

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025593.D
 Acq On : 26 Aug 2025 20:03
 Operator : CG/JU
 Sample : Q2892-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1-FLOOR-NORTH-EAST-CORNER-BACK-A

Quant Time: Aug 27 01:03:49 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)

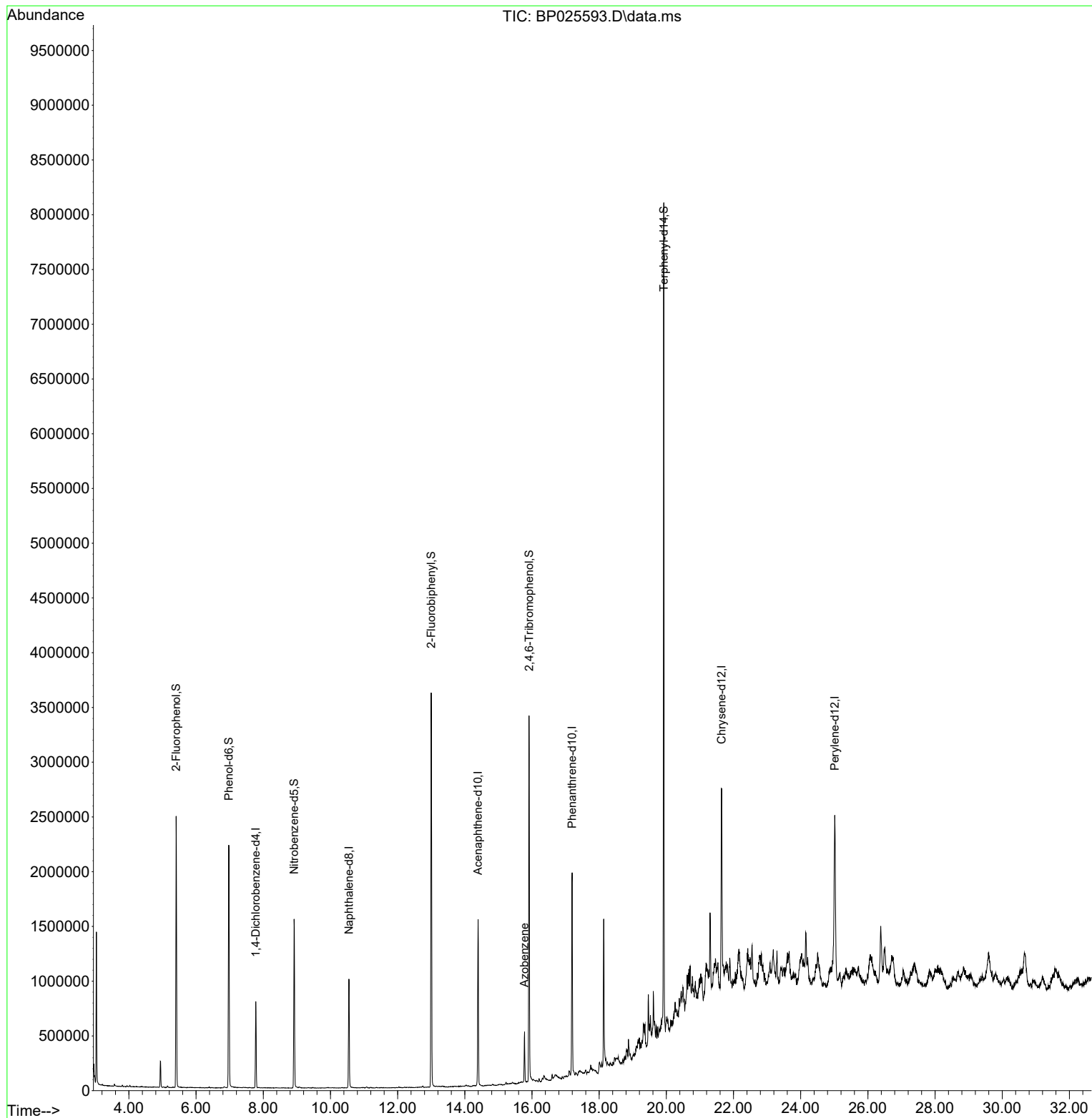
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	218560	20.000	ng	-0.02
21) Naphthalene-d8	10.548	136	858280	20.000	ng	-0.01
39) Acenaphthene-d10	14.395	164	546745	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	1149710	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1257625	20.000	ng	0.00
86) Perylene-d12	25.012	264	1455179	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	1076227	81.776	ng	0.00
7) Phenol-d6	6.972	99	1359240	80.556	ng	0.00
23) Nitrobenzene-d5	8.919	82	875244	51.585	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	680846	92.516	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2031991	50.793	ng	-0.02
79) Terphenyl-d14	19.924	244	3477022	50.583	ng	0.00
Target Compounds						
63) Azobenzene	15.777	77	121950	3.501	ng	Qvalue # 1

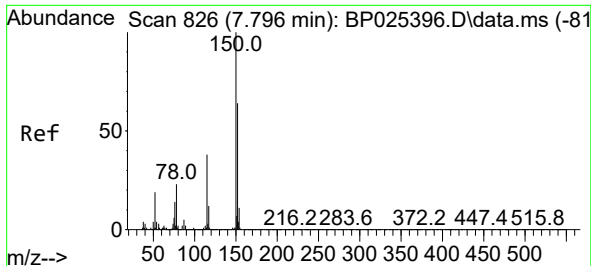
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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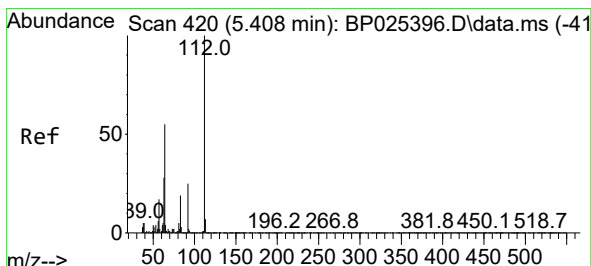
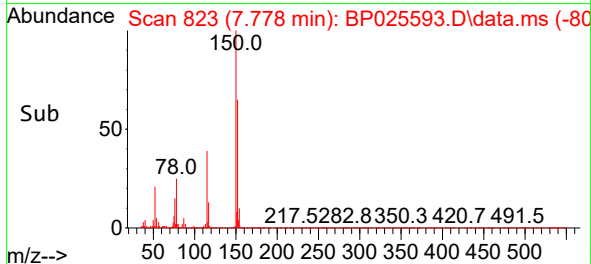
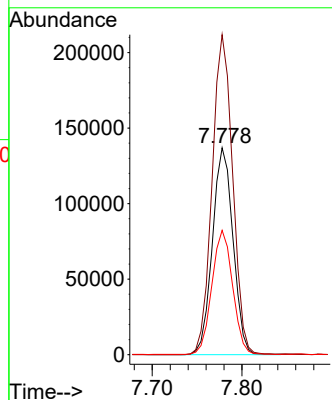
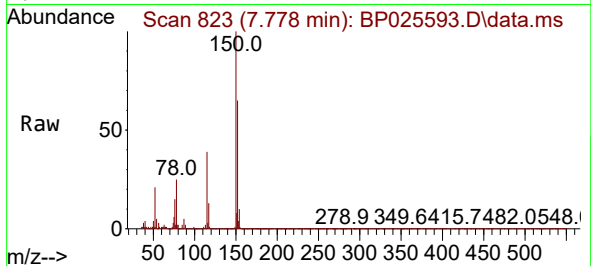




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025593.D
Acq: 26 Aug 2025 20:03

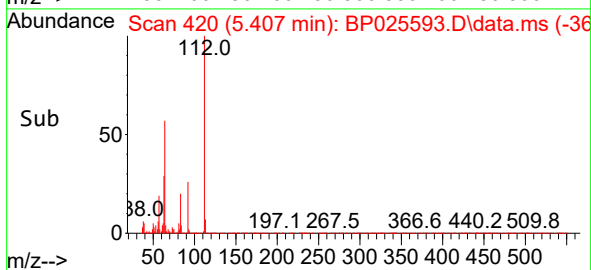
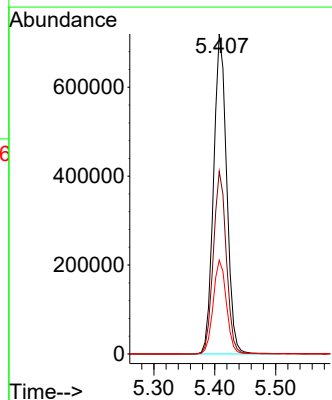
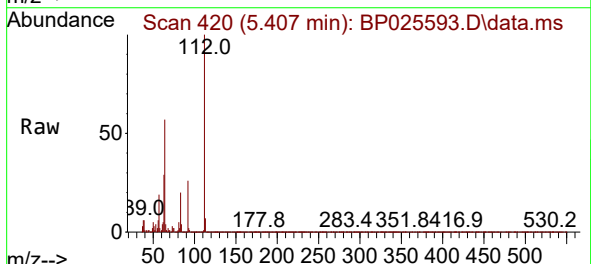
Instrument :
BNA_P
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

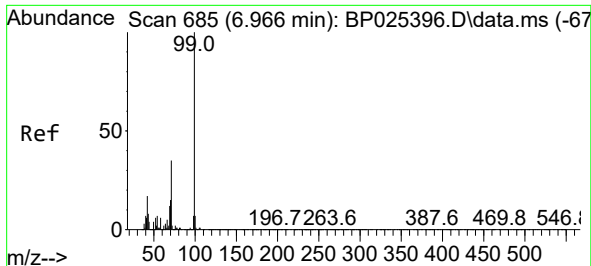
Tgt Ion:152 Resp: 218560
Ion Ratio Lower Upper
152 100
150 154.7 125.9 188.9
115 60.1 48.5 72.7



#5
2-Fluorophenol
Concen: 81.776 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025593.D
Acq: 26 Aug 2025 20:03

Tgt Ion:112 Resp: 1076227
Ion Ratio Lower Upper
112 100
64 57.0 43.8 65.8
63 29.3 22.7 34.1

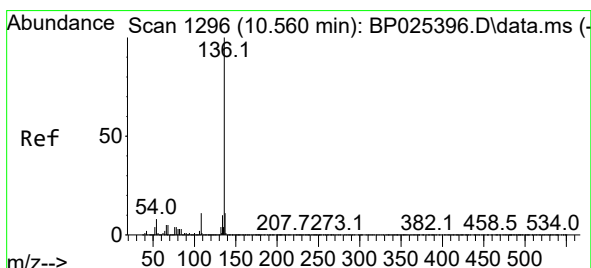
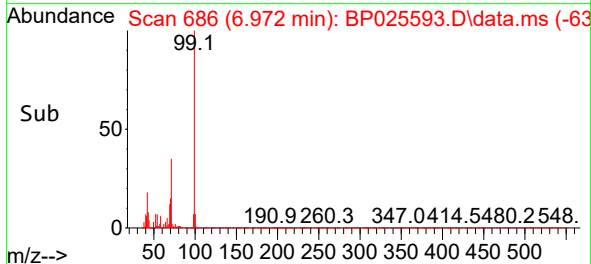
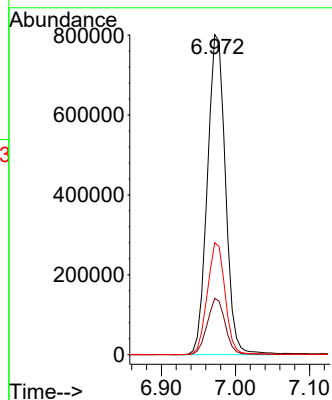
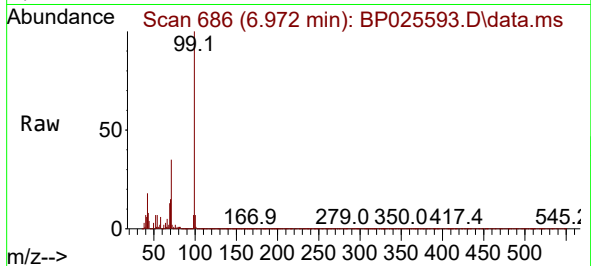




#7
Phenol-d6
Concen: 80.556 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025593.D
Acq: 26 Aug 2025 20:03

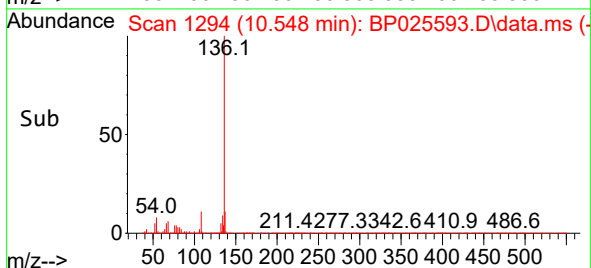
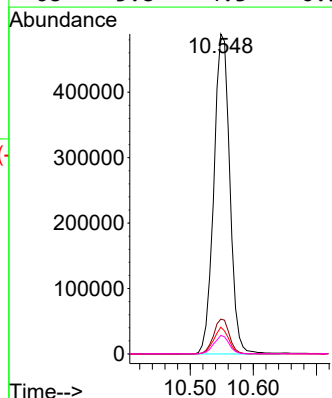
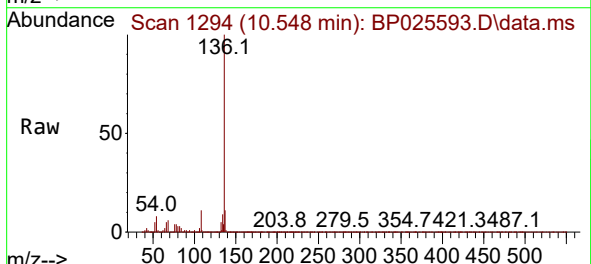
Instrument :
BNA_P
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

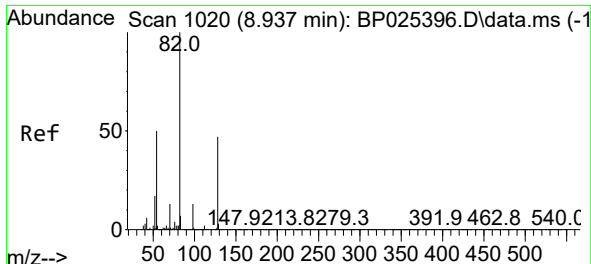
Tgt Ion: 99 Resp: 1359240
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 35.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025593.D
Acq: 26 Aug 2025 20:03

Tgt Ion:136 Resp: 858280
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.3 6.0 9.0
68 5.8 4.3 6.5

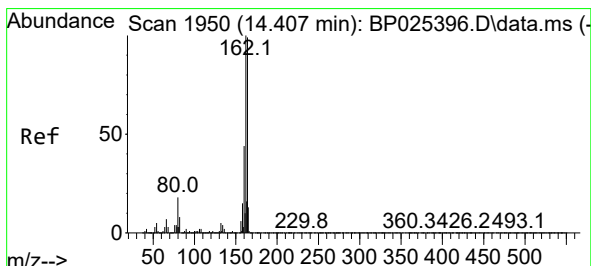
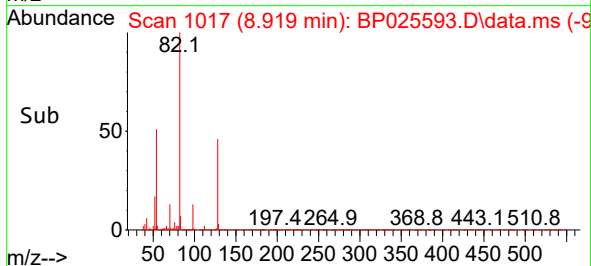
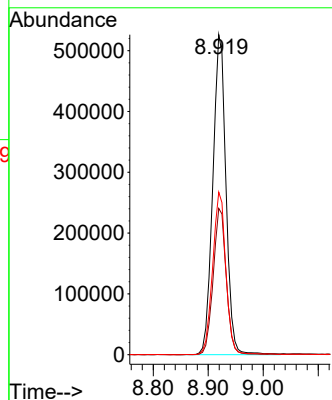
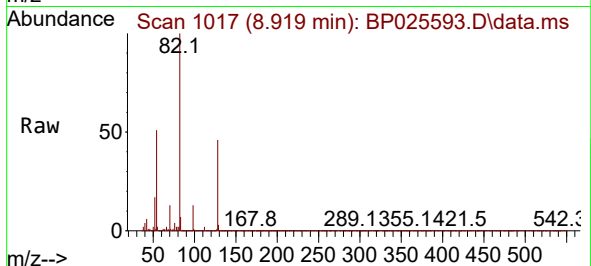




#23
 Nitrobenzene-d5
 Concen: 51.585 ng
 RT: 8.919 min Scan# 1017
 Delta R.T. -0.018 min
 Lab File: BP025593.D
 Acq: 26 Aug 2025 20:03

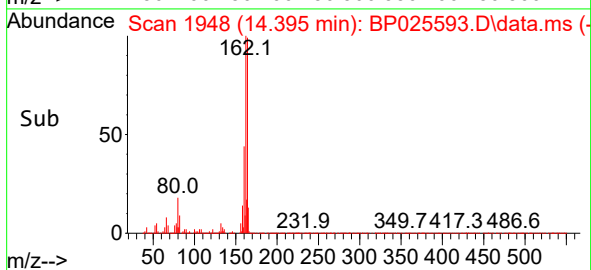
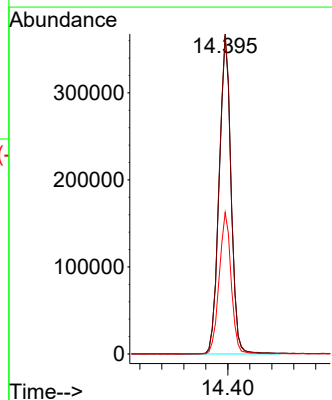
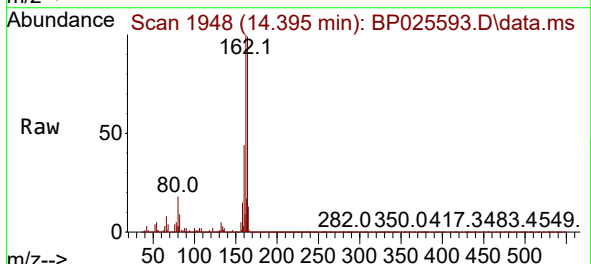
Instrument :
 BNA_P
 ClientSampleId :
 1-FLOOR-NORTH-EAST-CORNER-BACK-A

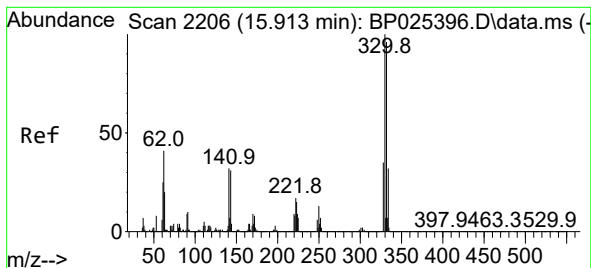
Tgt Ion: 82 Resp: 875244
 Ion Ratio Lower Upper
 82 100
 128 45.7 37.7 56.5
 54 50.8 39.8 59.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.395 min Scan# 1948
 Delta R.T. -0.012 min
 Lab File: BP025593.D
 Acq: 26 Aug 2025 20:03

Tgt Ion:164 Resp: 546745
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.0 121.6
 160 44.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 92.516 ng

RT: 15.913 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025593.D

Acq: 26 Aug 2025 20:03

Instrument :

BNA_P

ClientSampleId :

1-FLOOR-NORTH-EAST-CORNER-BACK-A

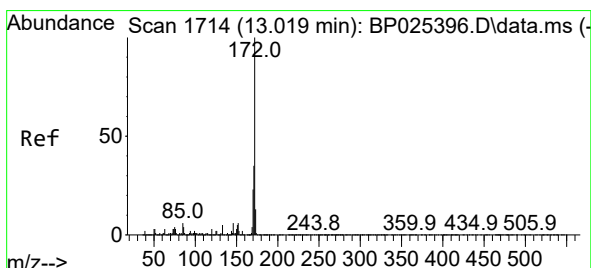
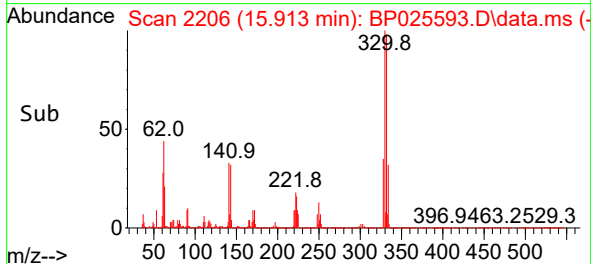
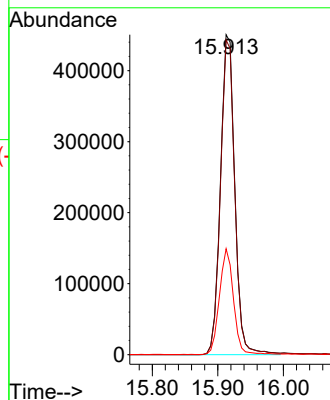
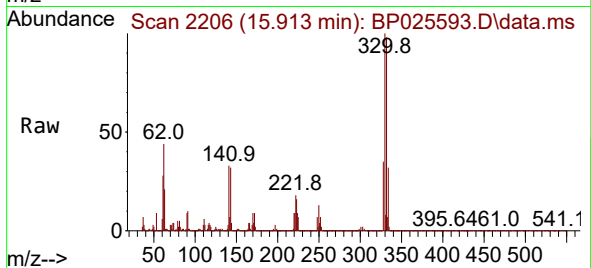
Tgt Ion:330 Resp: 680846

Ion Ratio Lower Upper

330 100

332 98.9 77.3 115.9

141 32.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 50.793 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025593.D

Acq: 26 Aug 2025 20:03

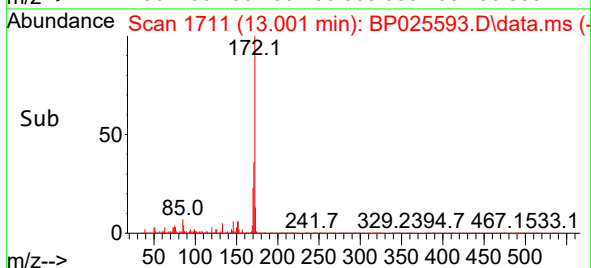
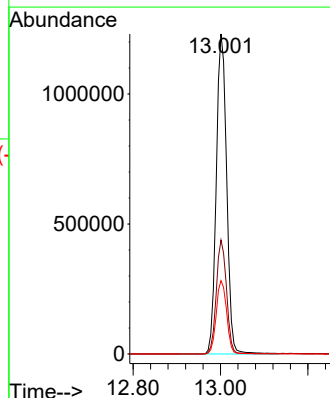
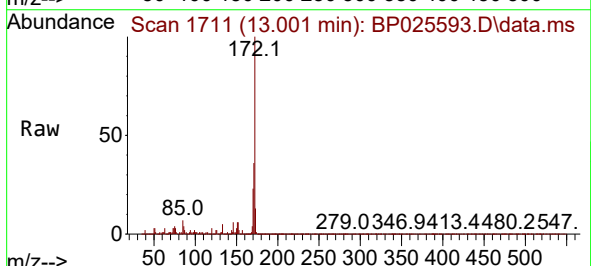
Tgt Ion:172 Resp: 2031991

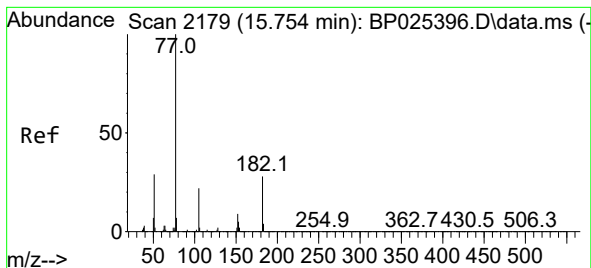
Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 22.9 18.6 28.0





#63

Azobenzene

Concen: 3.501 ng

RT: 15.777 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP025593.D

Acq: 26 Aug 2025 20:03

Instrument :

BNA_P

ClientSampleId :

1-FLOOR-NORTH-EAST-CORNER-BACK-A

Tgt Ion: 77 Resp: 121950

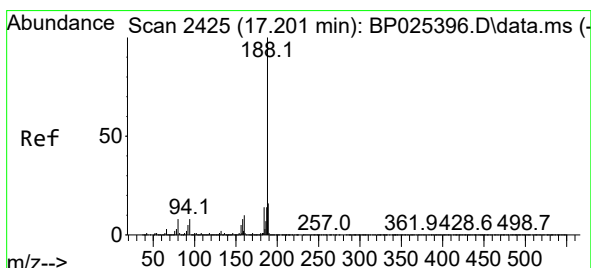
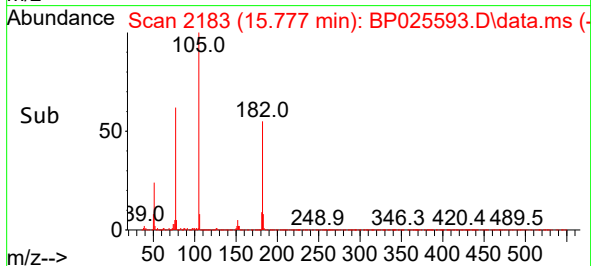
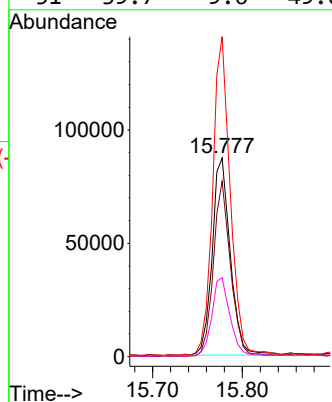
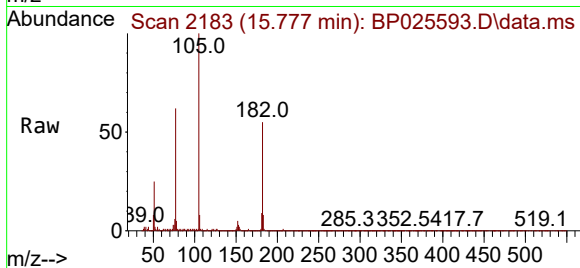
Ion Ratio Lower Upper

77 100

182 88.4 7.5 47.5#

105 161.1 2.1 42.1#

51 39.7 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP025593.D

Acq: 26 Aug 2025 20:03

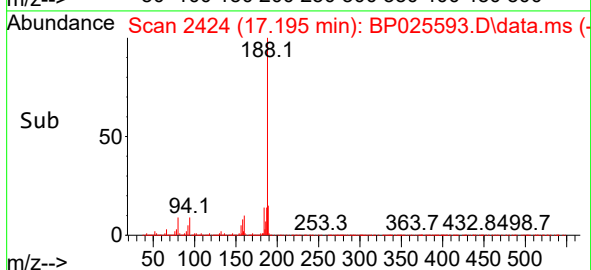
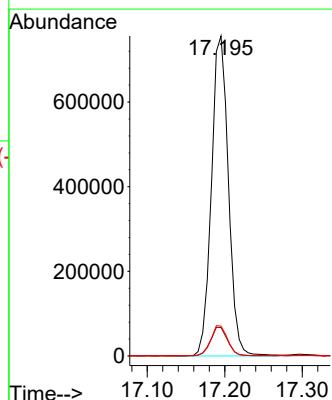
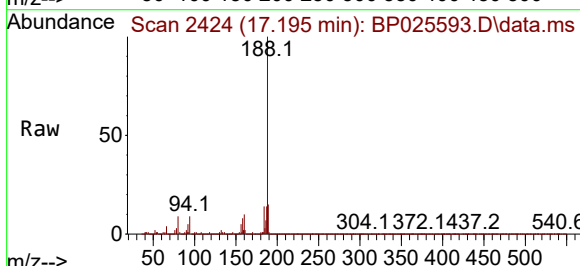
Tgt Ion:188 Resp: 1149710

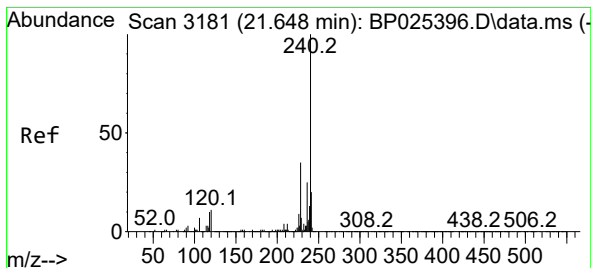
Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.3 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3181

Delta R.T. -0.006 min

Lab File: BP025593.D

Acq: 26 Aug 2025 20:03

Instrument :

BNA_P

ClientSampleId :

1-FLOOR-NORTH-EAST-CORNER-BACK-A

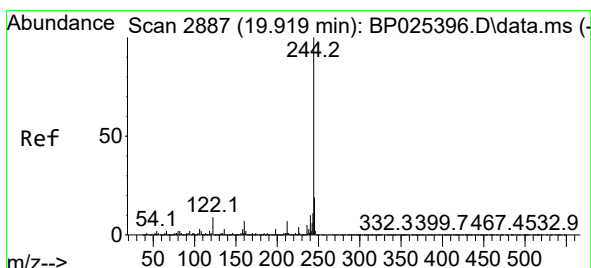
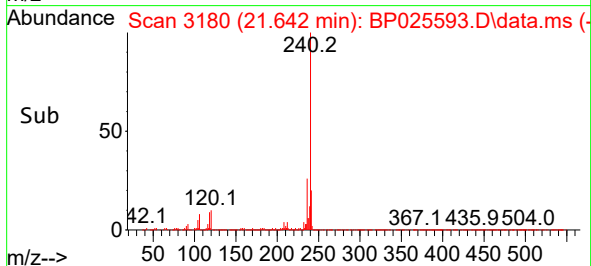
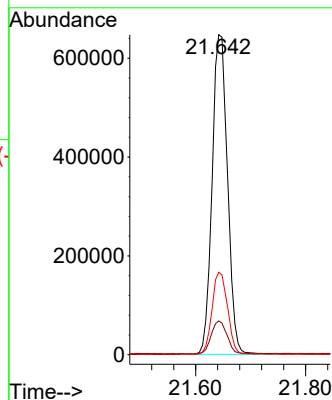
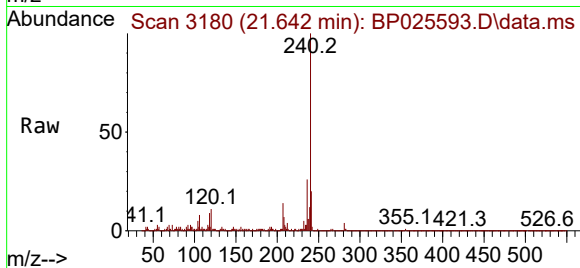
Tgt Ion:240 Resp: 1257625

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.7 19.8 29.8



#79

Terphenyl-d14

Concen: 50.583 ng

RT: 19.924 min Scan# 2888

Delta R.T. 0.006 min

Lab File: BP025593.D

Acq: 26 Aug 2025 20:03

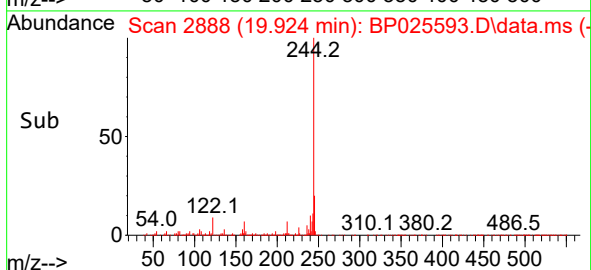
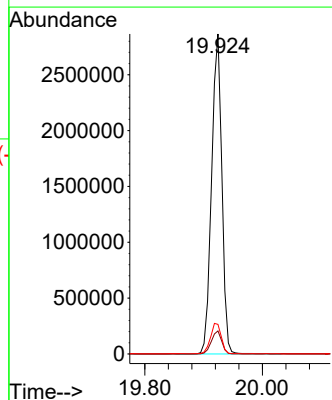
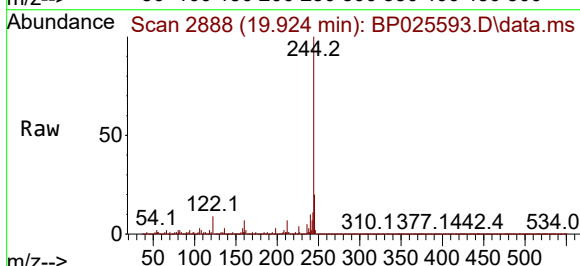
Tgt Ion:244 Resp: 3477022

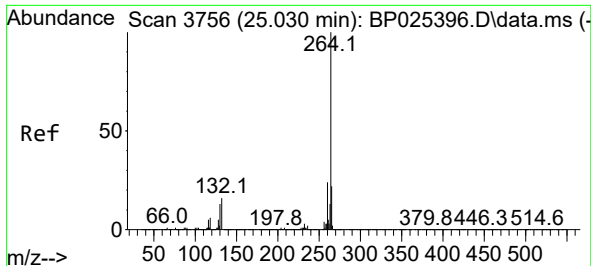
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.2 7.4 11.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP025593.D
 Acq: 26 Aug 2025 20:03

Instrument :
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Tgt Ion:264 Resp: 1455179
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 22.3 17.4 26.0

