

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025559.D
 Acq On : 22 Aug 2025 21:46
 Operator : CG/JU
 Sample : Q2909-01 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 4065

Quant Time: Aug 25 01:20:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	184920	20.000	ng	-0.02
21) Naphthalene-d8	10.554	136	730298	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	454623	20.000	ng	-0.01
64) Phenanthrene-d10	17.183	188	861857	20.000	ng	#-0.02
76) Chrysene-d12	21.636	240	786354	20.000	ng	-0.01
86) Perylene-d12	25.024	264	990933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	14450	1.298	ng	0.00
7) Phenol-d6	6.966	99	22332	1.564	ng	0.00
23) Nitrobenzene-d5	8.925	82	20813	1.442	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	15797	2.582	ng	-0.01
45) 2-Fluorobiphenyl	13.007	172	71690	2.155	ng	-0.01
79) Terphenyl-d14	19.919	244	101610	2.364	ng	0.00

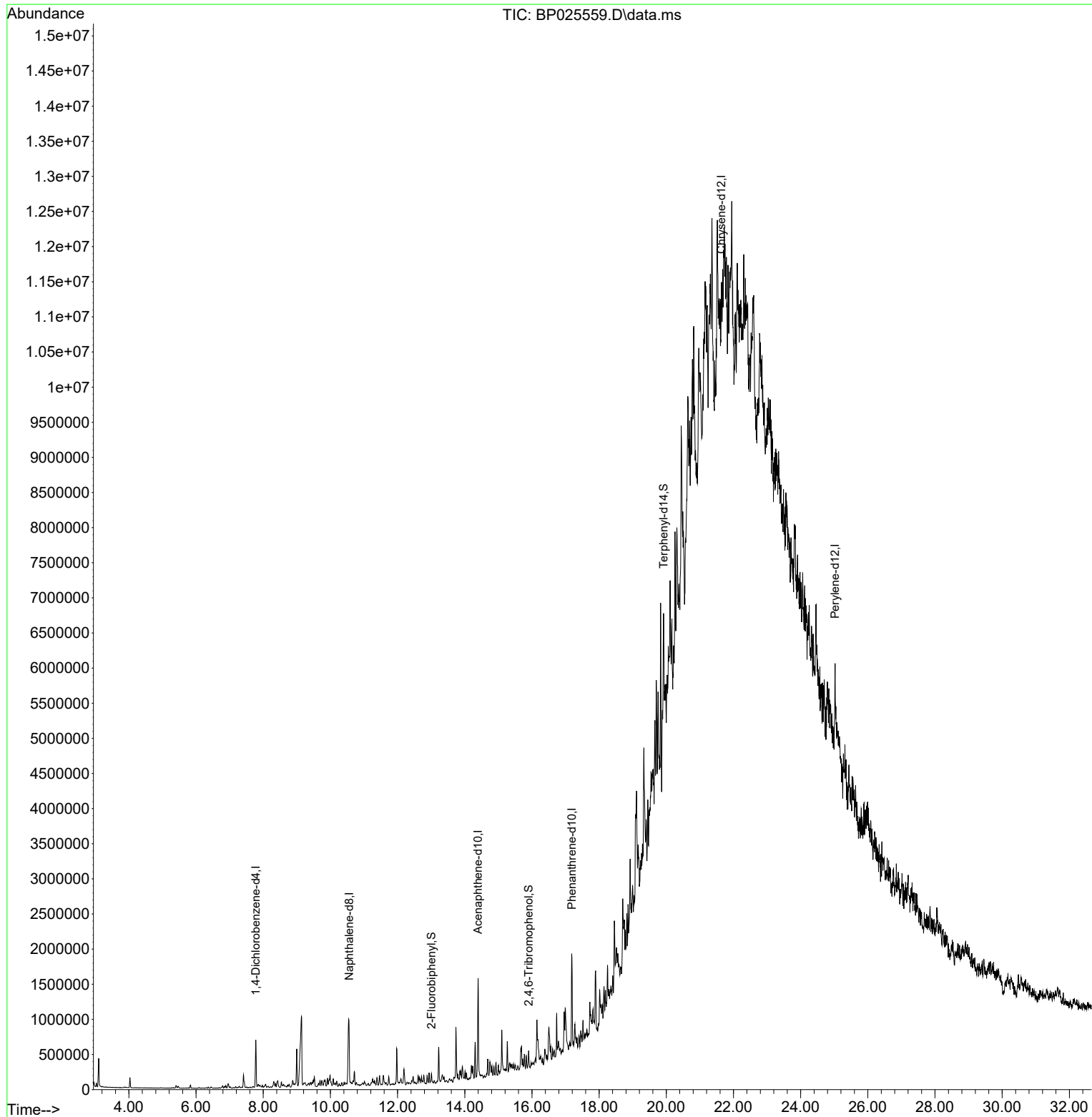
Target Compounds	Qvalue

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

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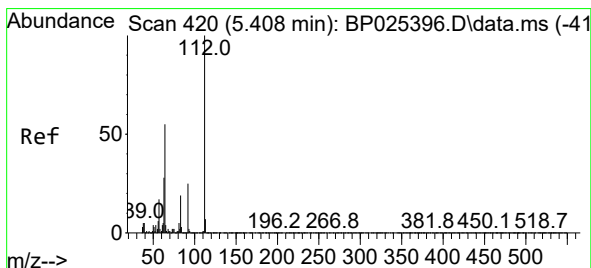
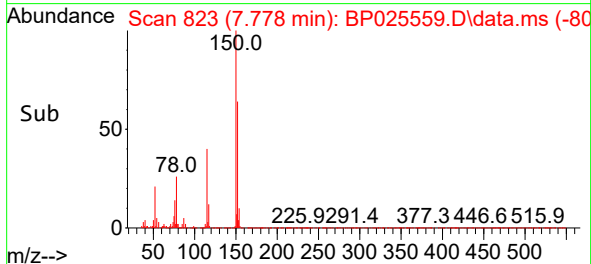
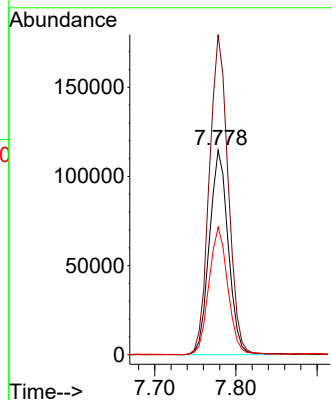
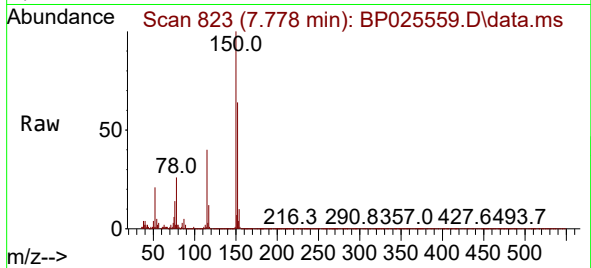




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025559.D
Acq: 22 Aug 2025 21:46

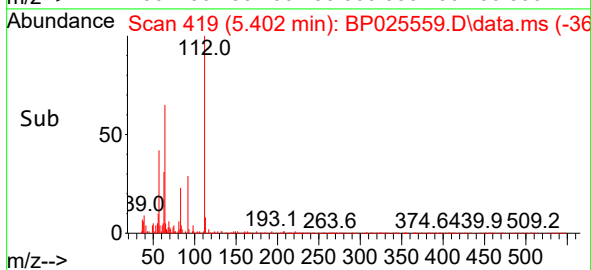
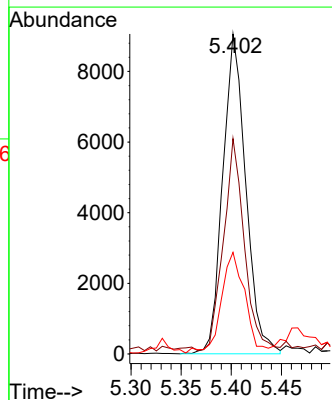
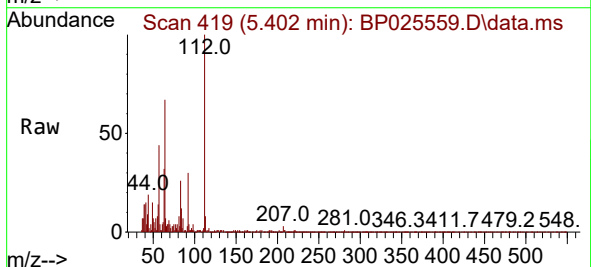
Instrument :
BNA_P
ClientSampleId :
4065

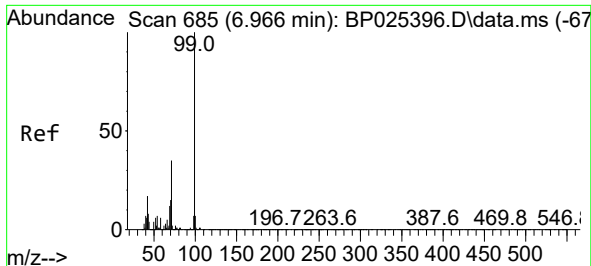
Tgt Ion:152 Resp: 184920
Ion Ratio Lower Upper
152 100
150 156.5 125.9 188.9
115 62.4 48.5 72.7



#5
2-Fluorophenol
Concen: 1.298 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025559.D
Acq: 22 Aug 2025 21:46

Tgt Ion:112 Resp: 14450
Ion Ratio Lower Upper
112 100
64 67.3 43.8 65.8#
63 31.7 22.7 34.1

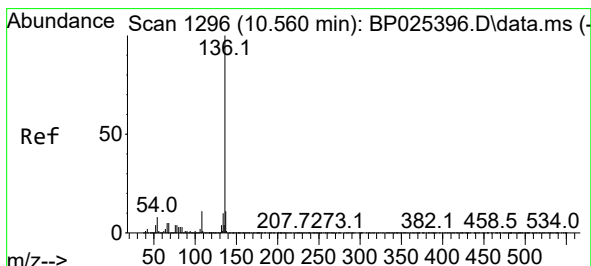
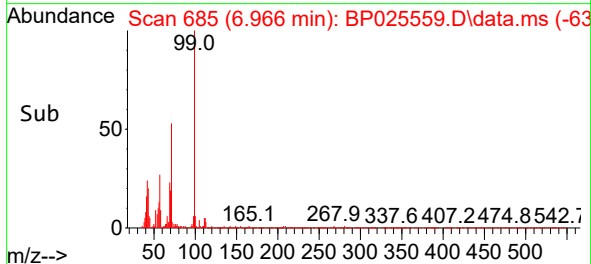
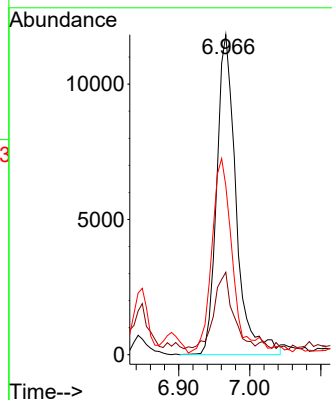
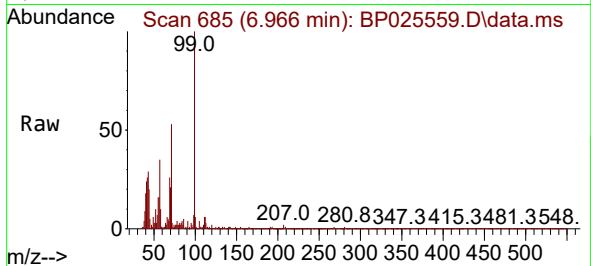




#7
Phenol-d6
Concen: 1.564 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025559.D
Acq: 22 Aug 2025 21:46

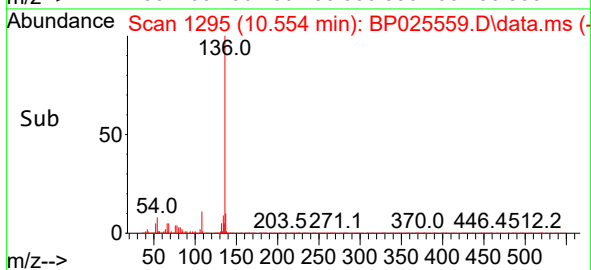
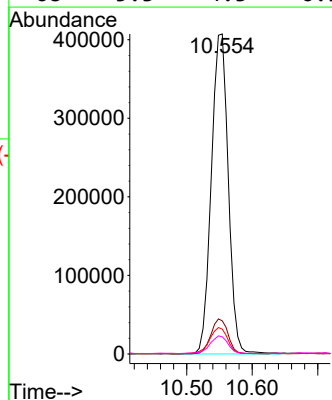
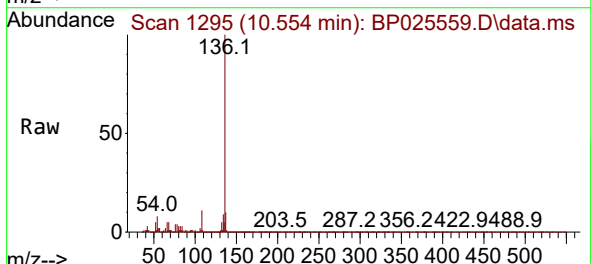
Instrument :
BNA_P
ClientSampleId :
4065

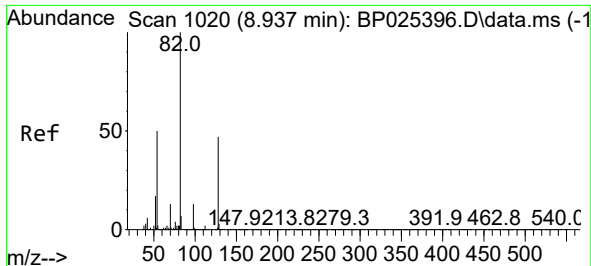
Tgt Ion: 99 Resp: 22332
Ion Ratio Lower Upper
99 100
42 25.7 13.7 20.5#
71 52.8 28.2 42.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025559.D
Acq: 22 Aug 2025 21:46

Tgt Ion: 136 Resp: 730298
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 7.8 6.0 9.0
68 5.3 4.3 6.5

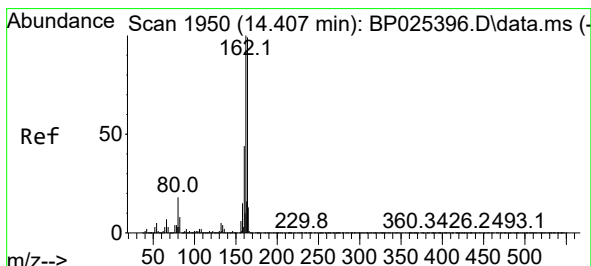
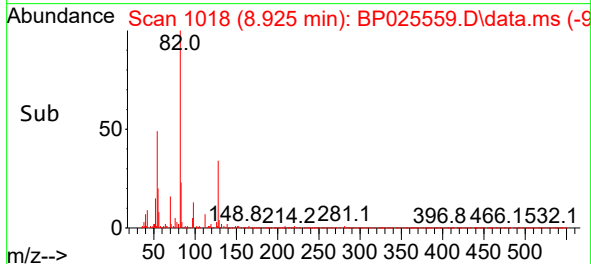
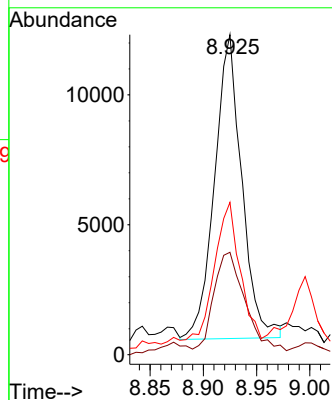
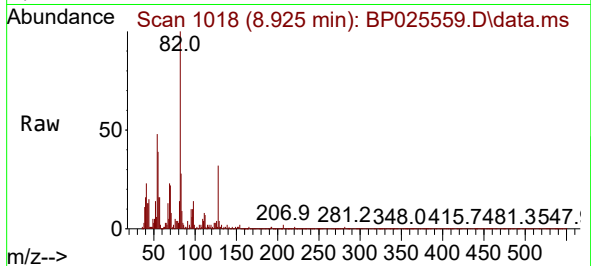




#23
Nitrobenzene-d5
Concen: 1.442 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025559.D
Acq: 22 Aug 2025 21:46

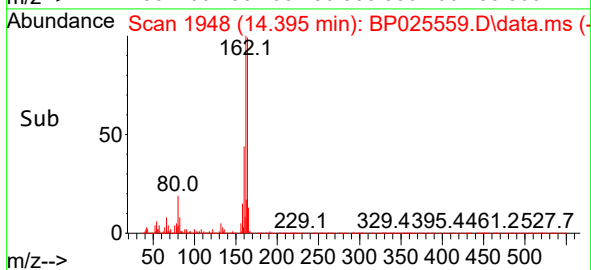
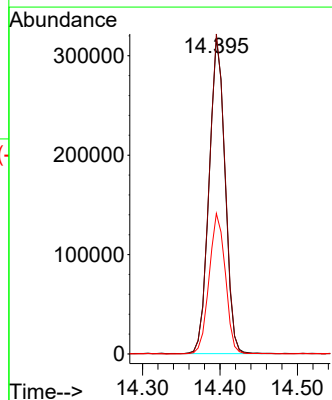
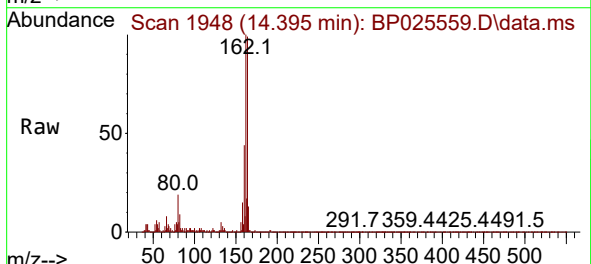
Instrument :
BNA_P
ClientSampleId :
4065

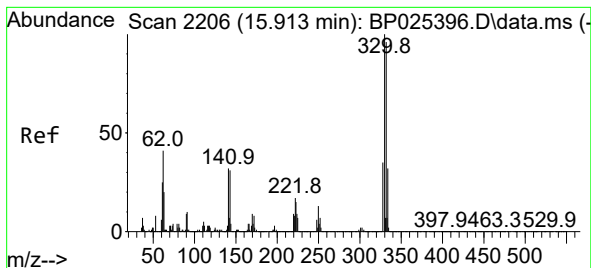
Tgt Ion: 82 Resp: 20813
Ion Ratio Lower Upper
82 100
128 32.0 37.7 56.5#
54 47.6 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025559.D
Acq: 22 Aug 2025 21:46

Tgt Ion: 164 Resp: 454623
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.6
160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 2.582 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025559.D

Acq: 22 Aug 2025 21:46

Instrument :

BNA_P

ClientSampleId :

4065

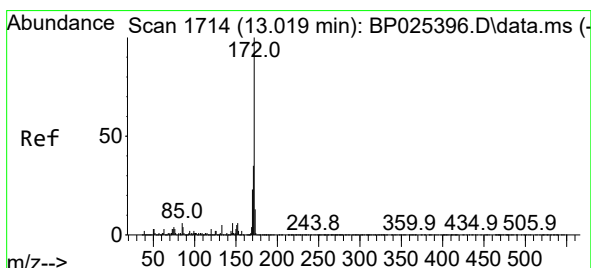
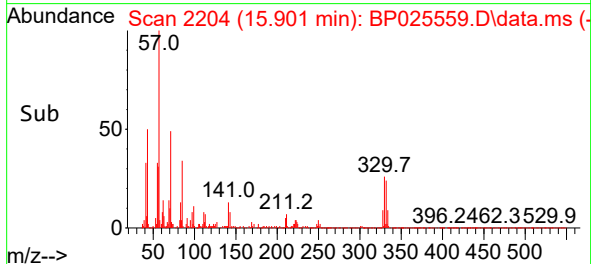
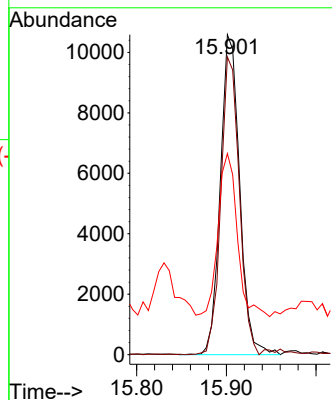
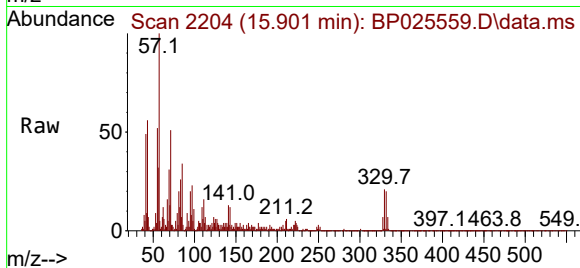
Tgt Ion:330 Resp: 15797

Ion Ratio Lower Upper

330 100

332 89.9 77.3 115.9

141 50.4 26.6 39.8#



#45

2-Fluorobiphenyl

Concen: 2.155 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025559.D

Acq: 22 Aug 2025 21:46

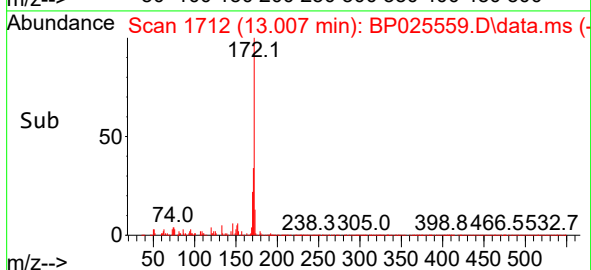
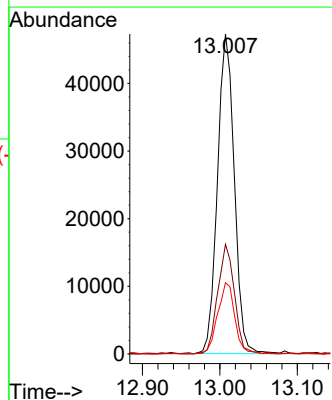
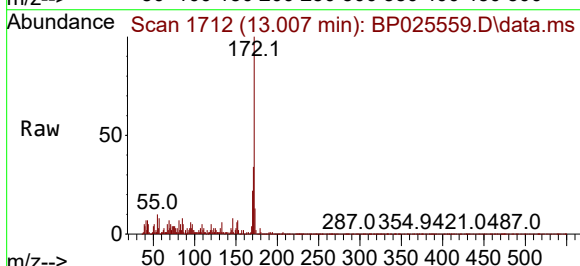
Tgt Ion:172 Resp: 71690

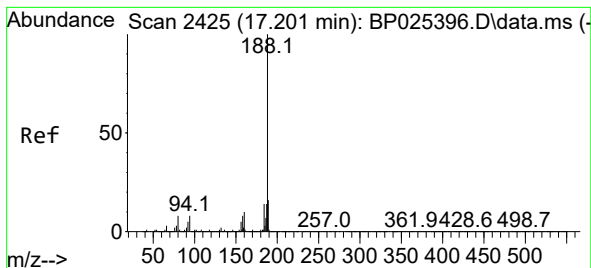
Ion Ratio Lower Upper

172 100

171 34.3 28.1 42.1

170 22.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.183 min Scan# 2425

Delta R.T. -0.018 min

Lab File: BP025559.D

Acq: 22 Aug 2025 21:46

Instrument :

BNA_P

ClientSampleId :

4065

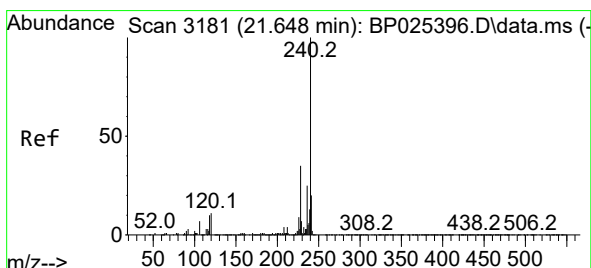
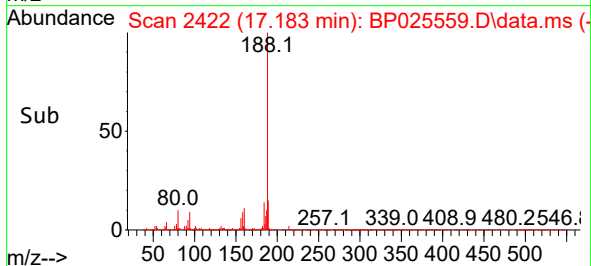
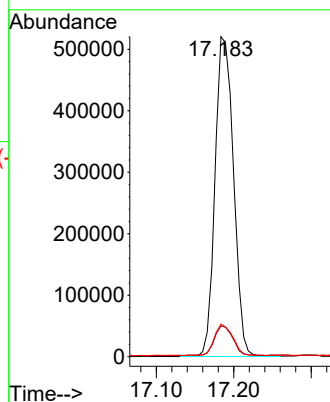
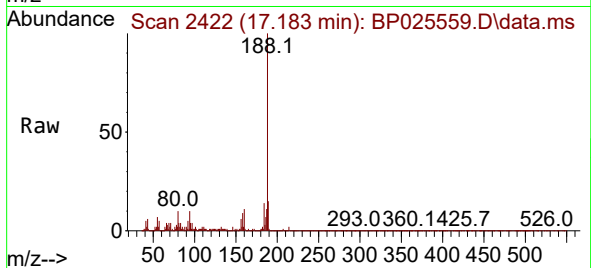
Tgt Ion:188 Resp: 861857

Ion Ratio Lower Upper

188 100

94 9.7 6.6 10.0

80 10.2 6.7 10.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.012 min

Lab File: BP025559.D

Acq: 22 Aug 2025 21:46

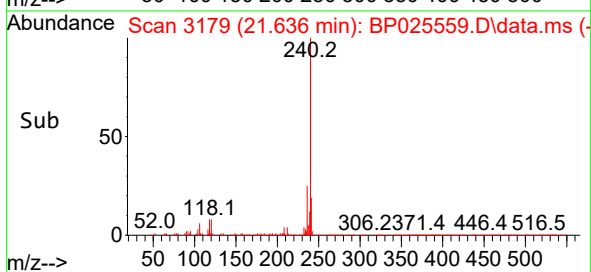
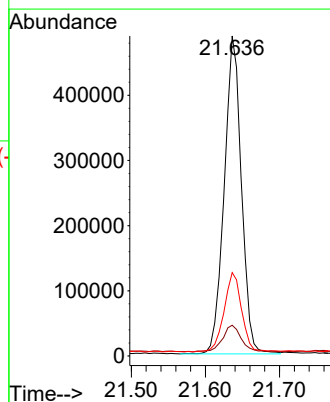
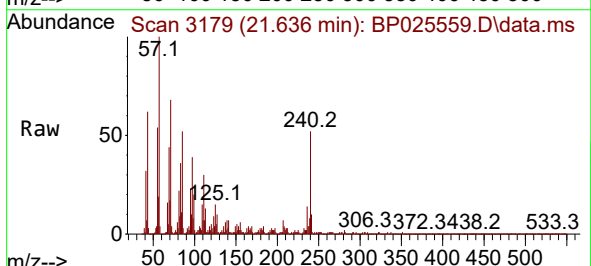
Tgt Ion:240 Resp: 786354

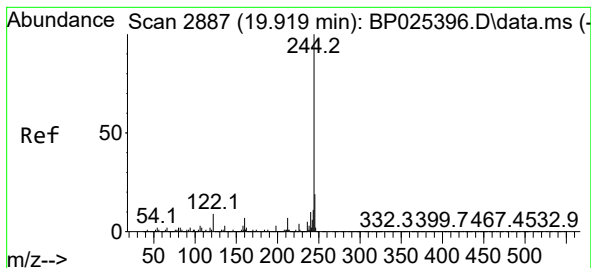
Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

236 26.1 19.8 29.8





#79

Terphenyl-d14

Concen: 2.364 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025559.D

Acq: 22 Aug 2025 21:46

Instrument :

BNA_P

ClientSampleId :

4065

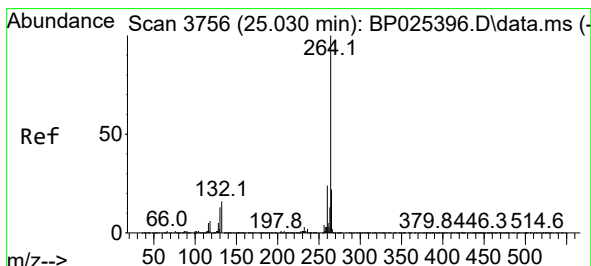
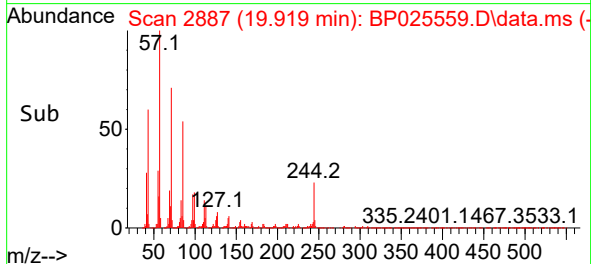
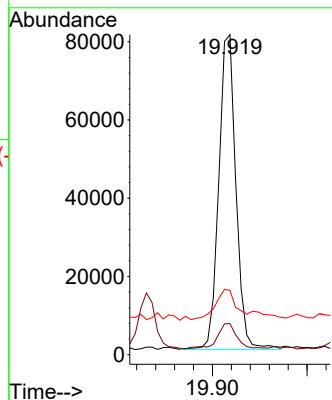
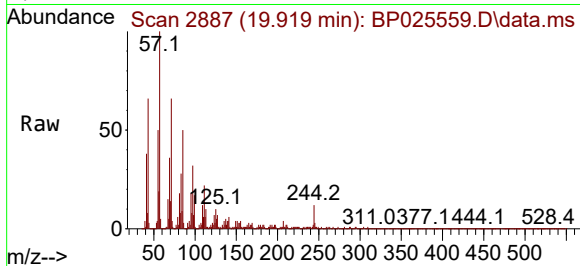
Tgt Ion:244 Resp: 101610

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.6#

122 20.1 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.024 min Scan# 3755

Delta R.T. -0.006 min

Lab File: BP025559.D

Acq: 22 Aug 2025 21:46

Tgt Ion:264 Resp: 990933

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 22.7 17.4 26.0

