

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025606.D
 Acq On : 27 Aug 2025 17:03
 Operator : CG/JU
 Sample : Q2921-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW1

Quant Time: Aug 27 17:27:03 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	180094	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	701721	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	421669	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	799345	20.000	ng	0.00
76) Chrysene-d12	21.642	240	913374	20.000	ng	0.00
86) Perylene-d12	25.007	264	1064567	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	809629	74.658	ng	0.00
7) Phenol-d6	6.967	99	665952	47.898	ng	0.00
23) Nitrobenzene-d5	8.913	82	1089756	78.558	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	712694	125.569	ng	0.00
45) 2-Fluorobiphenyl	13.002	172	2437054	78.988	ng	-0.02
79) Terphenyl-d14	19.919	244	3465681	69.421	ng	0.00

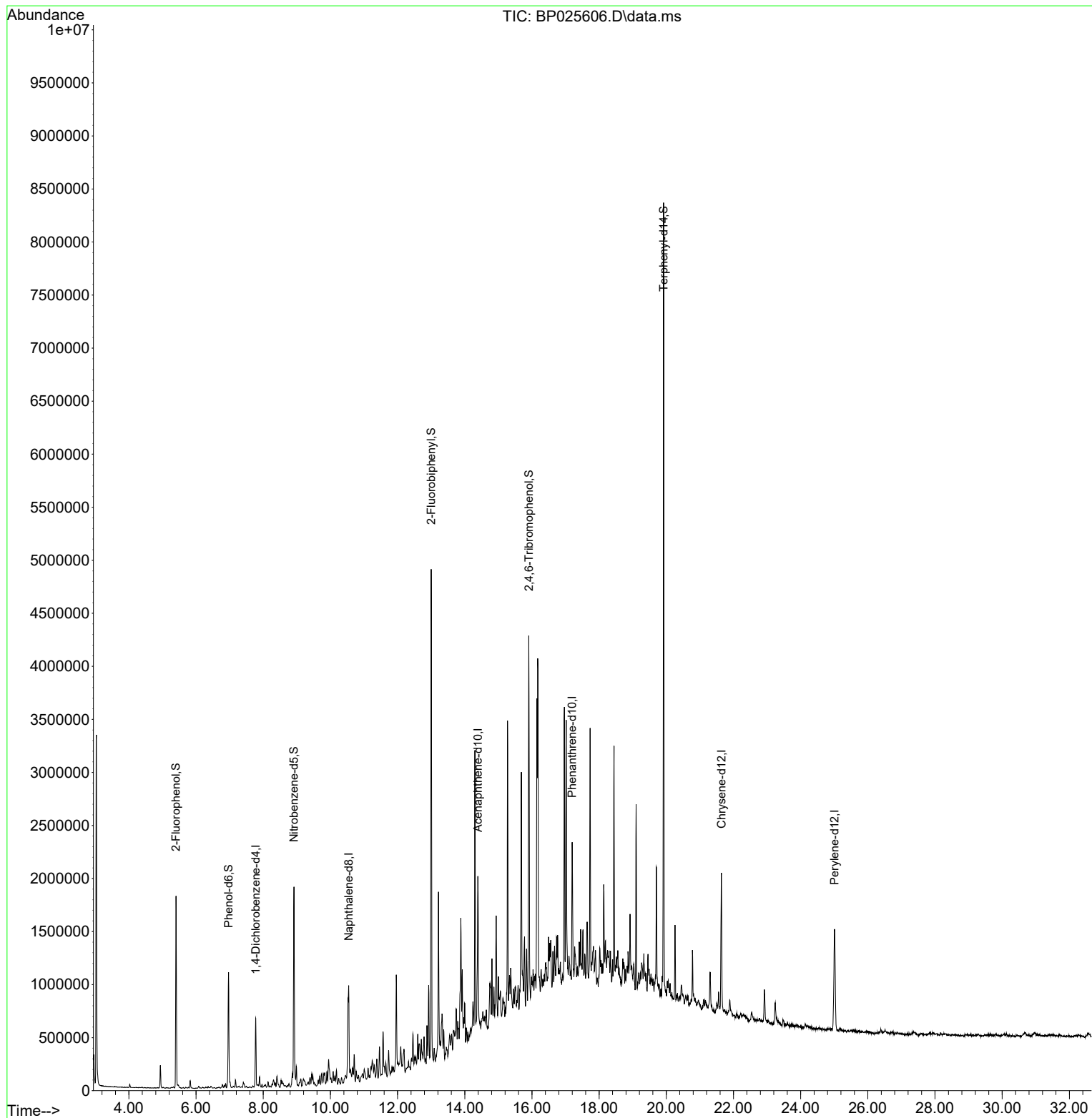
Target Compounds	Qvalue

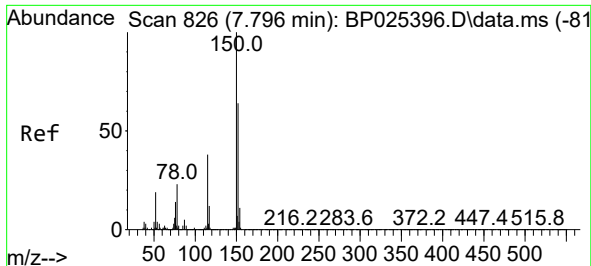
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Time: Aug 27 17:27:03 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

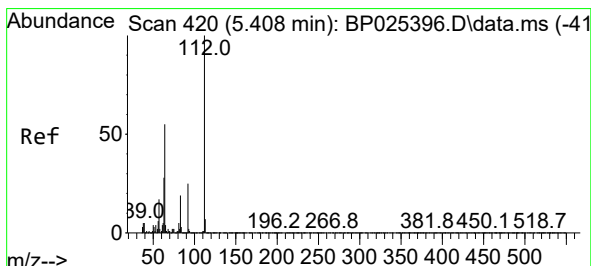
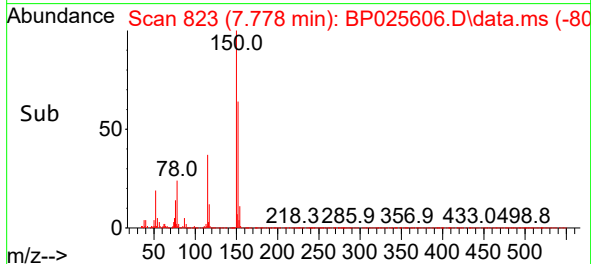
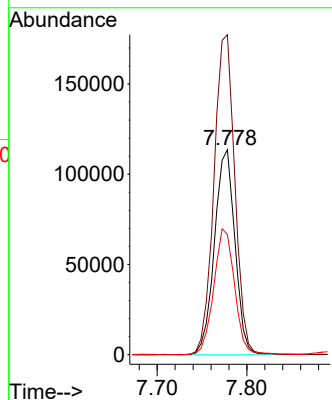
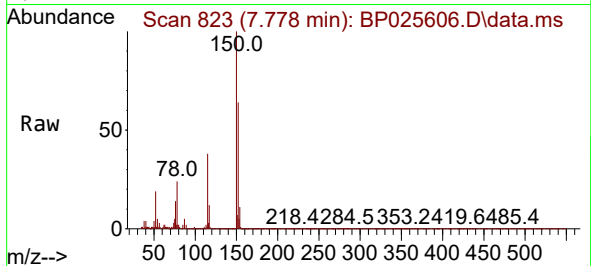




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

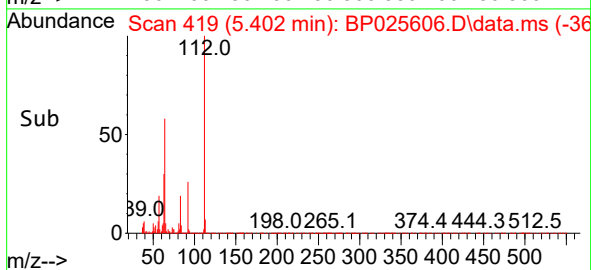
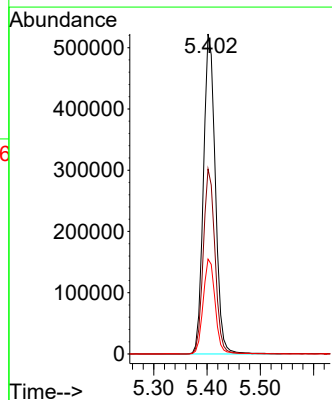
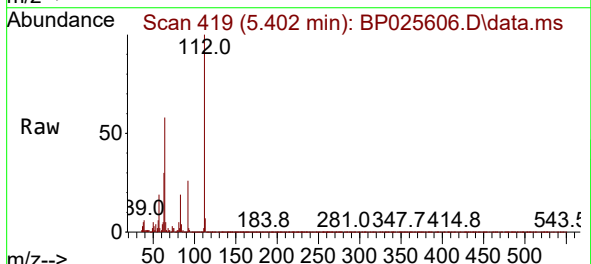
Instrument :
BNA_P
ClientSampleId :
MW1

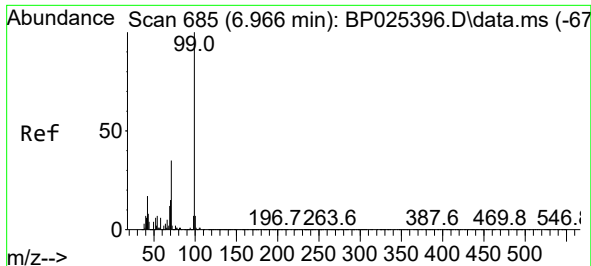
Tgt Ion:152 Resp: 180094
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 58.6 48.5 72.7



#5
2-Fluorophenol
Concen: 74.658 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:112 Resp: 809629
Ion Ratio Lower Upper
112 100
64 57.8 43.8 65.8
63 29.6 22.7 34.1

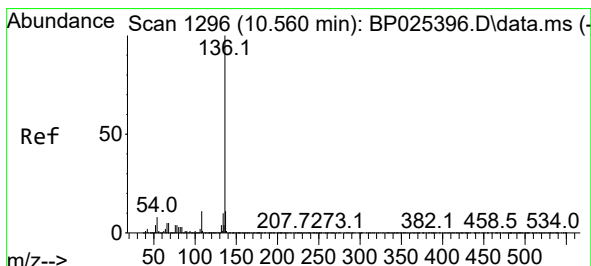
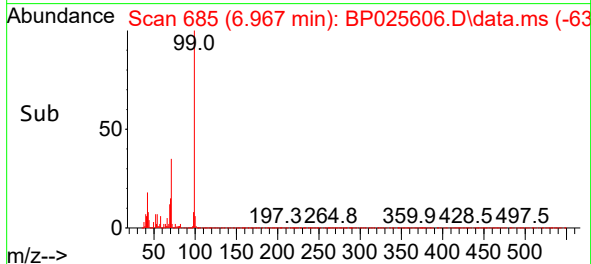
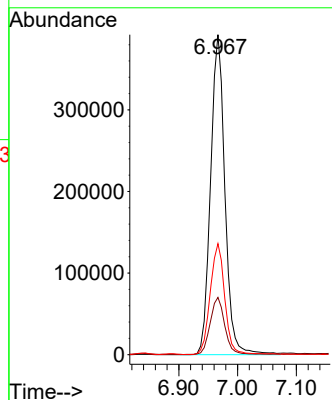
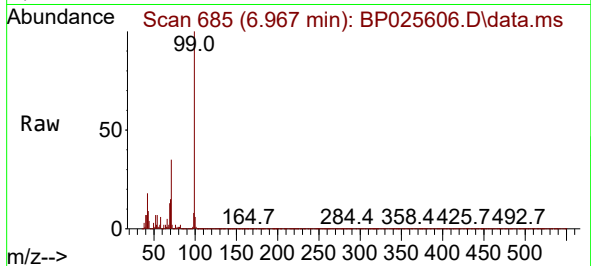




#7
Phenol-d6
Concen: 47.898 ng
RT: 6.967 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

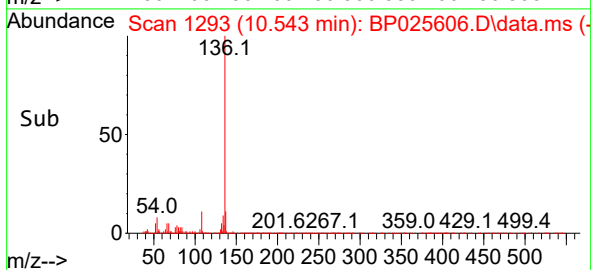
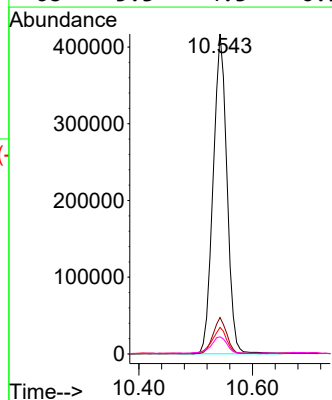
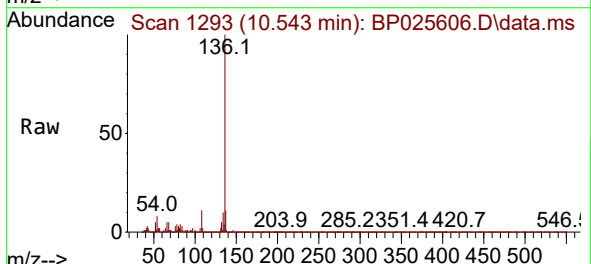
Instrument :
BNA_P
ClientSampleId :
MW1

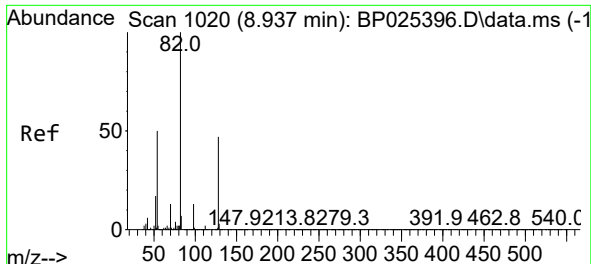
Tgt Ion: 99 Resp: 665952
Ion Ratio Lower Upper
99 100
42 17.9 13.7 20.5
71 34.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.017 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion: 136 Resp: 701721
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 8.3 6.0 9.0
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 78.558 ng

RT: 8.913 min Scan# 1016

Delta R.T. -0.023 min

Lab File: BP025606.D

Acq: 27 Aug 2025 17:03

Instrument :

BNA_P

ClientSampleId :

MW1

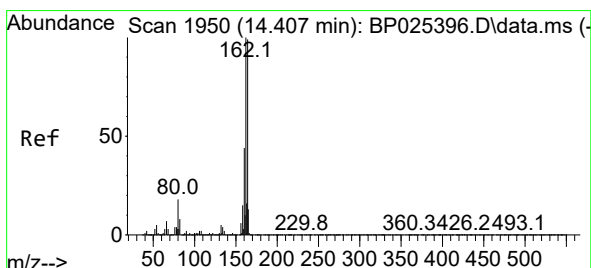
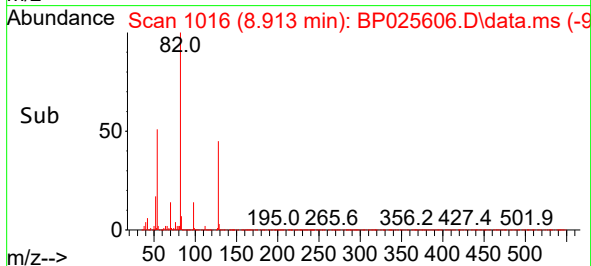
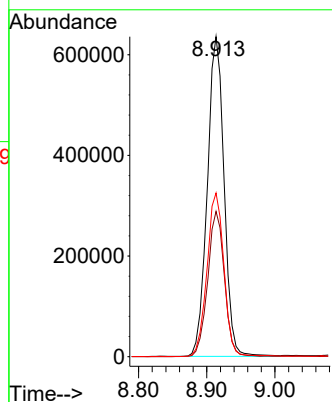
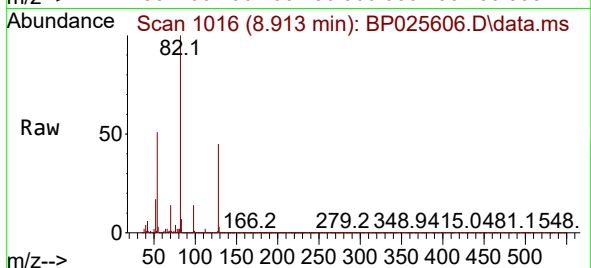
Tgt Ion: 82 Resp: 1089756

Ion Ratio Lower Upper

82 100

128 45.4 37.7 56.5

54 51.2 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.390 min Scan# 1947

Delta R.T. -0.017 min

Lab File: BP025606.D

Acq: 27 Aug 2025 17:03

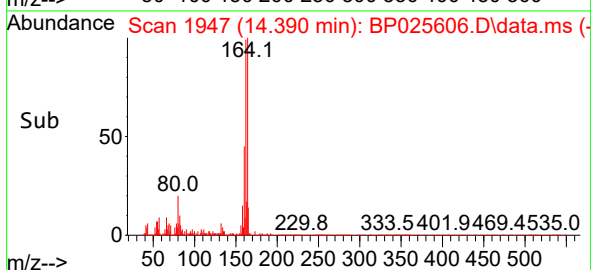
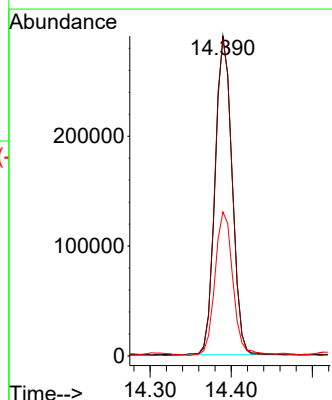
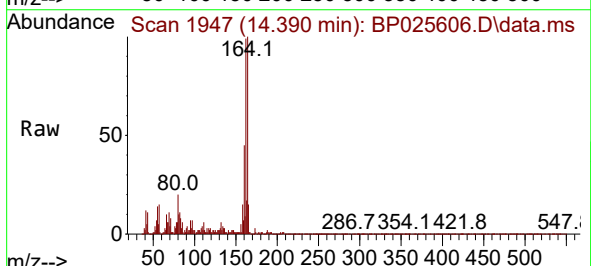
Tgt Ion:164 Resp: 421669

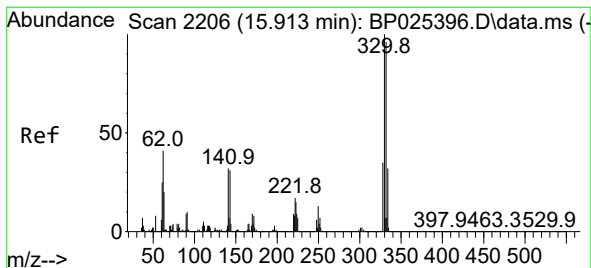
Ion Ratio Lower Upper

164 100

162 99.0 81.0 121.6

160 45.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 125.569 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025606.D

Acq: 27 Aug 2025 17:03

Instrument :

BNA_P

ClientSampleId :

MW1

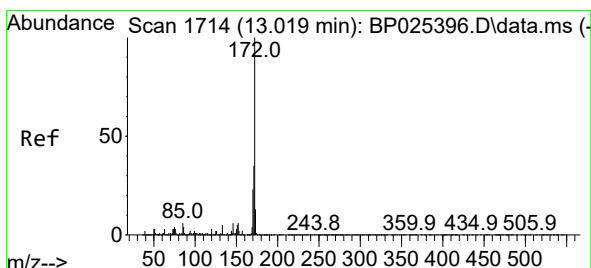
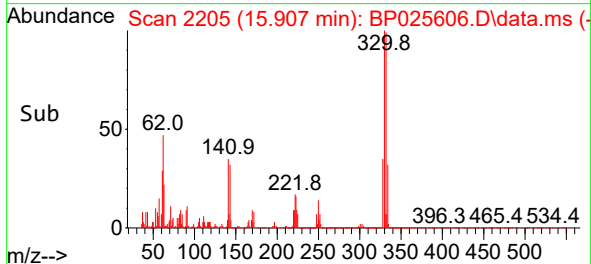
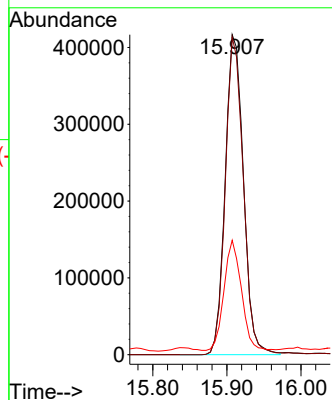
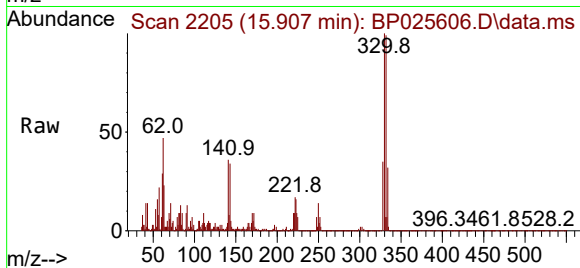
Tgt Ion:330 Resp: 712694

Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

141 32.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 78.988 ng

RT: 13.002 min Scan# 1711

Delta R.T. -0.017 min

Lab File: BP025606.D

Acq: 27 Aug 2025 17:03

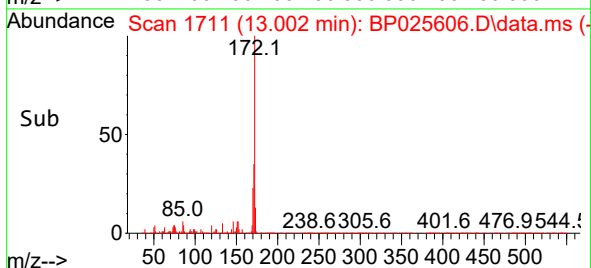
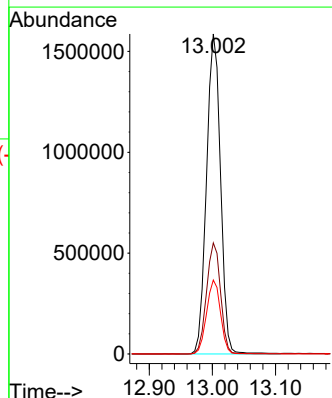
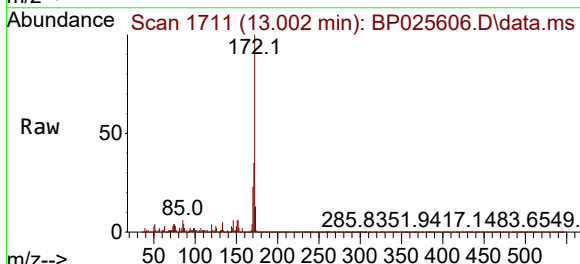
Tgt Ion:172 Resp: 2437054

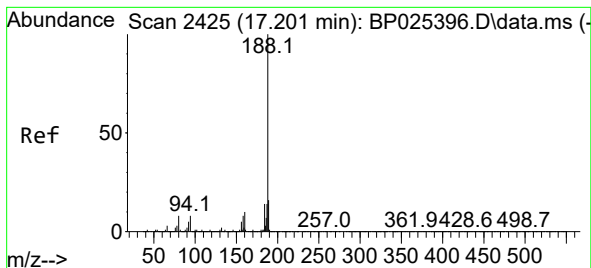
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP025606.D

Acq: 27 Aug 2025 17:03

Instrument :

BNA_P

ClientSampleId :

MW1

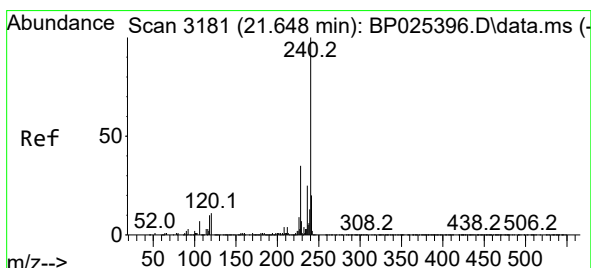
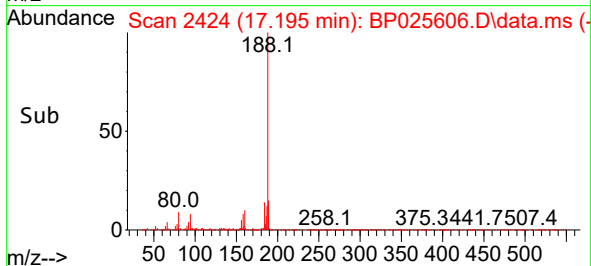
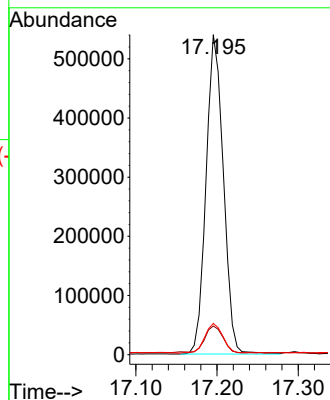
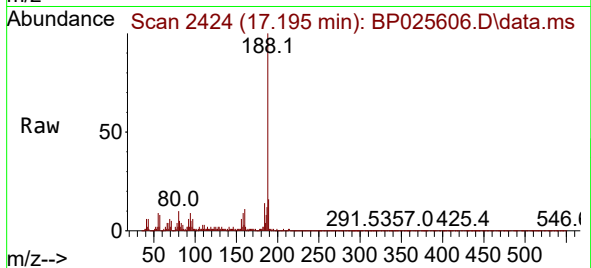
Tgt Ion:188 Resp: 799345

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.8 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025606.D

Acq: 27 Aug 2025 17:03

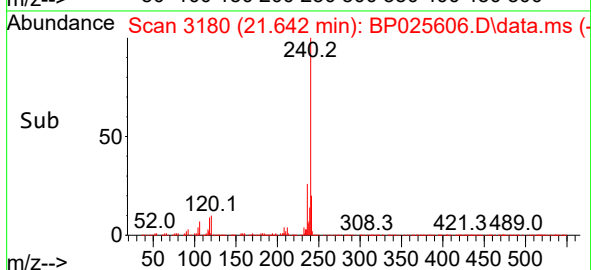
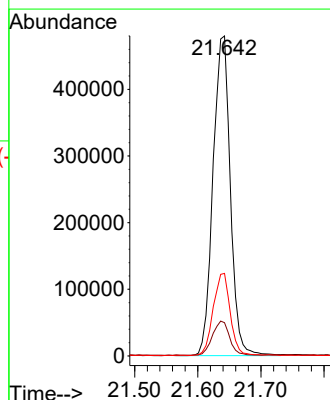
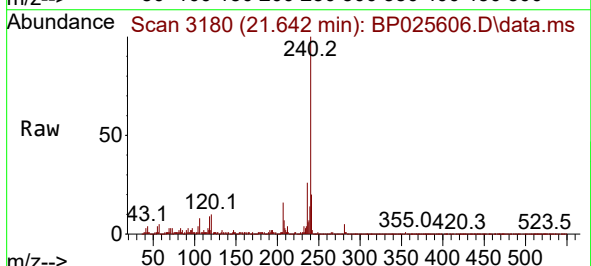
Tgt Ion:240 Resp: 913374

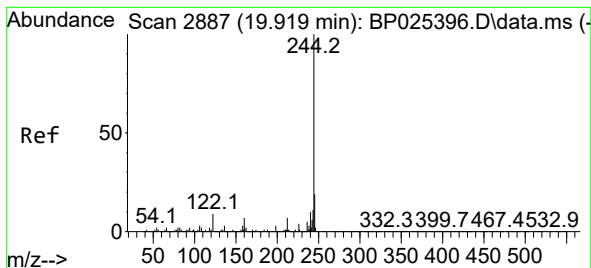
Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 25.8 19.8 29.8





#79

Terphenyl-d14

Concen: 69.421 ng

RT: 19.919 min Scan# 2

Delta R.T. 0.000 min

Lab File: BP025606.D

Acq: 27 Aug 2025 17:03

Instrument :

BNA_P

ClientSampleId :

MW1

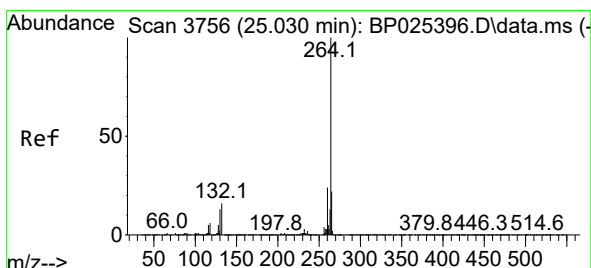
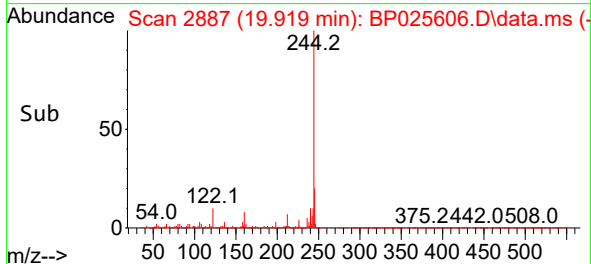
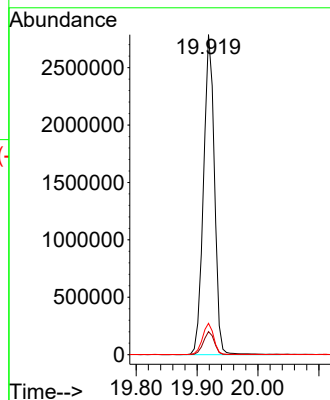
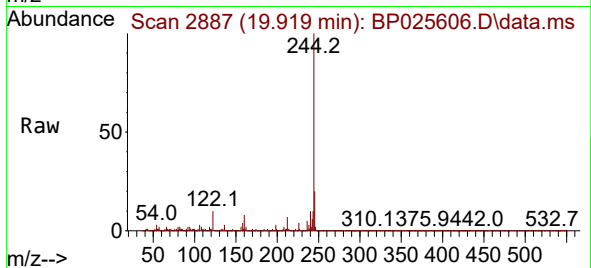
Tgt Ion:244 Resp: 3465681

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.8 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.007 min Scan# 3752

Delta R.T. -0.023 min

Lab File: BP025606.D

Acq: 27 Aug 2025 17:03

Tgt Ion:264 Resp: 1064567

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.7 17.4 26.0

