

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
 Data File : BP025647.D
 Acq On : 02 Sep 2025 21:03
 Operator : CG/JU
 Sample : Q2989-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOUTH-TP-6

Quant Time: Sep 03 01:05:41 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)

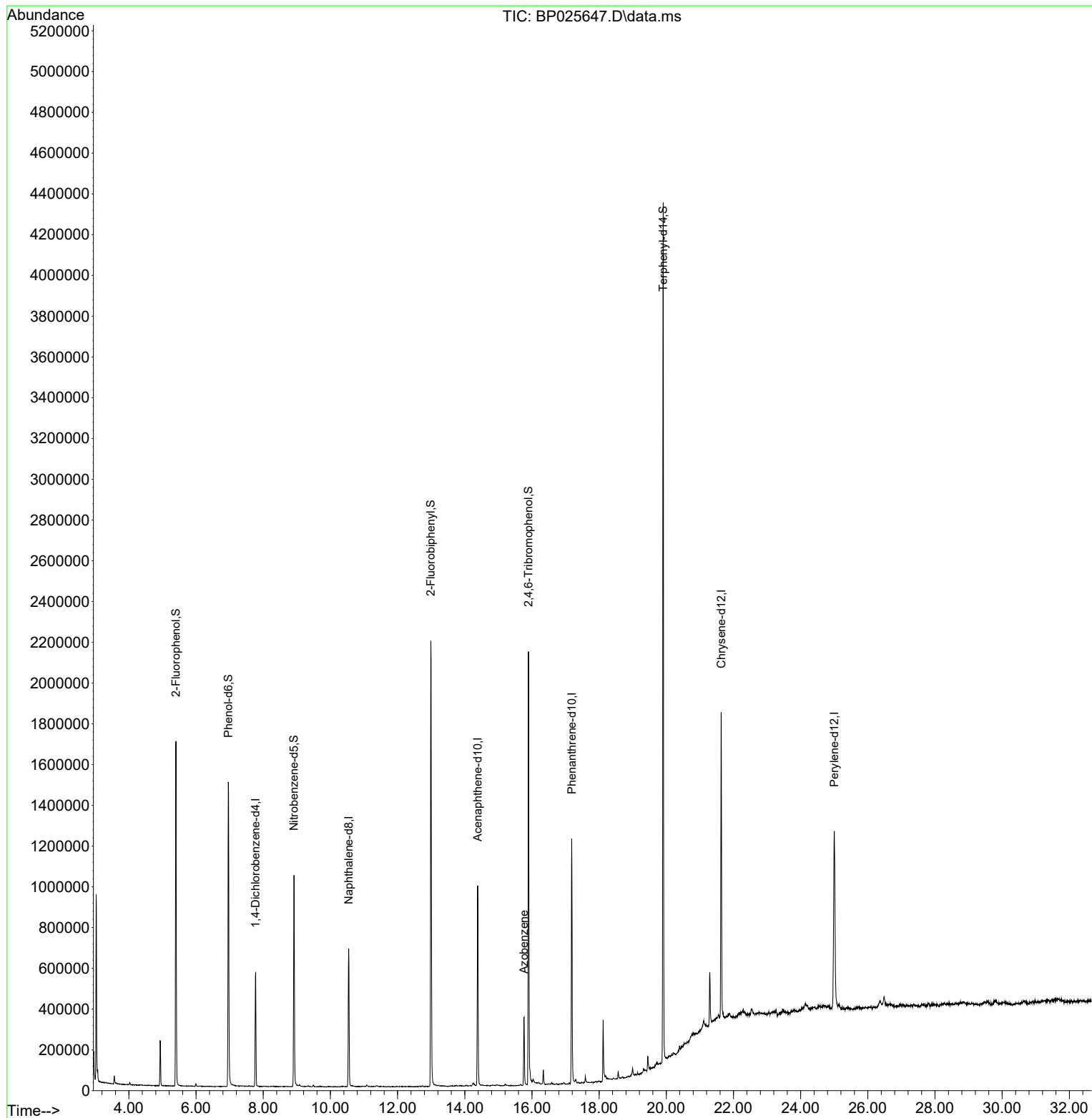
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	159521	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	599978	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	378936	20.000	ng	-0.02
64) Phenanthrene-d10	17.184	188	773193	20.000	ng	-0.02
76) Chrysene-d12	21.636	240	902086	20.000	ng	-0.01
86) Perylene-d12	25.001	264	1000737	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	769610	80.120	ng	0.00
7) Phenol-d6	6.961	99	922377	74.897	ng	0.00
23) Nitrobenzene-d5	8.913	82	598318	50.446	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	431350	84.570	ng	-0.02
45) 2-Fluorobiphenyl	12.990	172	1294645	46.693	ng	-0.03
79) Terphenyl-d14	19.907	244	2284230	46.328	ng	-0.01
Target Compounds						
63) Azobenzene	15.760	77	109194	4.523	ng	Qvalue # 1

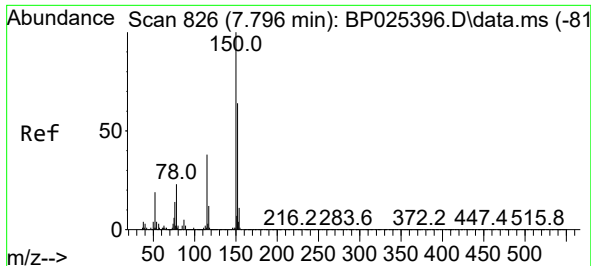
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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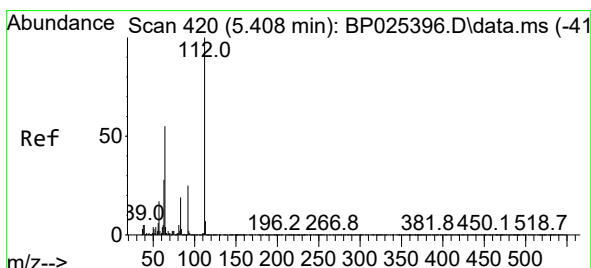
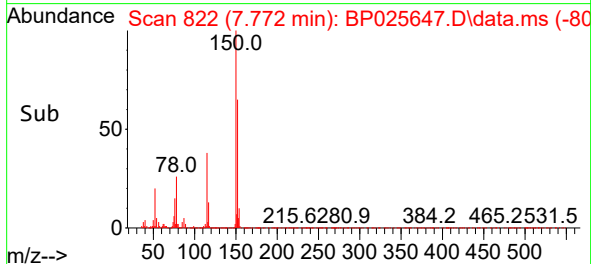
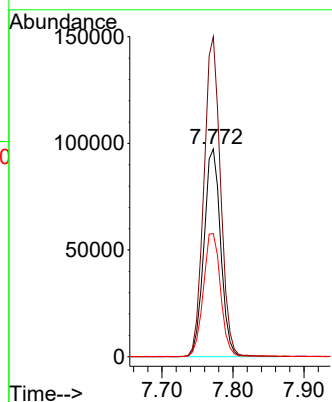
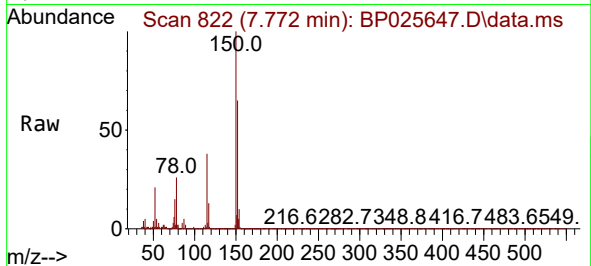




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025647.D
Acq: 02 Sep 2025 21:03

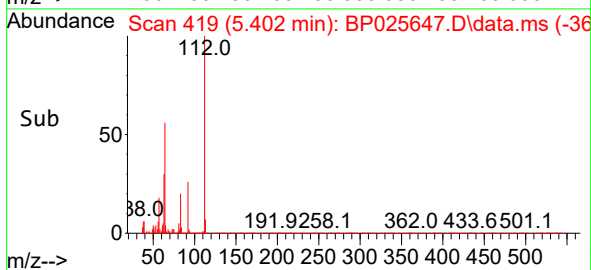
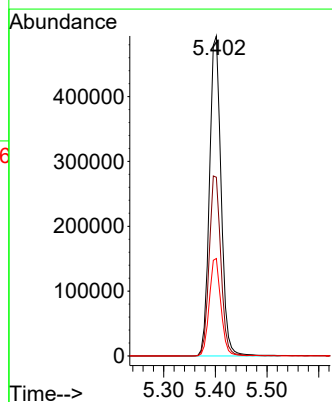
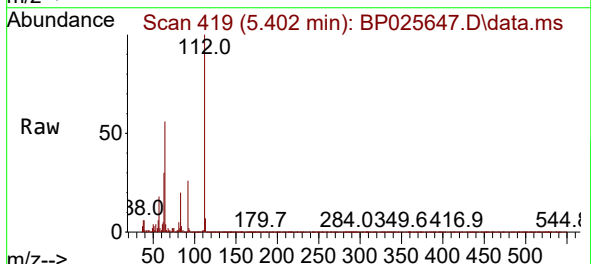
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-6

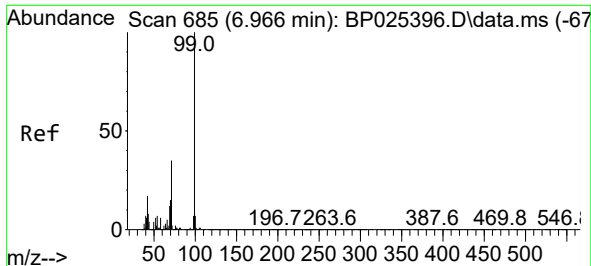
Tgt Ion:152 Resp: 159521
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 59.3 48.5 72.7



#5
2-Fluorophenol
Concen: 80.120 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025647.D
Acq: 02 Sep 2025 21:03

Tgt Ion:112 Resp: 769610
Ion Ratio Lower Upper
112 100
64 55.9 43.8 65.8
63 30.4 22.7 34.1

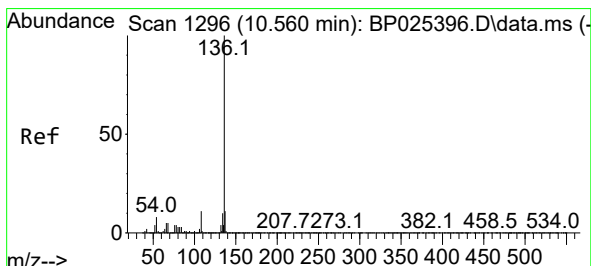
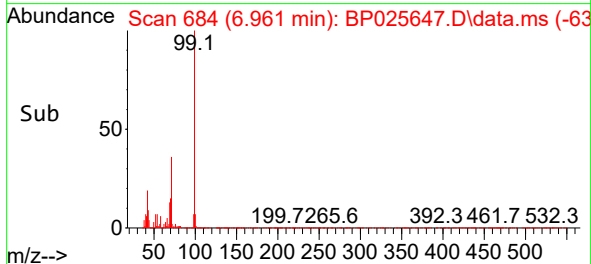
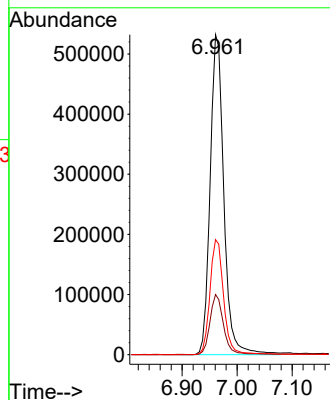
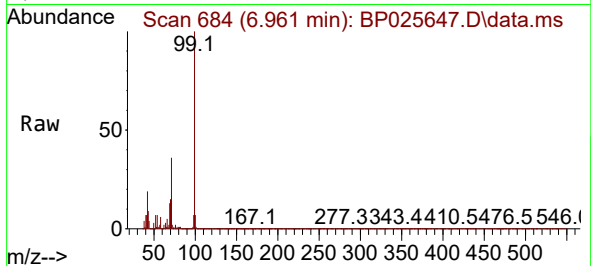




#7
Phenol-d6
Concen: 74.897 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025647.D
Acq: 02 Sep 2025 21:03

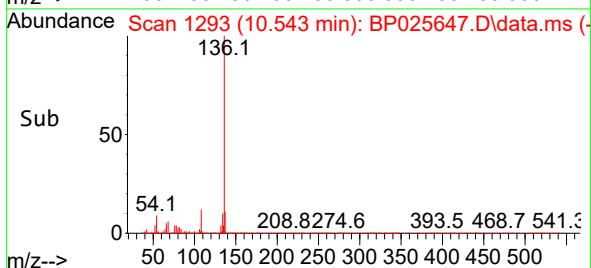
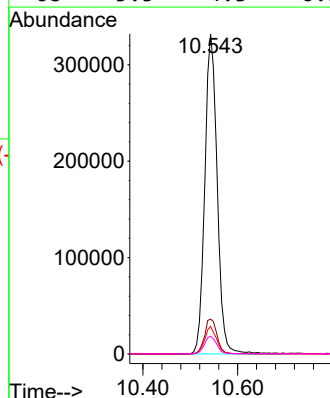
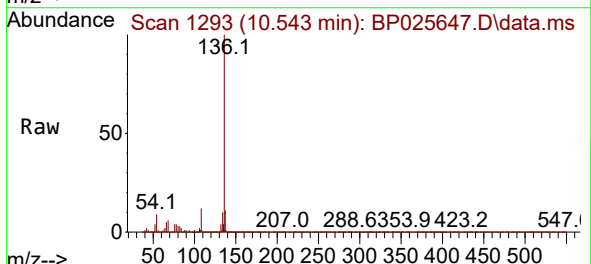
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-6

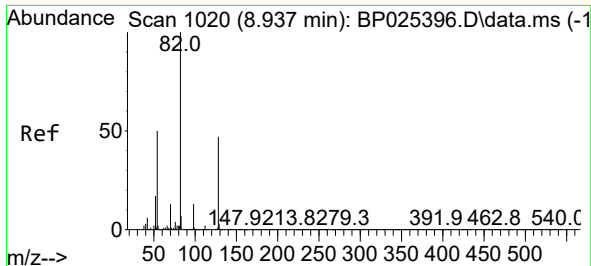
Tgt Ion: 99 Resp: 922377
Ion Ratio Lower Upper
99 100
42 18.8 13.7 20.5
71 35.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025647.D
Acq: 02 Sep 2025 21:03

Tgt Ion: 136 Resp: 599978
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.6 6.0 9.0
68 5.5 4.3 6.5

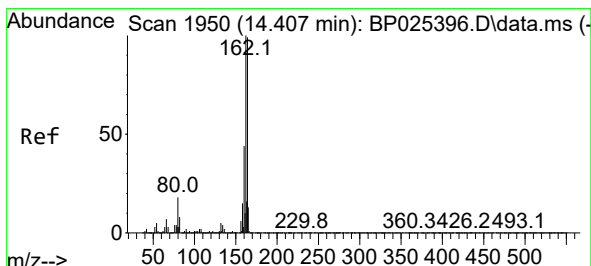
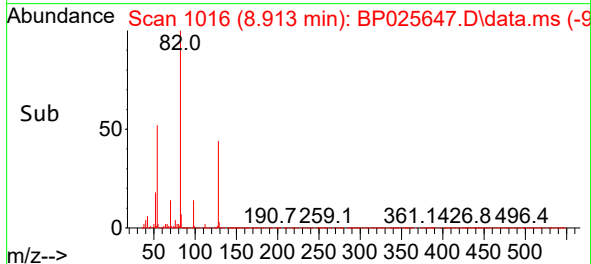
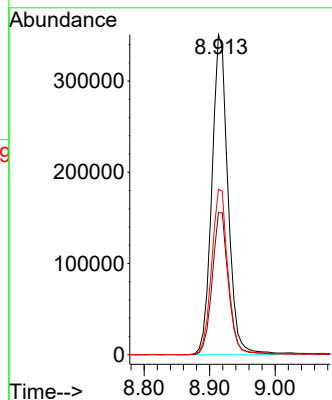
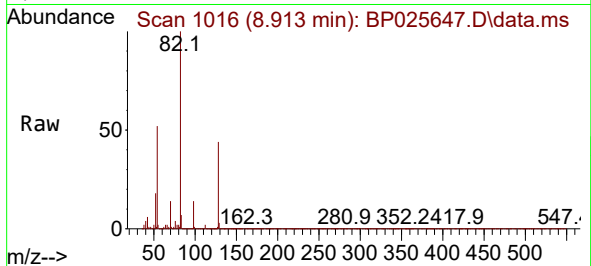




#23
Nitrobenzene-d5
Concen: 50.446 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025647.D
Acq: 02 Sep 2025 21:03

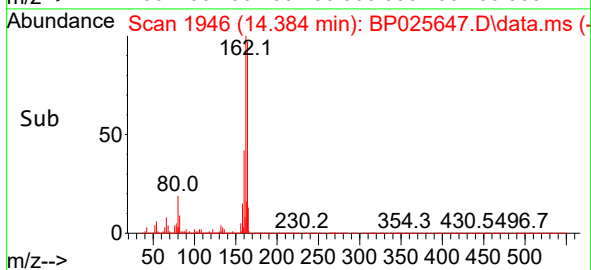
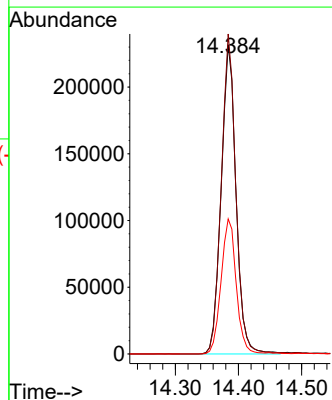
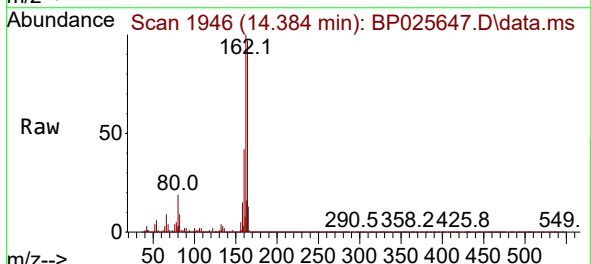
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-6

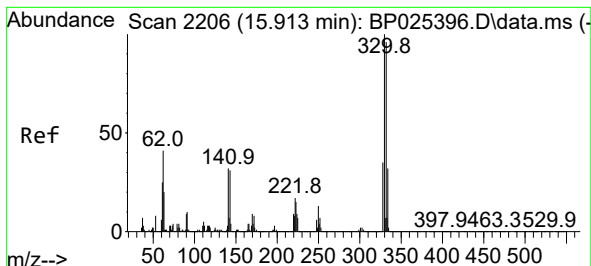
Tgt Ion: 82 Resp: 598318
Ion Ratio Lower Upper
82 100
128 44.4 37.7 56.5
54 51.7 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025647.D
Acq: 02 Sep 2025 21:03

Tgt Ion: 164 Resp: 378936
Ion Ratio Lower Upper
164 100
162 103.5 81.0 121.6
160 43.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 84.570 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025647.D

Acq: 02 Sep 2025 21:03

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-6

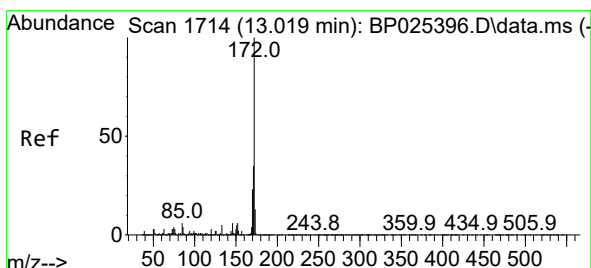
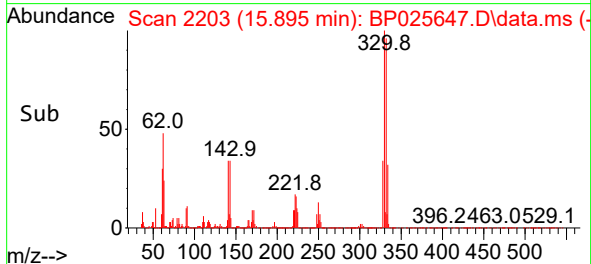
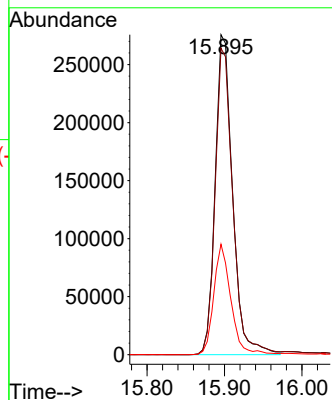
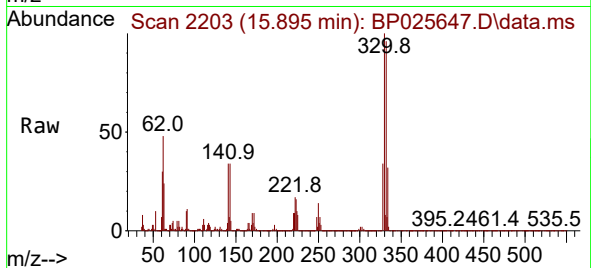
Tgt Ion:330 Resp: 431350

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 33.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 46.693 ng

RT: 12.990 min Scan# 1709

Delta R.T. -0.029 min

Lab File: BP025647.D

Acq: 02 Sep 2025 21:03

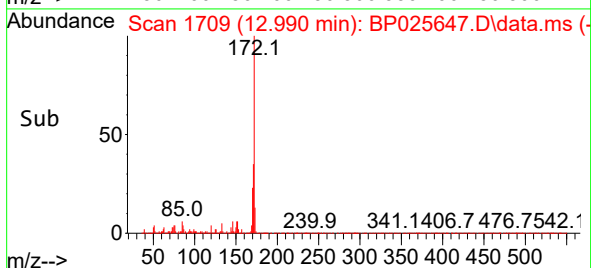
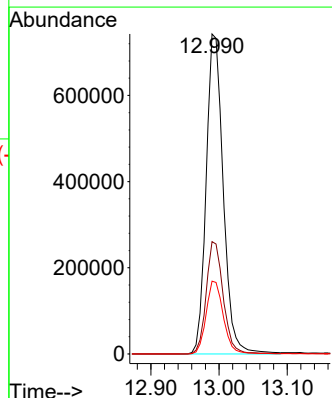
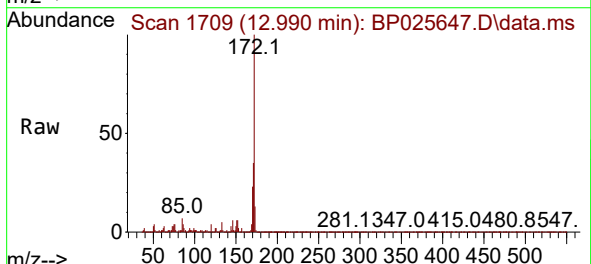
Tgt Ion:172 Resp: 1294645

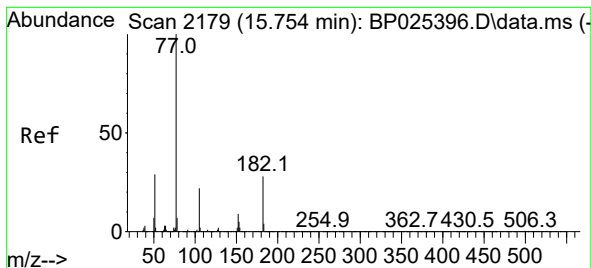
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 22.8 18.6 28.0





#63

Azobenzene

Concen: 4.523 ng

RT: 15.760 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025647.D

Acq: 02 Sep 2025 21:03

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-6

Tgt Ion: 77 Resp: 109194

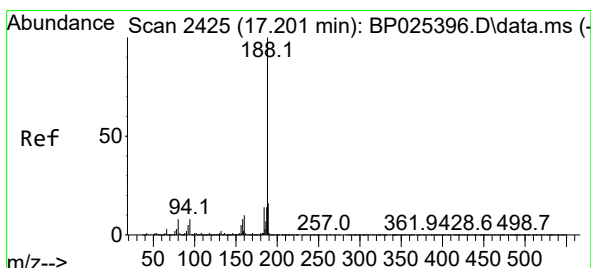
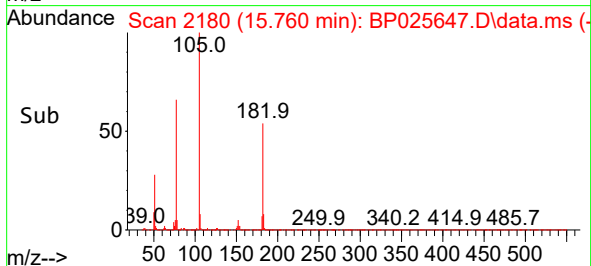
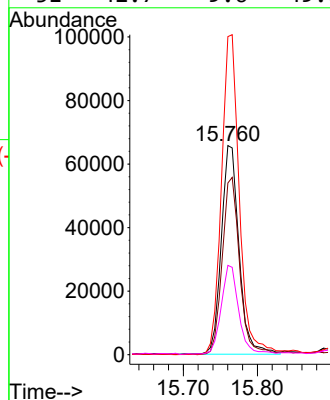
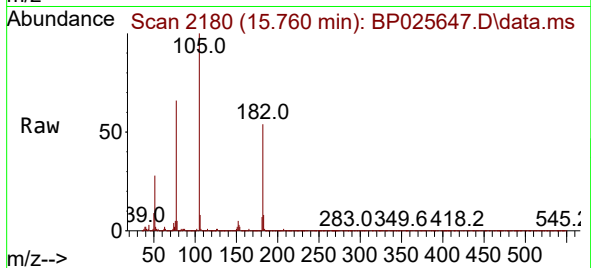
Ion Ratio Lower Upper

77 100

182 82.1 7.5 47.5#

105 152.1 2.1 42.1#

51 42.7 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.184 min Scan# 2422

Delta R.T. -0.017 min

Lab File: BP025647.D

Acq: 02 Sep 2025 21:03

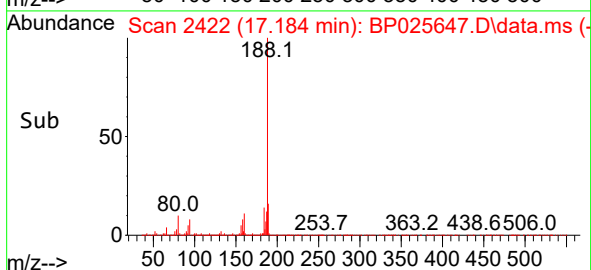
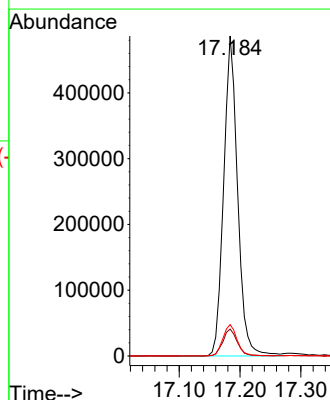
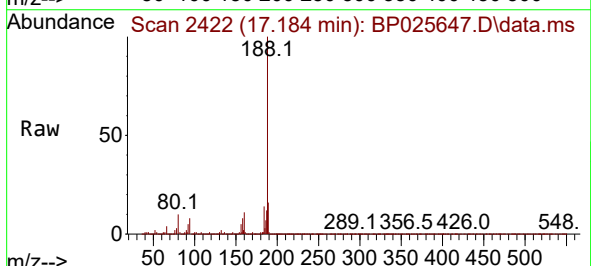
Tgt Ion:188 Resp: 773193

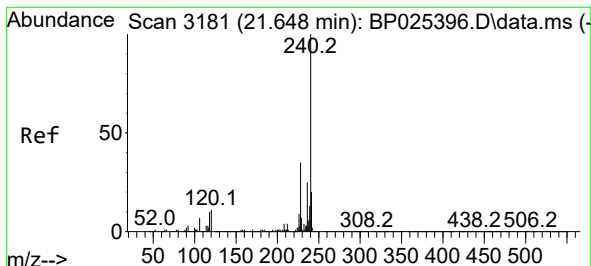
Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.8 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3181

Delta R.T. -0.012 min

Lab File: BP025647.D

Acq: 02 Sep 2025 21:03

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-6

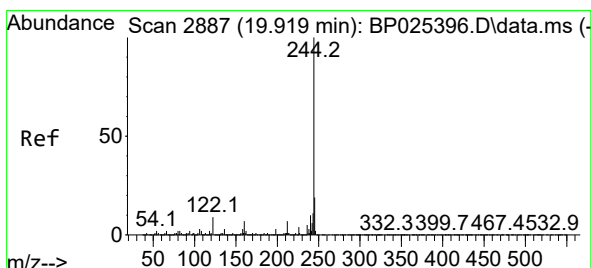
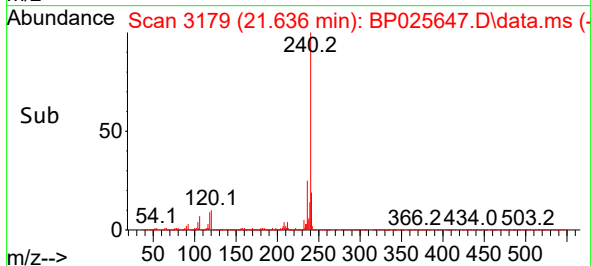
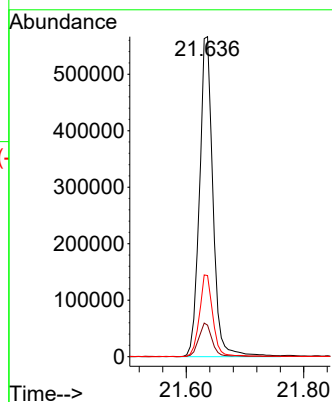
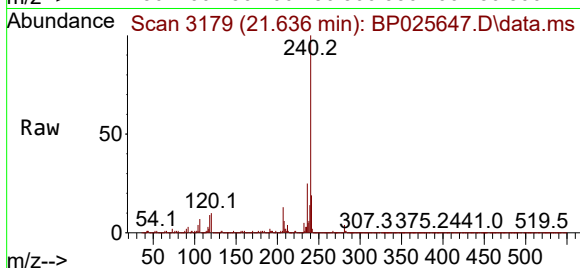
Tgt Ion:240 Resp: 902086

Ion Ratio Lower Upper

240 100

120 9.8 8.9 13.3

236 25.4 19.8 29.8



#79

Terphenyl-d14

Concen: 46.328 ng

RT: 19.907 min Scan# 2885

Delta R.T. -0.012 min

Lab File: BP025647.D

Acq: 02 Sep 2025 21:03

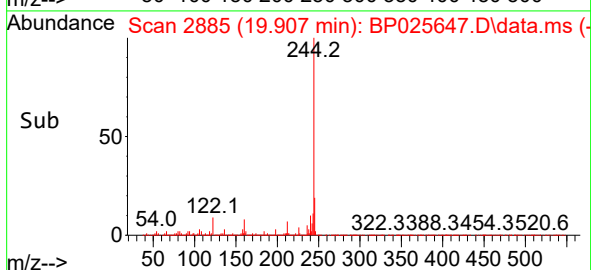
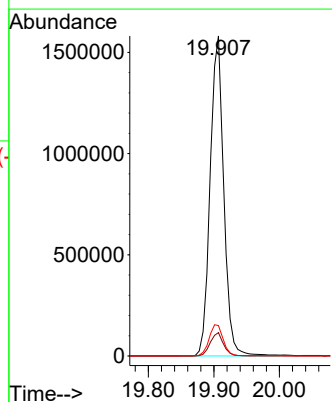
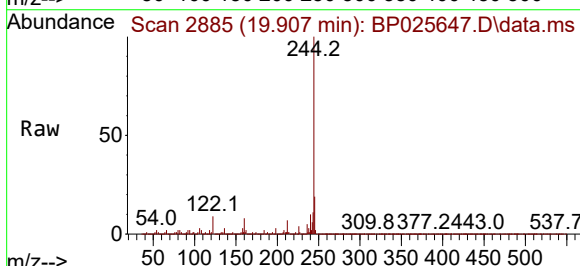
Tgt Ion:244 Resp: 2284230

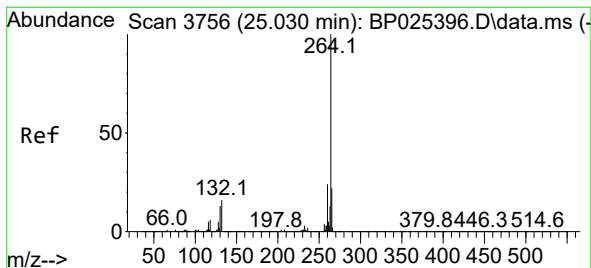
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.5 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025647.D

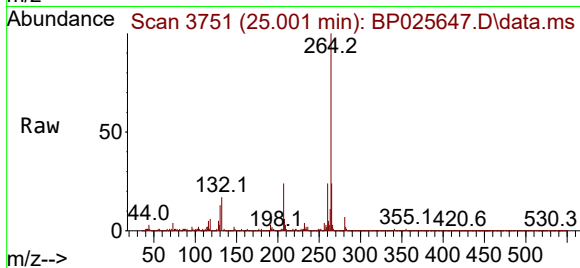
Acq: 02 Sep 2025 21:03

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Tgt Ion:264 Resp: 1000737

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 23.6 17.4 26.0

