
42) 2,4,6-Tribromophenol	15.637	330	2330339	163.727	ng	0.02
45) 2-Fluorobiphenyl	12.696	172	6991809	89.900	ng	0.00
79) Terphenyl-d14	19.683	244	12167134	88.621	ng	0.01

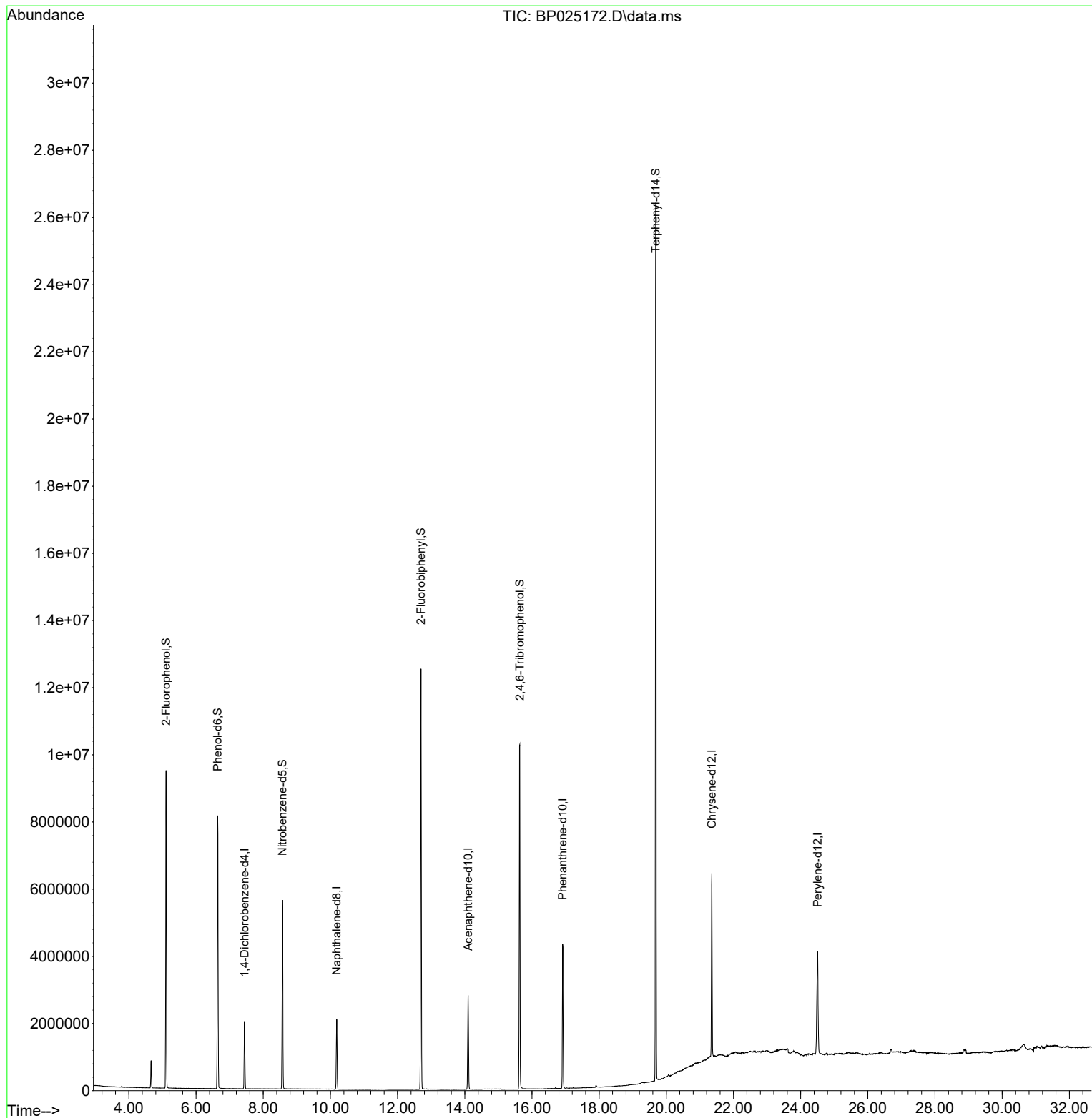
Target Compounds	Qvalue

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

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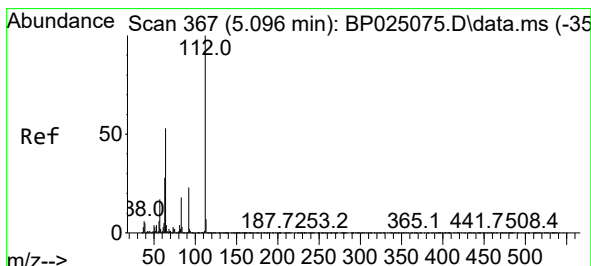
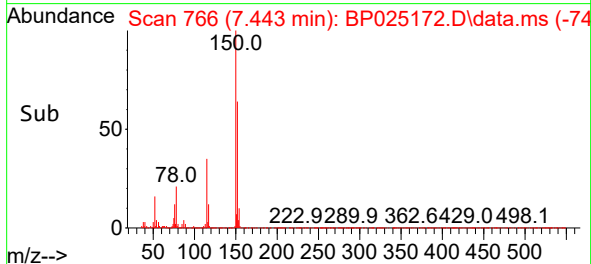
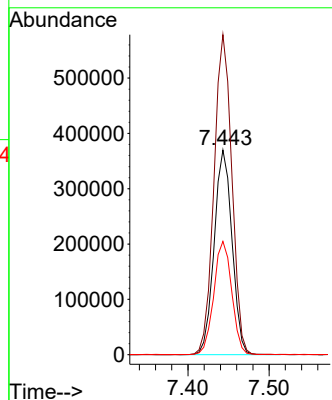
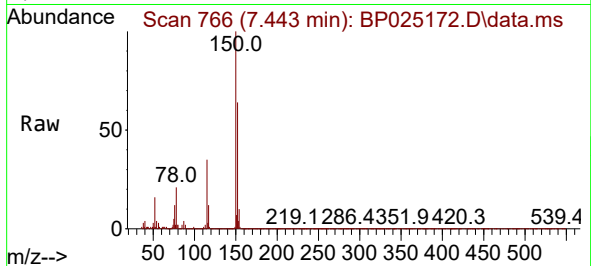




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

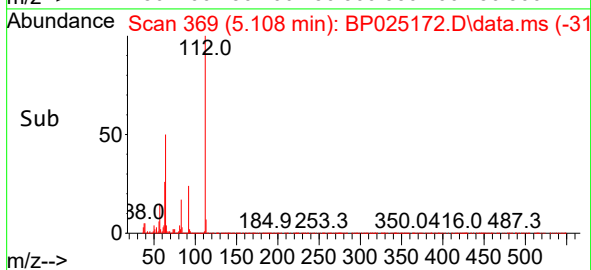
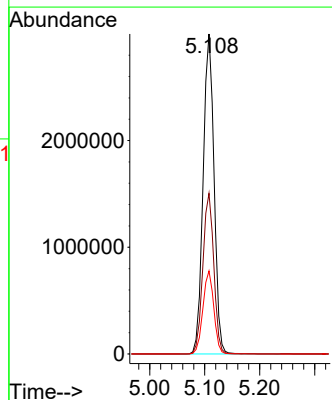
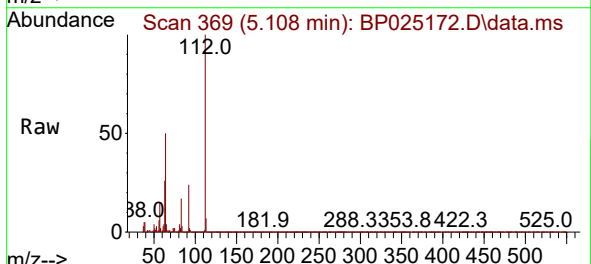
Instrument :
BNA_P
ClientSampleId :
PB168875BL

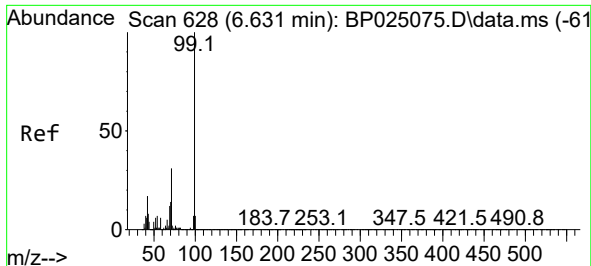
Tgt Ion:152 Resp: 565195
Ion Ratio Lower Upper
152 100
150 156.3 126.1 189.1
115 55.3 44.3 66.5



#5
2-Fluorophenol
Concen: 129.792 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

Tgt Ion:112 Resp: 4140164
Ion Ratio Lower Upper
112 100
64 50.2 42.0 63.0
63 26.0 22.2 33.2

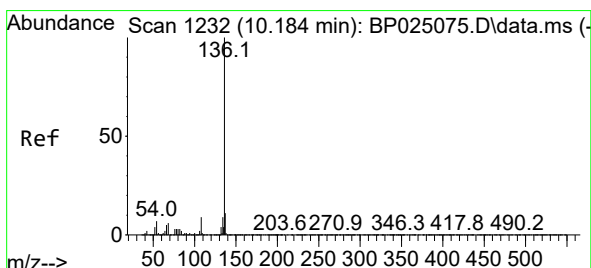
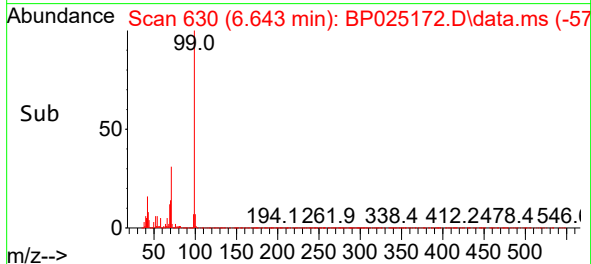
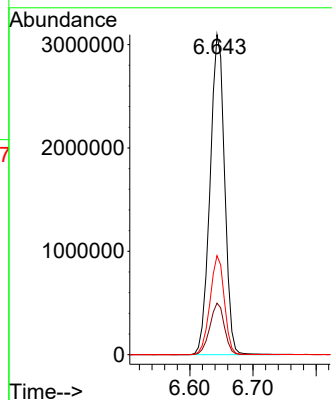
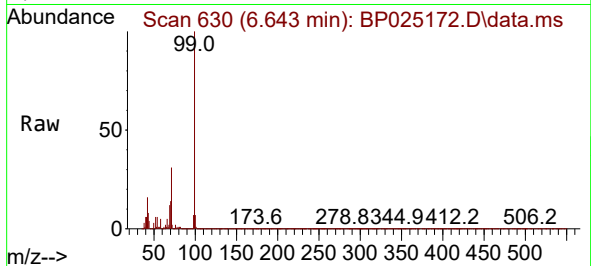




#7
Phenol-d6
Concen: 119.043 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

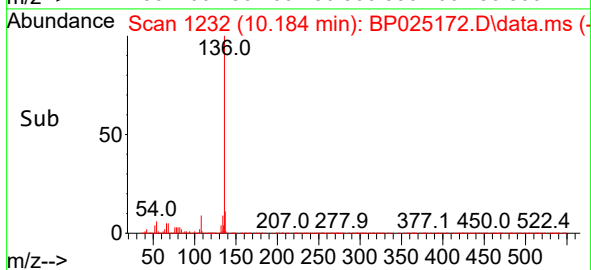
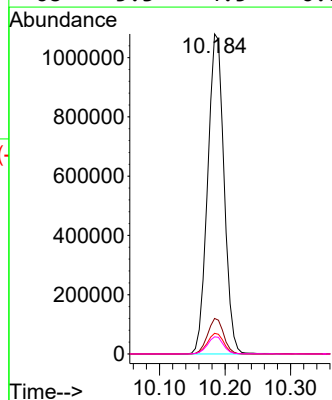
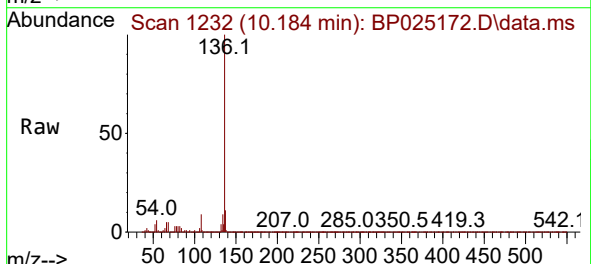
Instrument :
BNA_P
ClientSampleId :
PB168875BL

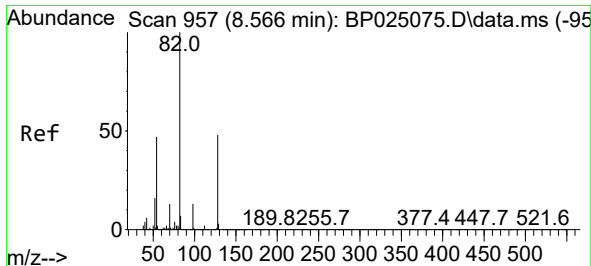
Tgt Ion: 99 Resp: 4955430
Ion Ratio Lower Upper
99 100
42 16.1 13.6 20.4
71 31.0 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

Tgt Ion: 136 Resp: 1877532
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.4 5.4 8.2
68 5.3 4.5 6.7

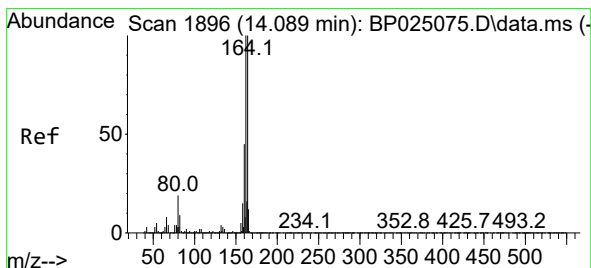
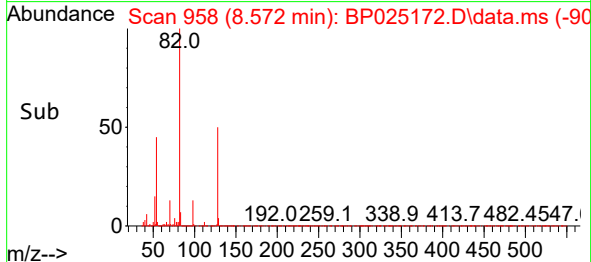
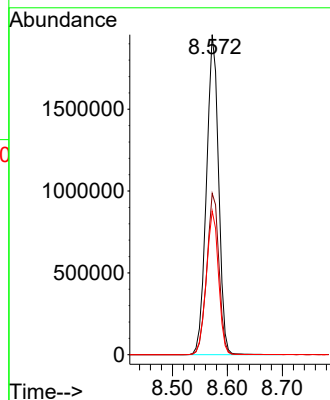
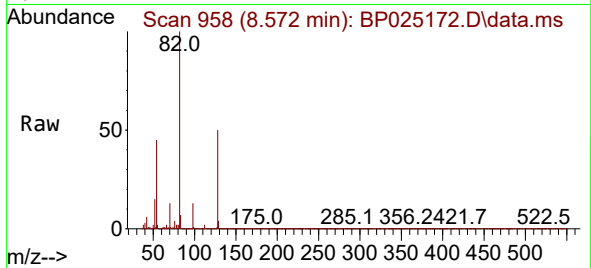




#23
Nitrobenzene-d5
Concen: 106.091 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

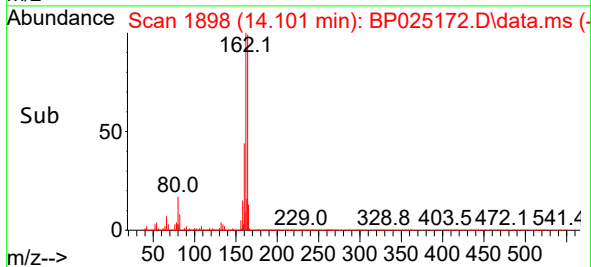
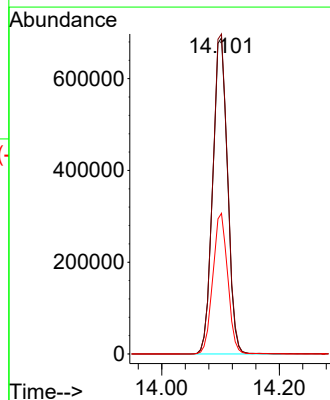
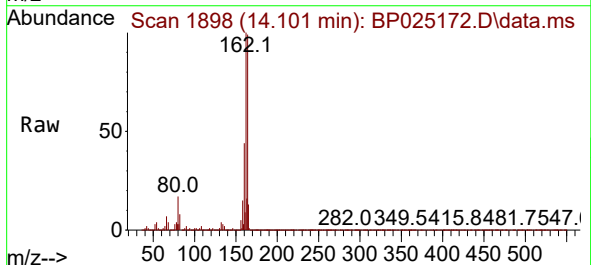
Instrument :
BNA_P
ClientSampleId :
PB168875BL

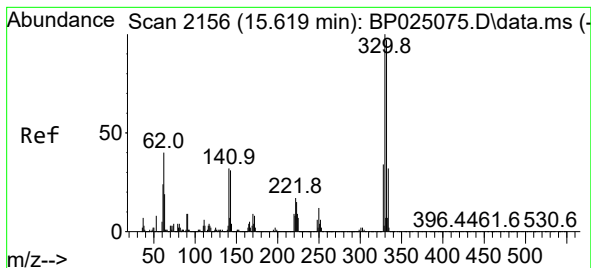
Tgt Ion: 82 Resp: 2995091
Ion Ratio Lower Upper
82 100
128 50.4 38.4 57.6
54 44.9 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1898
Delta R.T. 0.012 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

Tgt Ion: 164 Resp: 1204832
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 44.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 163.727 ng

RT: 15.637 min Scan# 2156

Delta R.T. 0.018 min

Lab File: BP025172.D

Acq: 17 Jul 2025 10:45

Instrument :

BNA_P

ClientSampleId :

PB168875BL

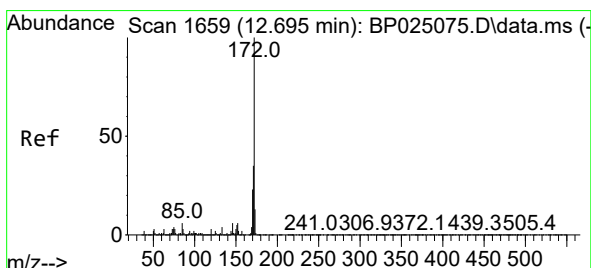
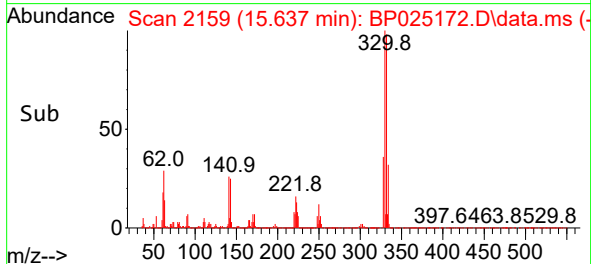
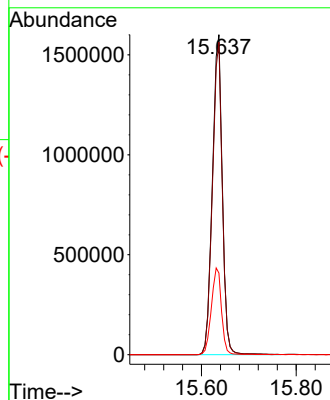
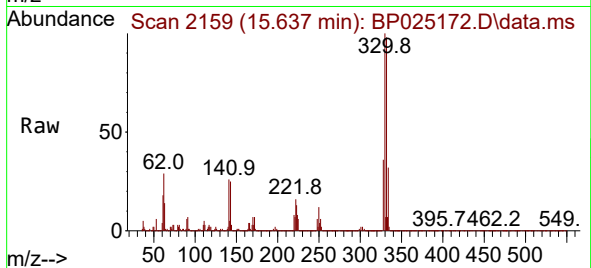
Tgt Ion:330 Resp: 2330339

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

141 27.6 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 89.900 ng

RT: 12.696 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BP025172.D

Acq: 17 Jul 2025 10:45

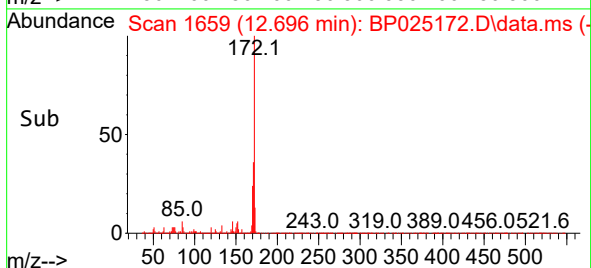
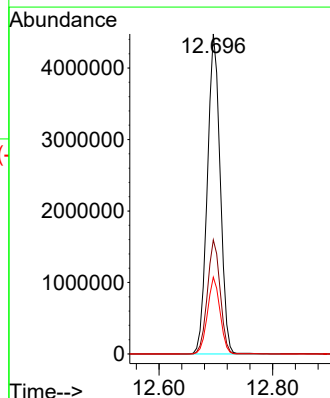
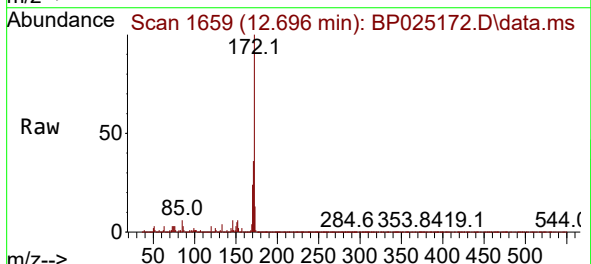
Tgt Ion:172 Resp: 6991809

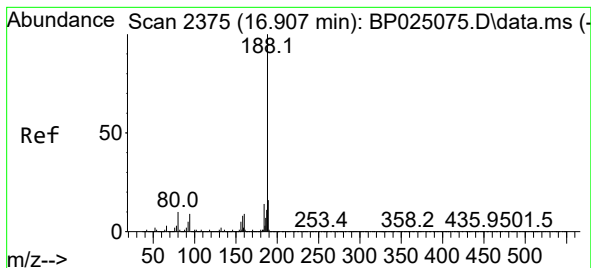
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 24.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.913 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025172.D

Acq: 17 Jul 2025 10:45

Instrument :

BNA_P

ClientSampleId :

PB168875BL

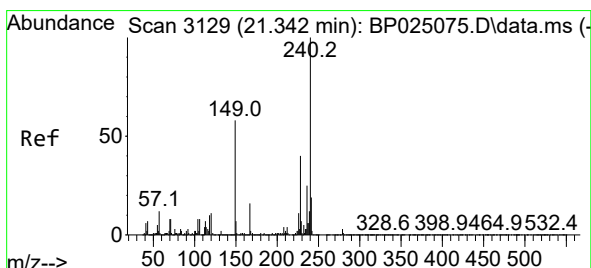
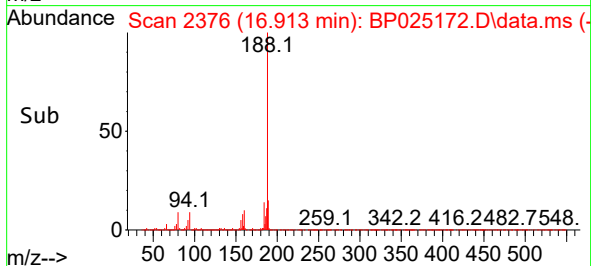
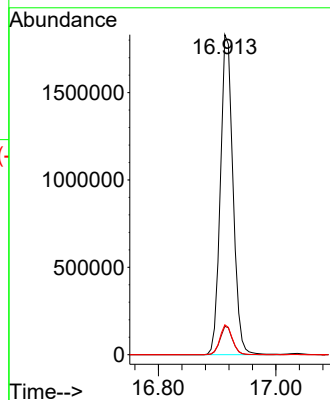
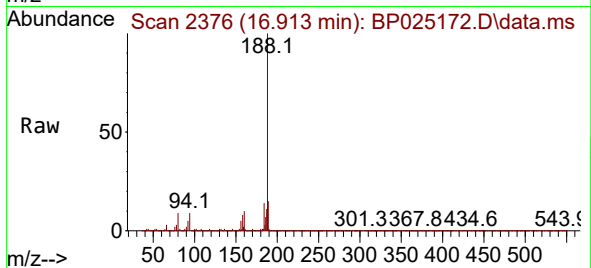
Tgt Ion:188 Resp: 2729441

Ion Ratio Lower Upper

188 100

94 8.9 7.3 10.9

80 9.3 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.354 min Scan# 3131

Delta R.T. 0.012 min

Lab File: BP025172.D

Acq: 17 Jul 2025 10:45

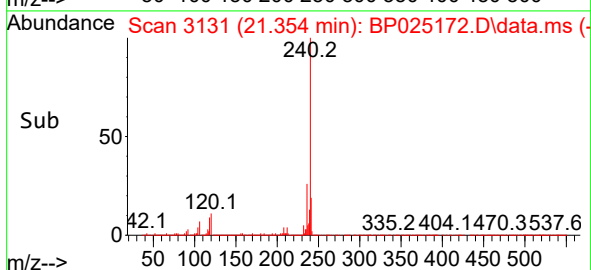
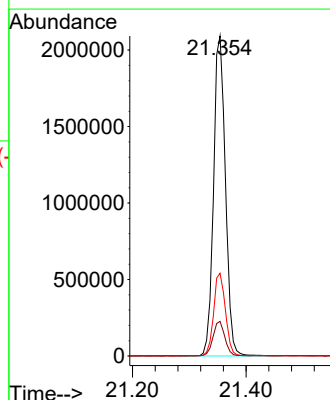
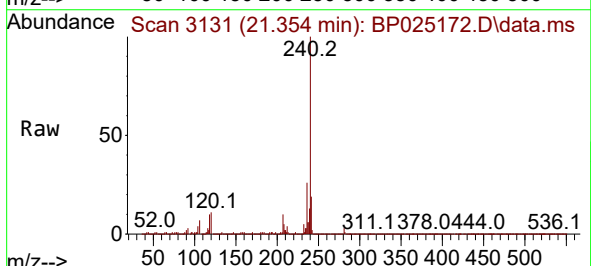
Tgt Ion:240 Resp: 3017440

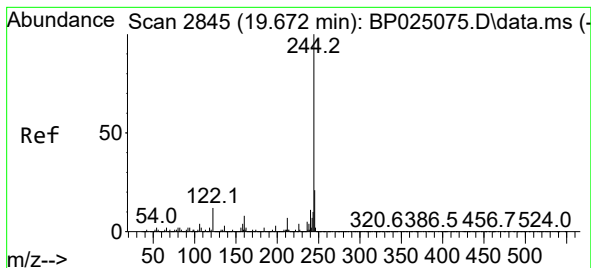
Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.4

236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 88.621 ng

RT: 19.683 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025172.D

Acq: 17 Jul 2025 10:45

Instrument :

BNA_P

ClientSampleId :

PB168875BL

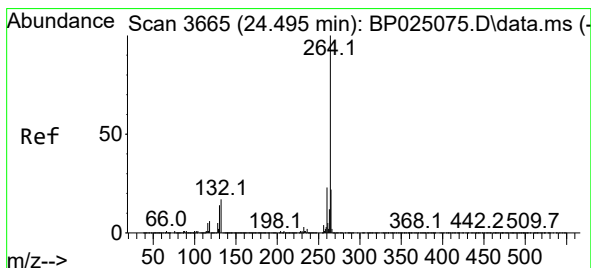
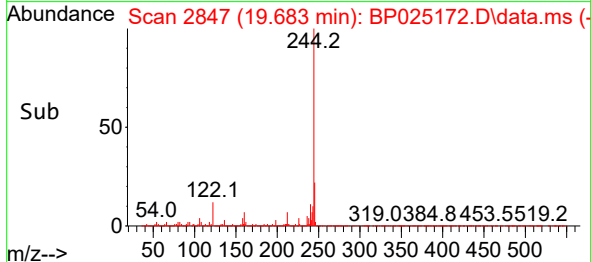
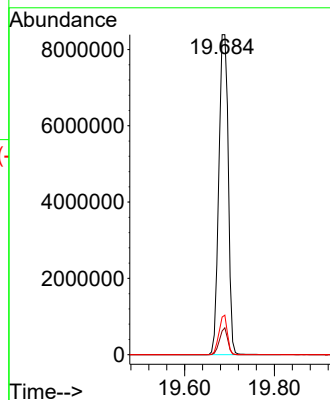
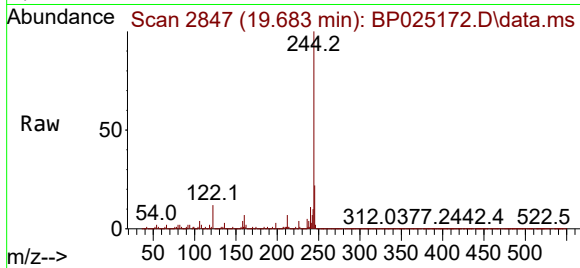
Tgt Ion:244 Resp:12167134

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.8 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.507 min Scan# 3667

Delta R.T. 0.012 min

Lab File: BP025172.D

Acq: 17 Jul 2025 10:45

Tgt Ion:264 Resp: 3052715

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.9 17.7 26.5

