

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
 Data File : BP025618.D
 Acq On : 28 Aug 2025 19:24
 Operator : CG/JU
 Sample : Q2954-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BRIDGE-NORTH

Quant Time: Aug 29 02:28:00 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	7.772	152	177251	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	685161	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	429887	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	852869	20.000	ng	#-0.02
76) Chrysene-d12	21.624	240	926685	20.000	ng	-0.02
86) Perylene-d12	24.994	264	1114769	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.401	112	1465136	137.271	ng	0.00
7) Phenol-d6	6.966	99	1834713	134.077	ng	0.00
23) Nitrobenzene-d5	8.919	82	1090068	80.480	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	843279	145.737	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2351442	74.756	ng	-0.02
79) Terphenyl-d14	19.901	244	3734662	73.734	ng	-0.02

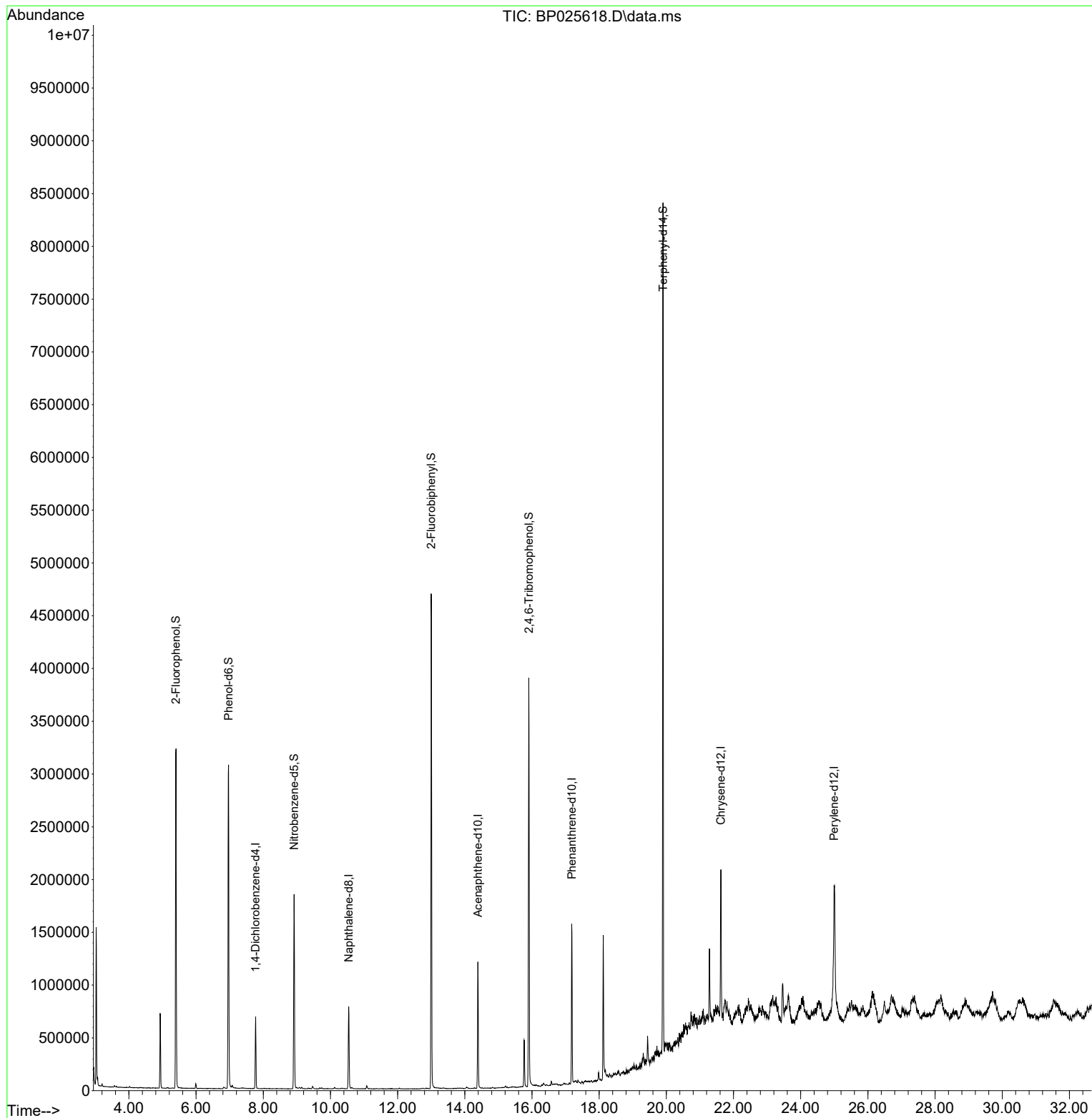
Target Compounds	Qvalue

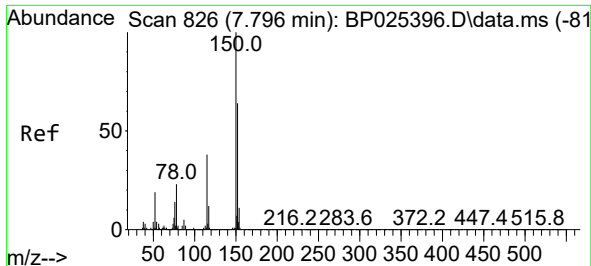
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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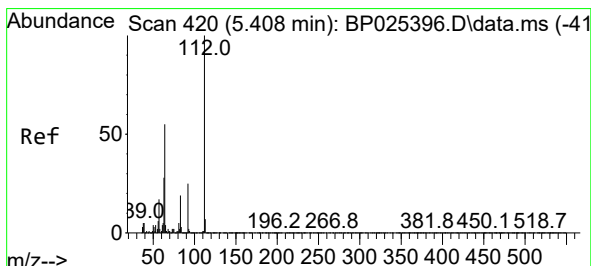
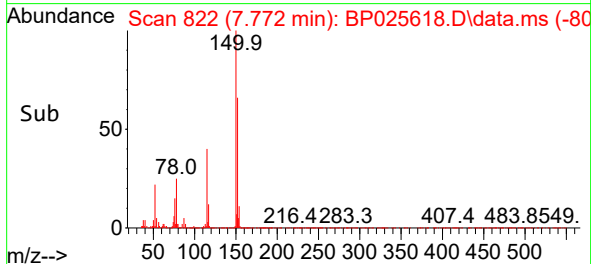
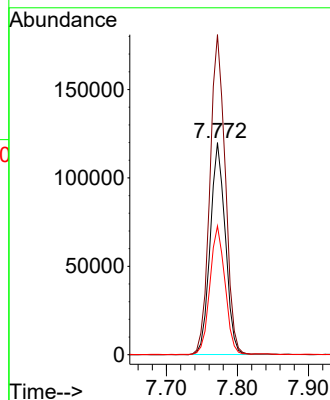
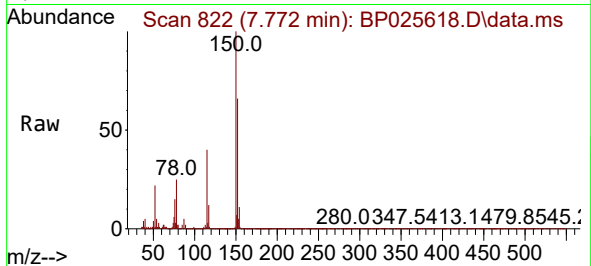




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025618.D
Acq: 28 Aug 2025 19:24

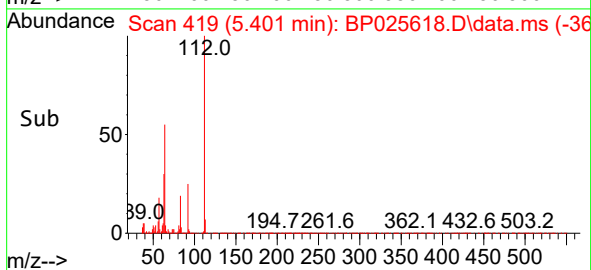
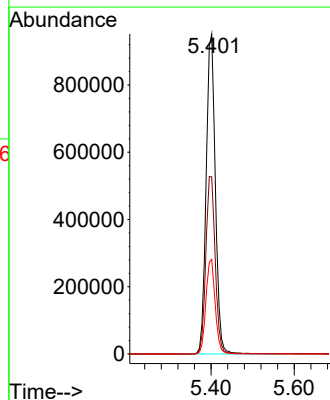
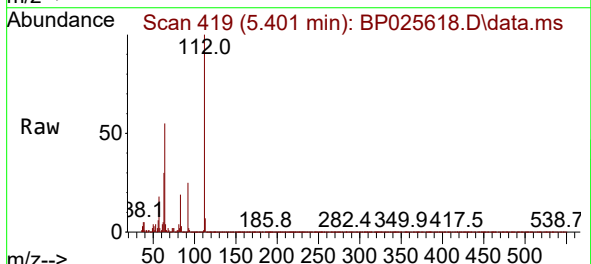
Instrument :
BNA_P
ClientSampleId :
BRIDGE-NORTH

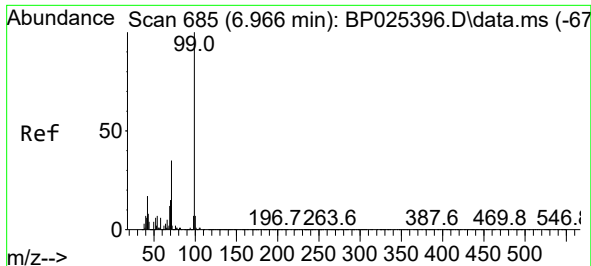
Tgt Ion:152 Resp: 177251
Ion Ratio Lower Upper
152 100
150 150.9 125.9 188.9
115 60.7 48.5 72.7



#5
2-Fluorophenol
Concen: 137.271 ng
RT: 5.401 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025618.D
Acq: 28 Aug 2025 19:24

Tgt Ion:112 Resp: 1465136
Ion Ratio Lower Upper
112 100
64 55.3 43.8 65.8
63 29.6 22.7 34.1

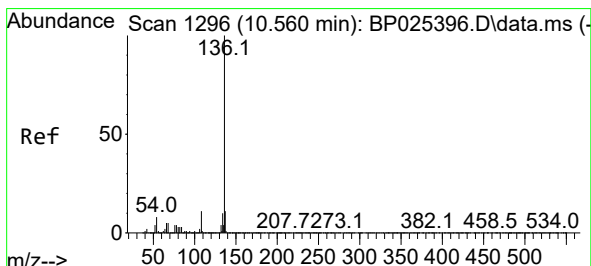
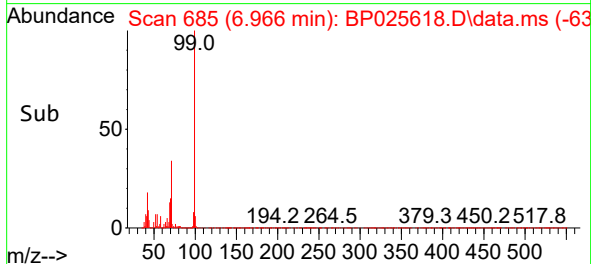
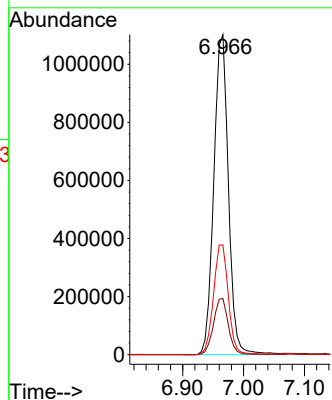
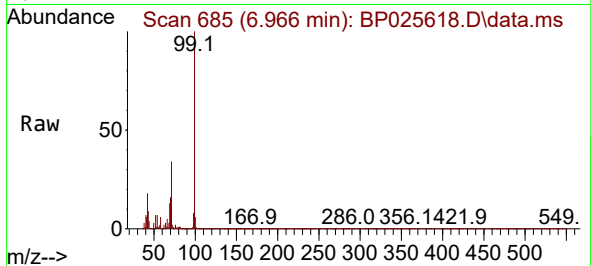




#7
Phenol-d6
Concen: 134.077 ng
RT: 6.966 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025618.D
Acq: 28 Aug 2025 19:24

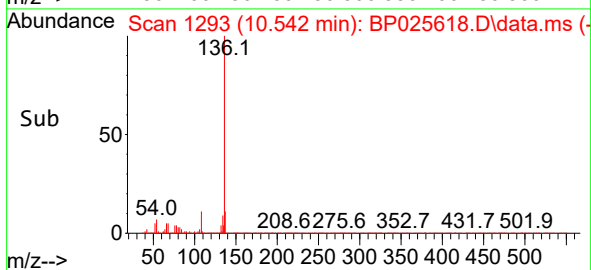
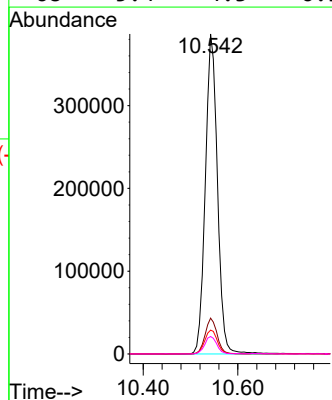
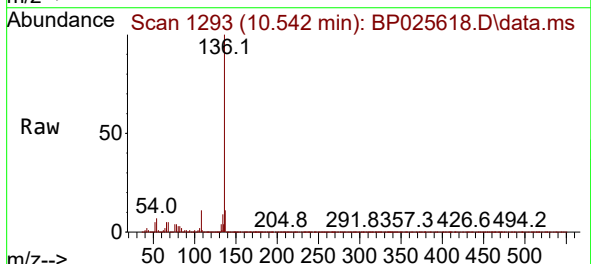
Instrument :
BNA_P
ClientSampleId :
BRIDGE-NORTH

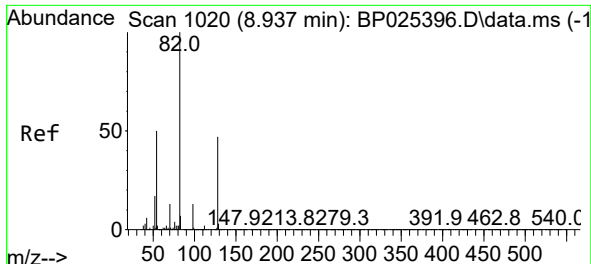
Tgt Ion: 99 Resp: 1834713
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 34.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025618.D
Acq: 28 Aug 2025 19:24

Tgt Ion:136 Resp: 685161
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.5 6.0 9.0
68 5.4 4.3 6.5

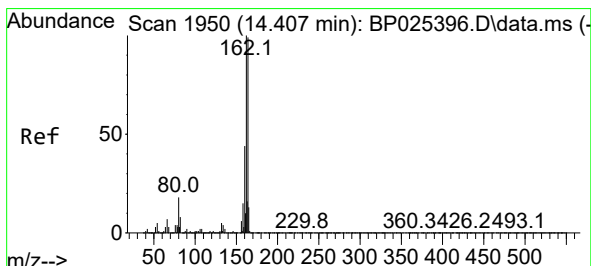
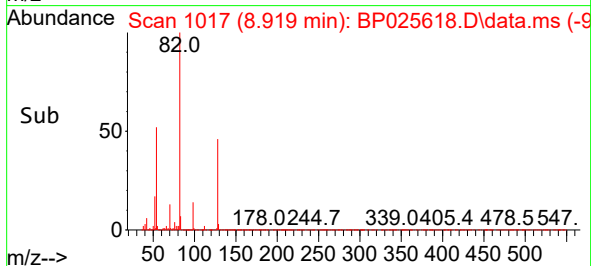
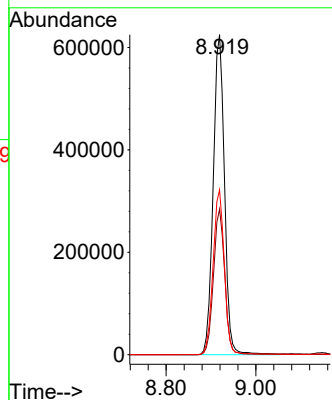
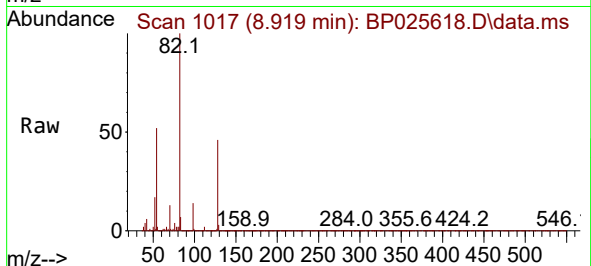




#23
 Nitrobenzene-d5
 Concen: 80.480 ng
 RT: 8.919 min Scan# 1017
 Delta R.T. -0.018 min
 Lab File: BP025618.D
 Acq: 28 Aug 2025 19:24

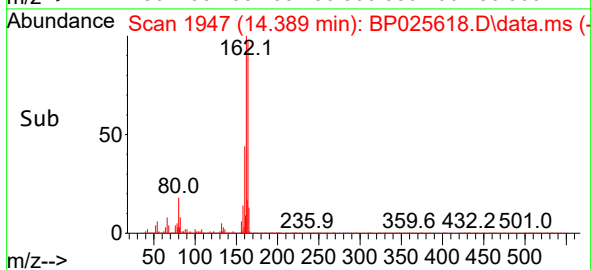
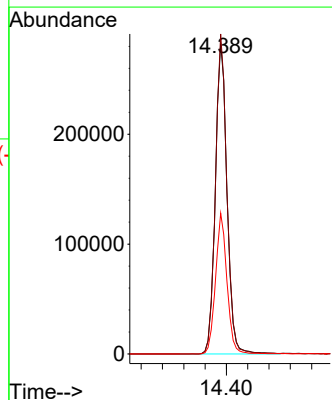
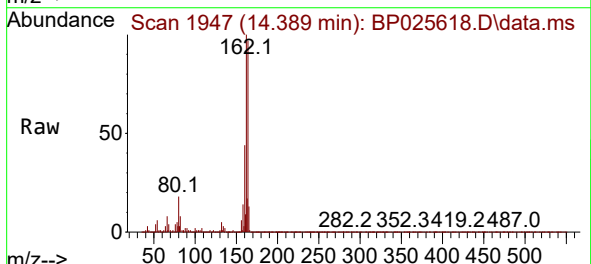
Instrument :
 BNA_P
 ClientSampleId :
 BRIDGE-NORTH

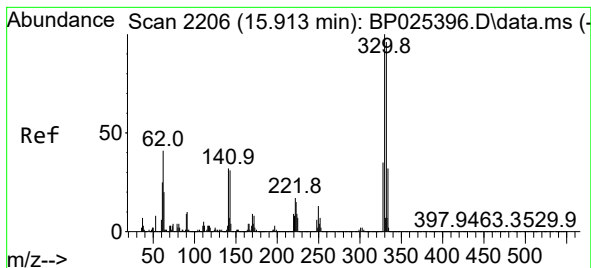
Tgt Ion: 82 Resp: 1090068
 Ion Ratio Lower Upper
 82 100
 128 45.5 37.7 56.5
 54 51.5 39.8 59.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.389 min Scan# 1947
 Delta R.T. -0.018 min
 Lab File: BP025618.D
 Acq: 28 Aug 2025 19:24

Tgt Ion:164 Resp: 429887
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.0 121.6
 160 45.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 145.737 ng

RT: 15.907 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BP025618.D

Acq: 28 Aug 2025 19:24

Instrument :

BNA_P

ClientSampleId :

BRIDGE-NORTH

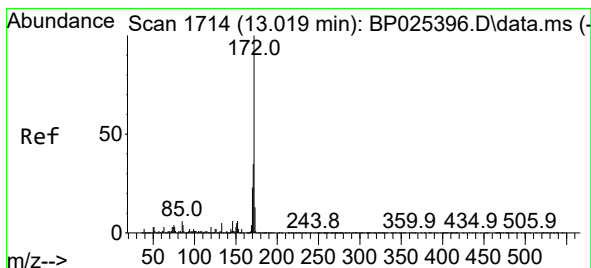
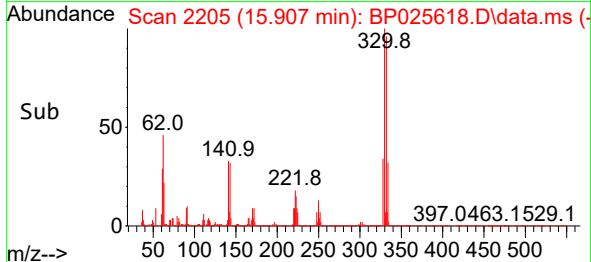
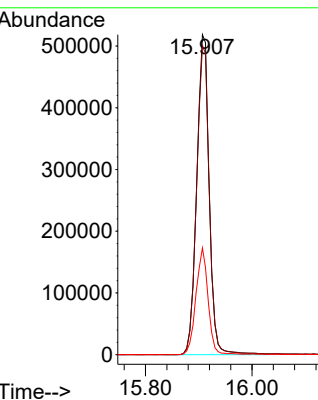
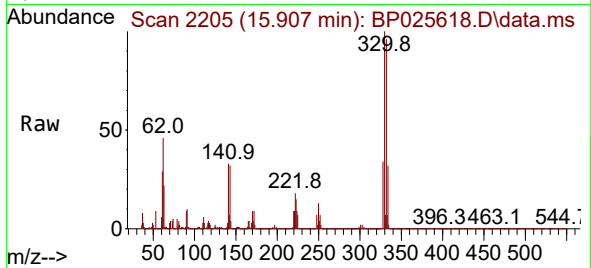
Tgt Ion:330 Resp: 843279

Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

141 32.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 74.756 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025618.D

Acq: 28 Aug 2025 19:24

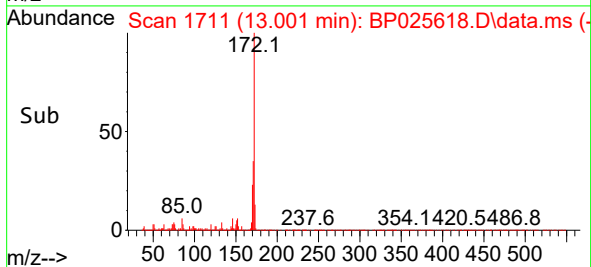
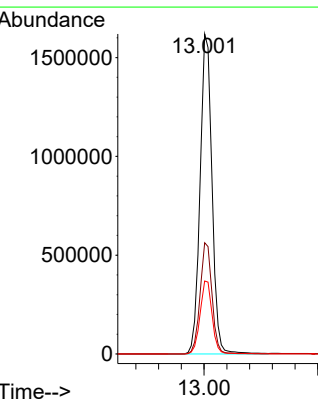
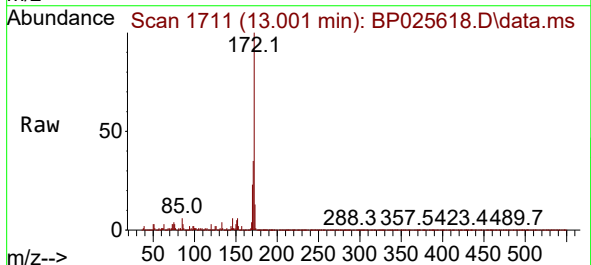
Tgt Ion:172 Resp: 2351442

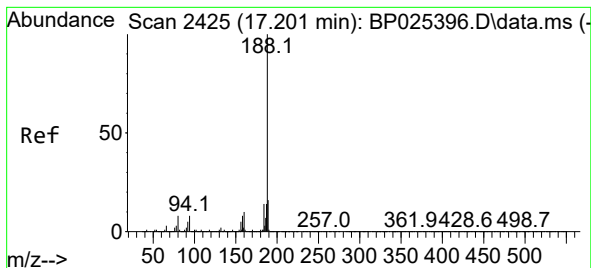
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 22.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.183 min Scan# 24

Delta R.T. -0.018 min

Lab File: BP025618.D

Acq: 28 Aug 2025 19:24

Instrument :

BNA_P

ClientSampleId :

BRIDGE-NORTH

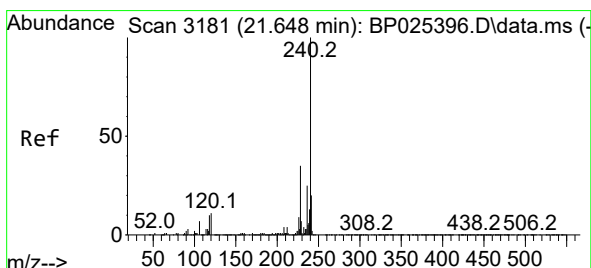
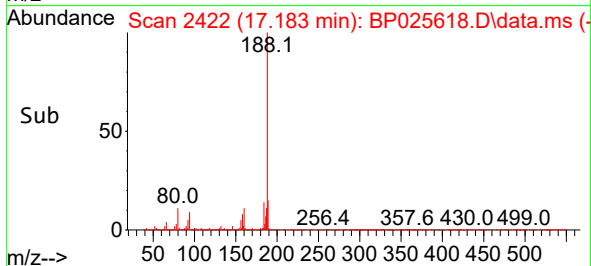
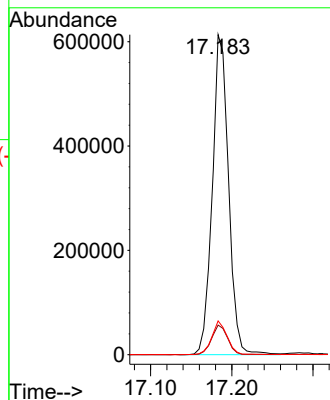
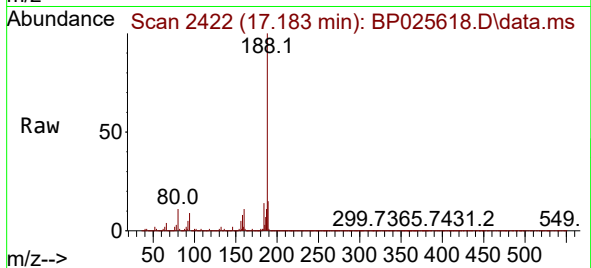
Tgt Ion:188 Resp: 852869

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

80 10.6 6.7 10.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 3177

Delta R.T. -0.024 min

Lab File: BP025618.D

Acq: 28 Aug 2025 19:24

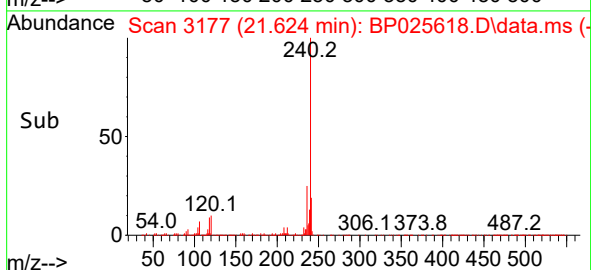
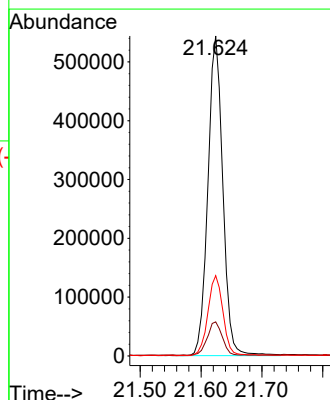
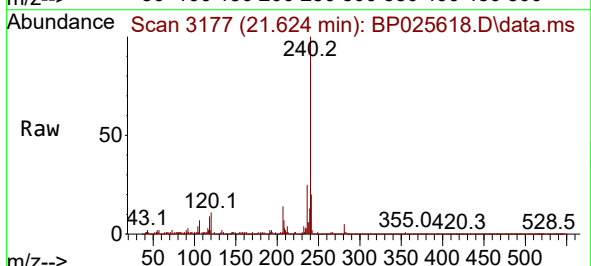
Tgt Ion:240 Resp: 926685

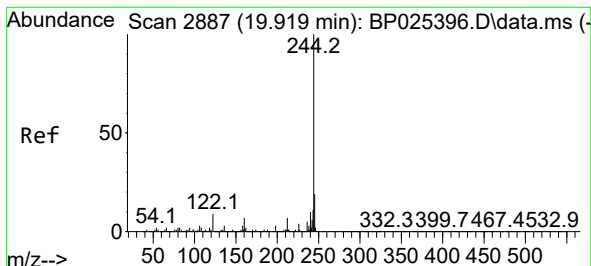
Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.1 19.8 29.8





#79

Terphenyl-d14

Concen: 73.734 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025618.D

Acq: 28 Aug 2025 19:24

Instrument :

BNA_P

ClientSampleId :

BRIDGE-NORTH

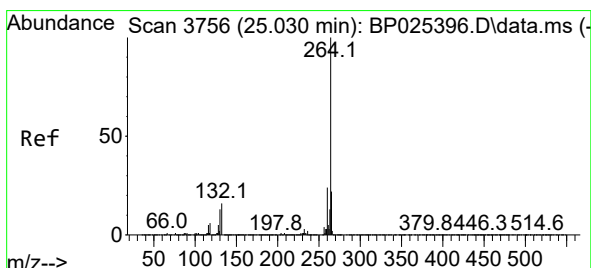
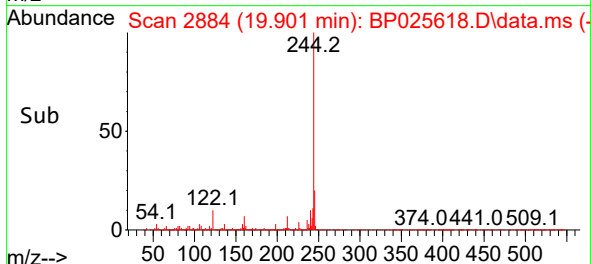
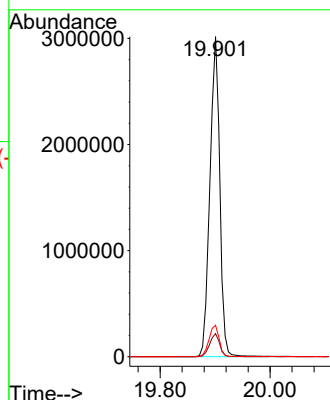
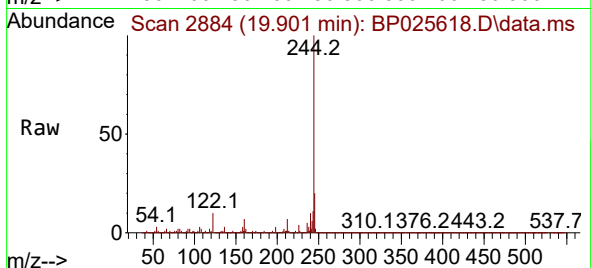
Tgt Ion:244 Resp: 3734662

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: 24.994 min Scan# 3750

Delta R.T. -0.036 min

Lab File: BP025618.D

Acq: 28 Aug 2025 19:24

Tgt Ion:264 Resp: 1114769

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.9 17.4 26.0

