

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
 Data File : BP025652.D
 Acq On : 03 Sep 2025 00:28
 Operator : CG/JU
 Sample : Q2996-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONTAINMENT-C

Quant Time: Sep 03 01:07:09 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	126560	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	510162	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	332849	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	637857	20.000	ng	# 0.00
76) Chrysene-d12	21.624	240	685468	20.000	ng	-0.02
86) Perylene-d12	24.983	264	799185	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	645690	84.726	ng	0.00
7) Phenol-d6	6.961	99	799163	81.792	ng	0.00
23) Nitrobenzene-d5	8.913	82	529348	52.488	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	426668	95.235	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	1337742	54.928	ng	-0.02
79) Terphenyl-d14	19.907	244	2257524	60.255	ng	-0.01

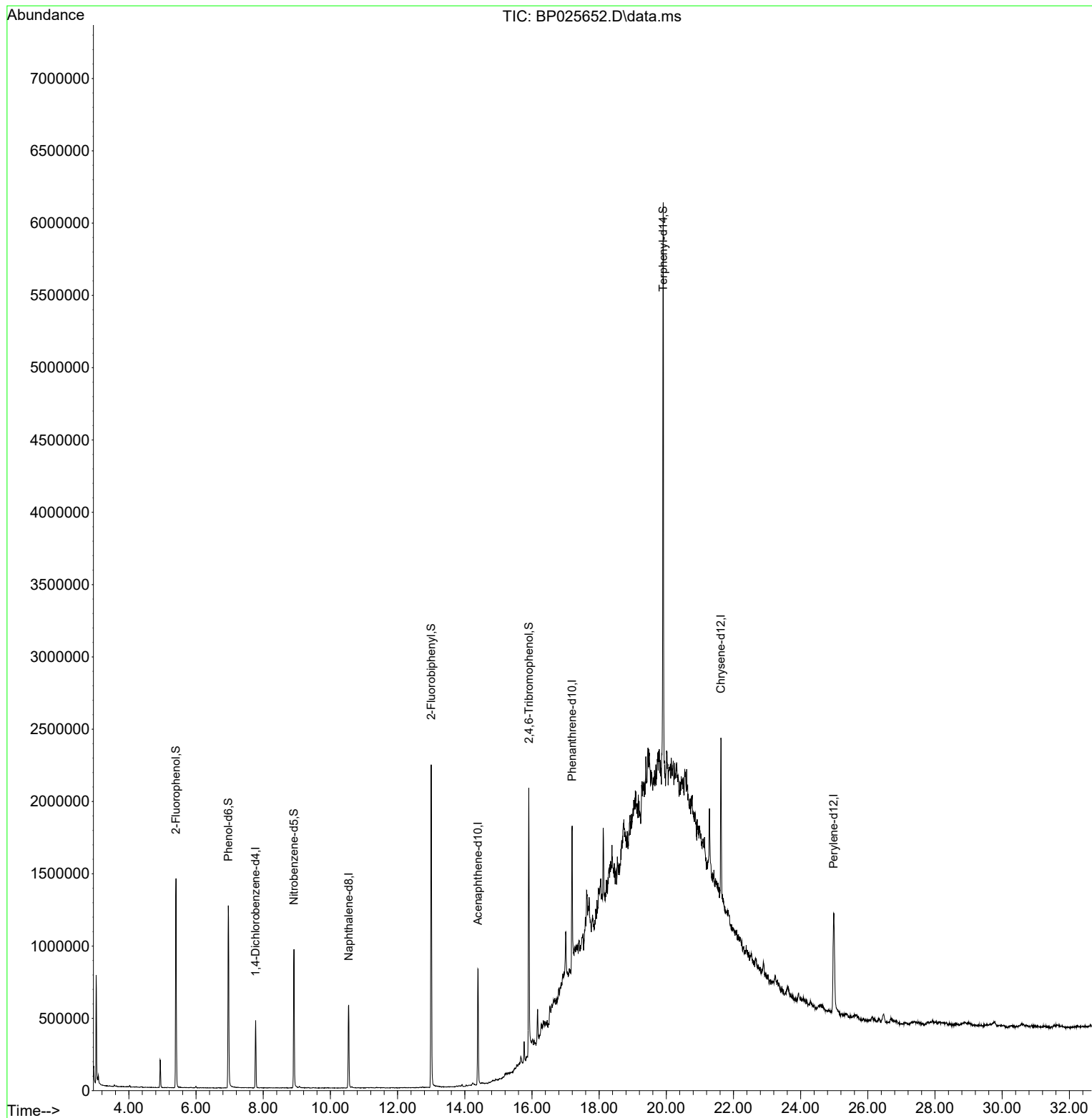
Target Compounds	Qvalue

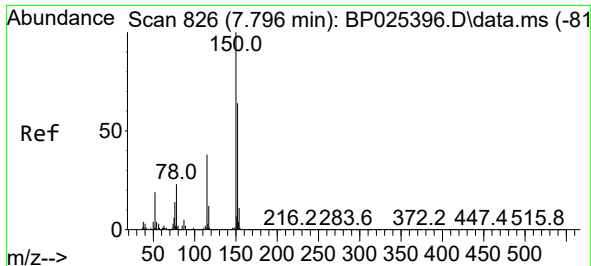
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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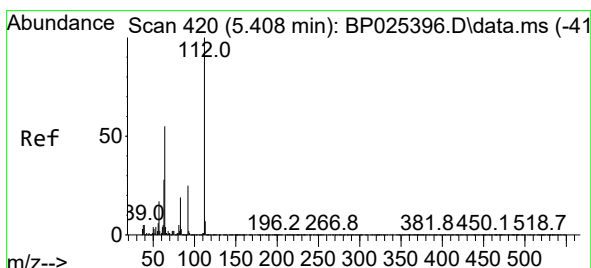
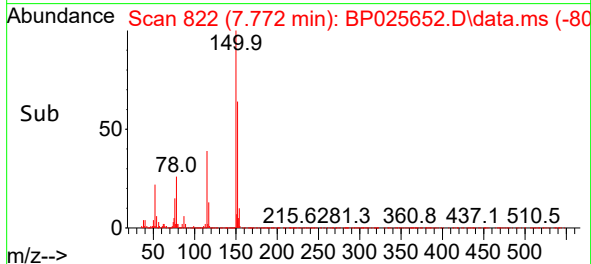
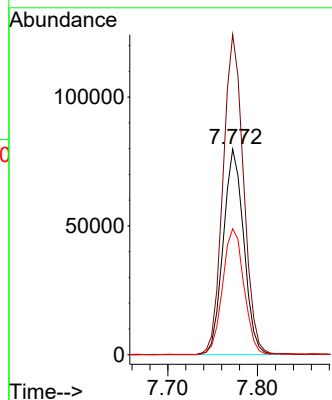
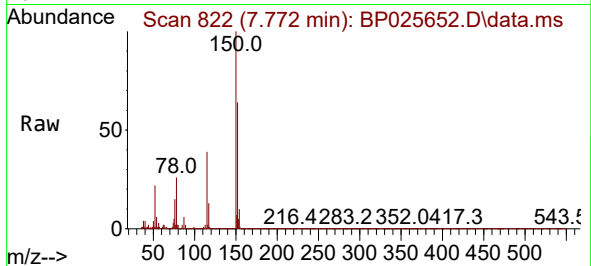




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025652.D
Acq: 03 Sep 2025 00:28

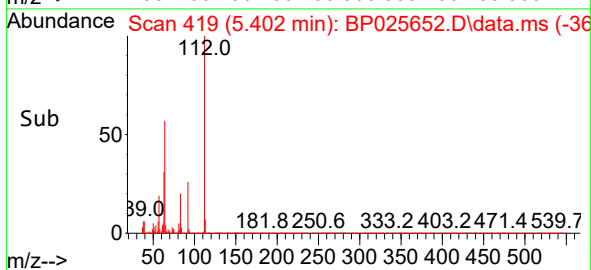
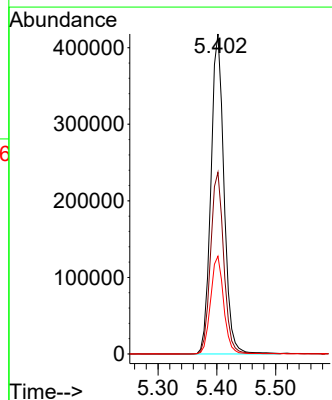
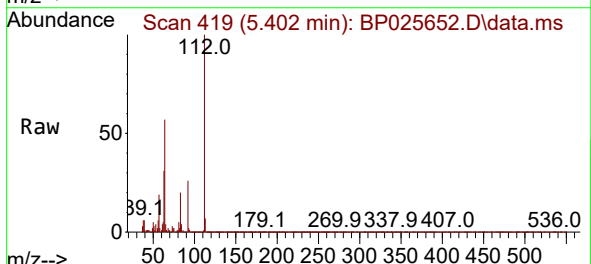
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-C

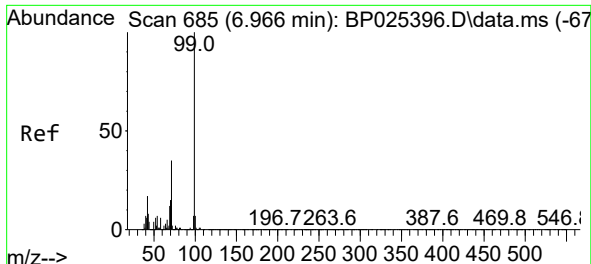
Tgt Ion:152 Resp: 126560
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 61.2 48.5 72.7



#5
2-Fluorophenol
Concen: 84.726 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025652.D
Acq: 03 Sep 2025 00:28

Tgt Ion:112 Resp: 645690
Ion Ratio Lower Upper
112 100
64 56.8 43.8 65.8
63 30.6 22.7 34.1

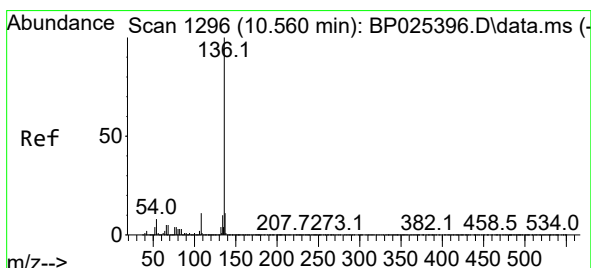
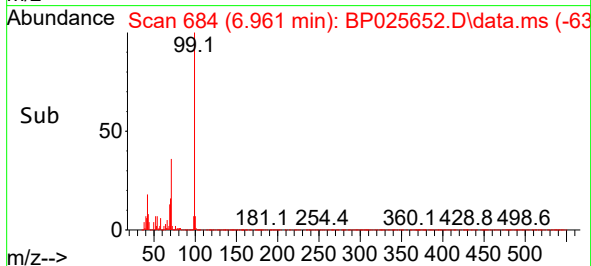
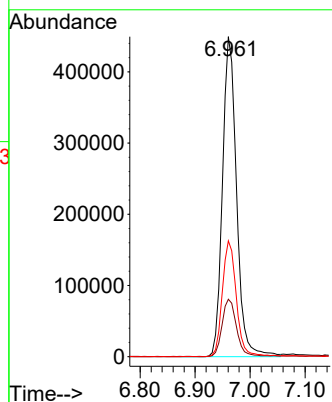
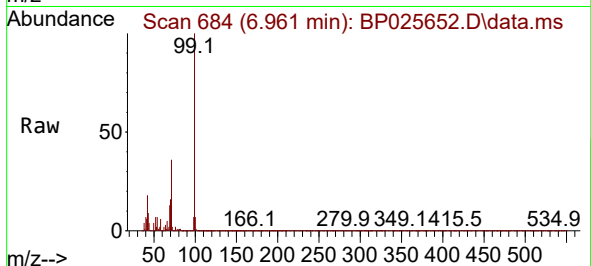




#7
Phenol-d6
Concen: 81.792 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025652.D
Acq: 03 Sep 2025 00:28

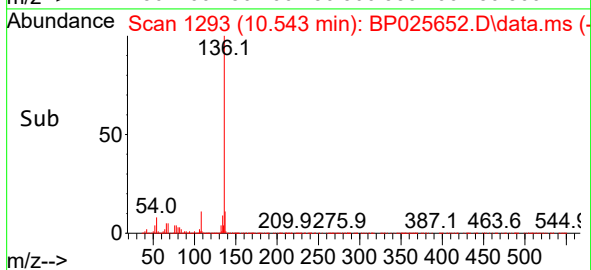
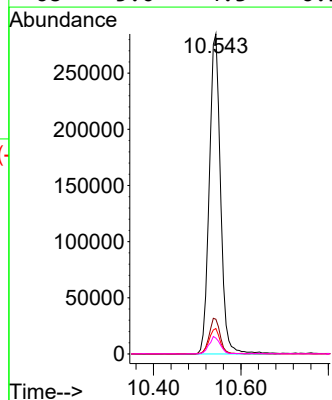
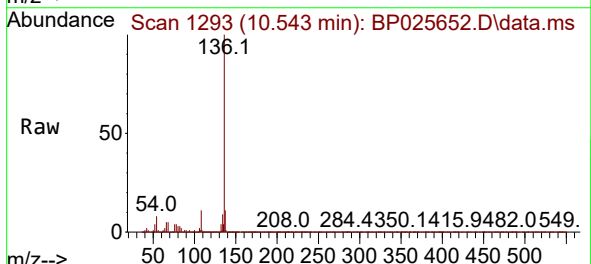
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-C

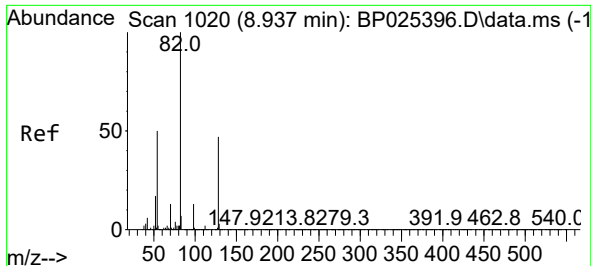
Tgt Ion: 99 Resp: 799163
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 36.2 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025652.D
Acq: 03 Sep 2025 00:28

Tgt Ion: 136 Resp: 510162
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.0 6.0 9.0
68 5.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 52.488 ng

RT: 8.913 min Scan# 1016

Delta R.T. -0.023 min

Lab File: BP025652.D

Acq: 03 Sep 2025 00:28

Instrument :

BNA_P

ClientSampleId :

CONTAINMENT-C

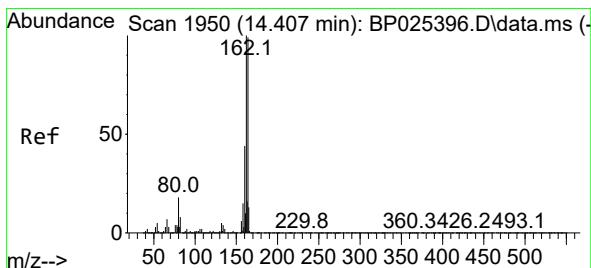
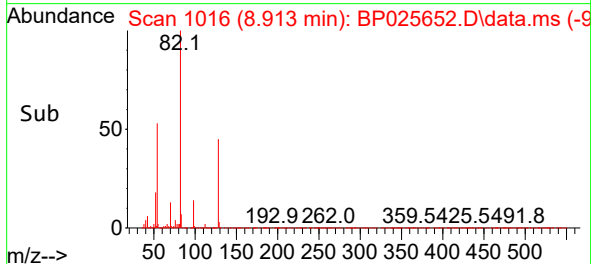
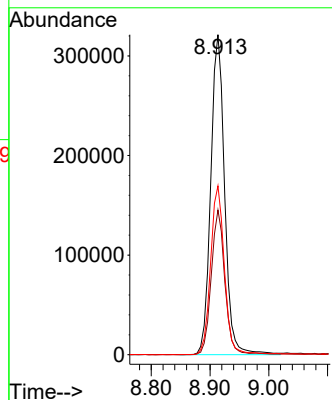
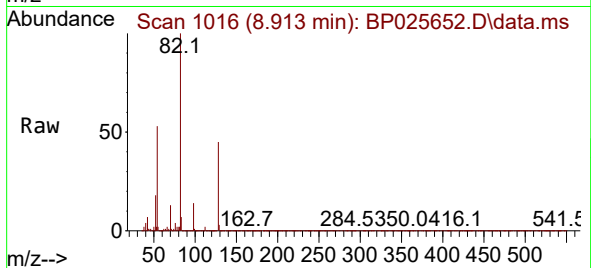
Tgt Ion: 82 Resp: 529348

Ion Ratio Lower Upper

82 100

128 45.2 37.7 56.5

54 52.8 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: BP025652.D

Acq: 03 Sep 2025 00:28

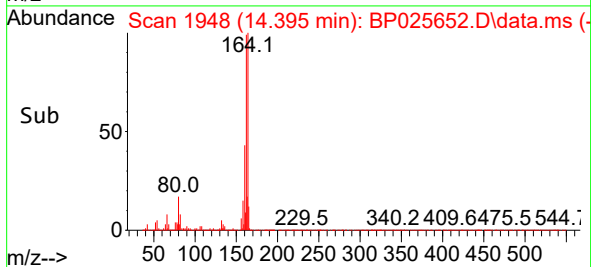
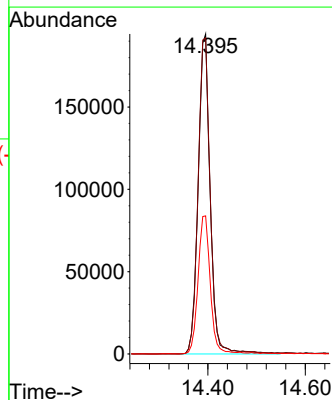
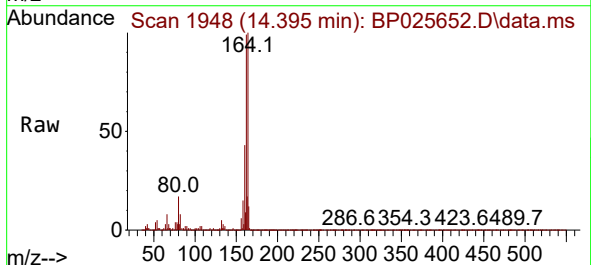
Tgt Ion: 164 Resp: 332849

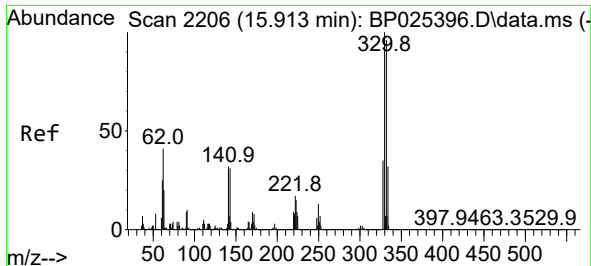
Ion Ratio Lower Upper

164 100

162 98.8 81.0 121.6

160 43.1 35.4 53.2

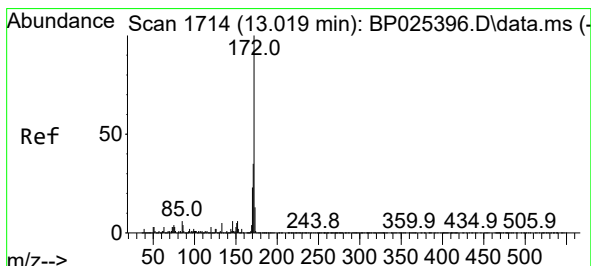
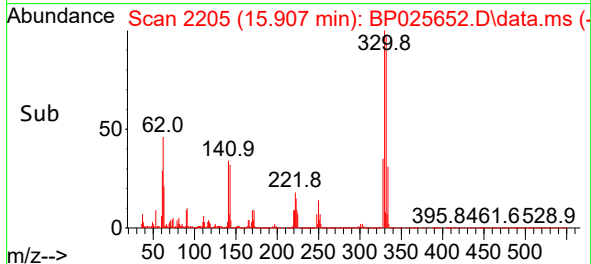
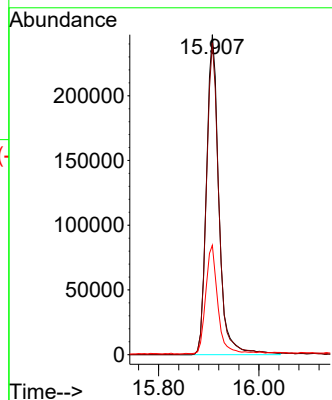
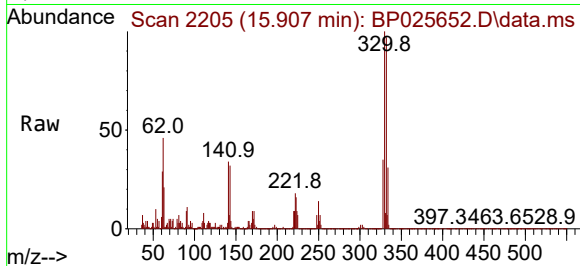




#42
2,4,6-Tribromophenol
Concen: 95.235 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025652.D
Acq: 03 Sep 2025 00:28

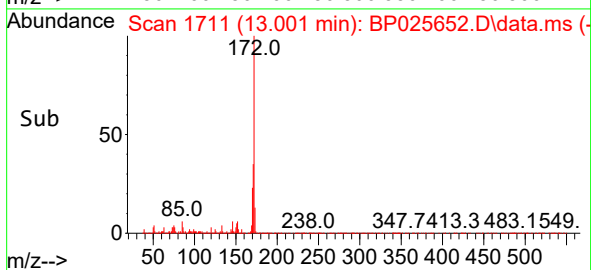
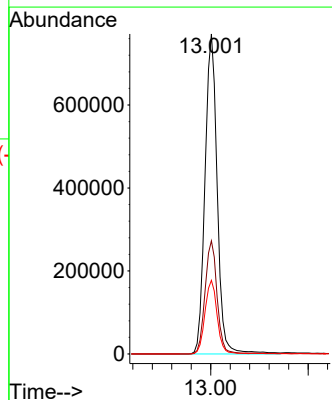
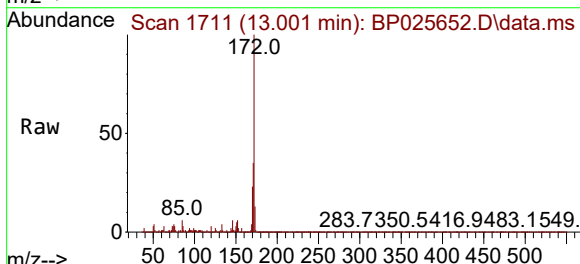
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-C

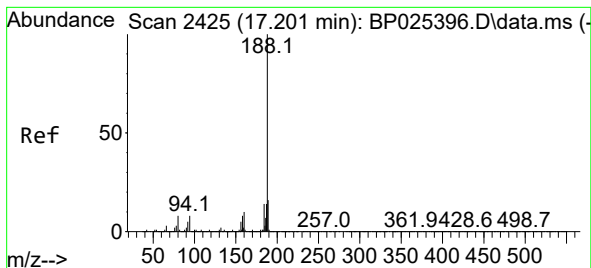
Tgt Ion:330 Resp: 426668
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 33.3 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 54.928 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.017 min
Lab File: BP025652.D
Acq: 03 Sep 2025 00:28

Tgt Ion:172 Resp: 1337742
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.0 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: BP025652.D

Acq: 03 Sep 2025 00:28

Instrument :

BNA_P

ClientSampleId :

CONTAINMENT-C

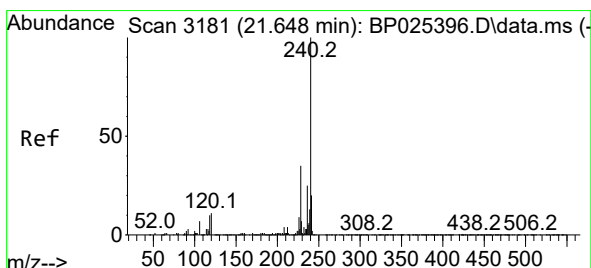
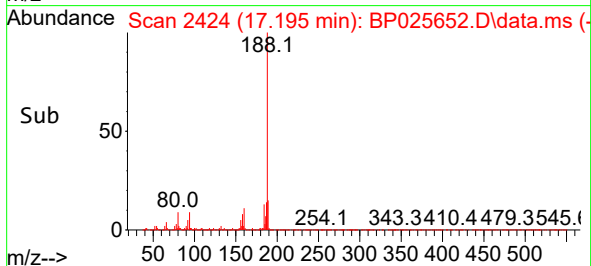
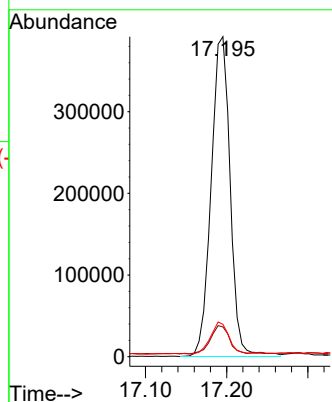
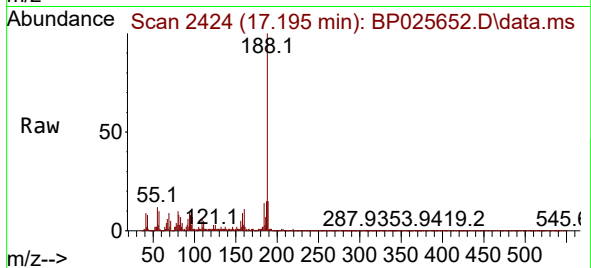
Tgt Ion:188 Resp: 637857

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

80 10.1 6.7 10.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 3177

Delta R.T. -0.023 min

Lab File: BP025652.D

Acq: 03 Sep 2025 00:28

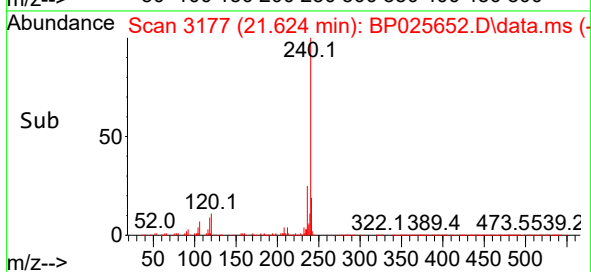
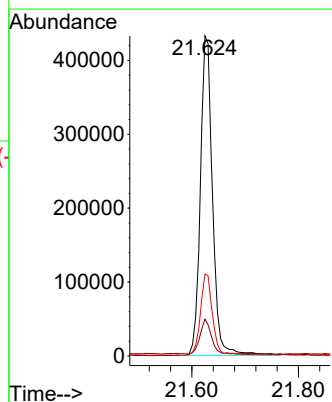
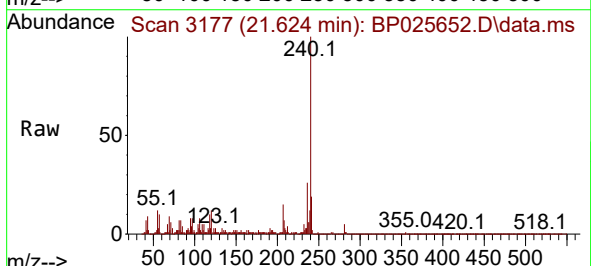
Tgt Ion:240 Resp: 685468

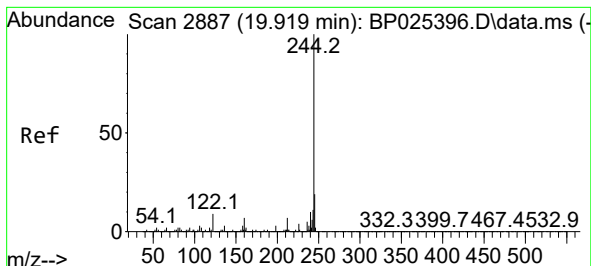
Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 60.255 ng

RT: 19.907 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025652.D

Acq: 03 Sep 2025 00:28

Instrument :

BNA_P

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CONTAINMENT-C

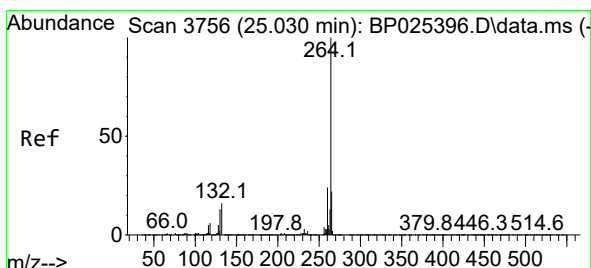
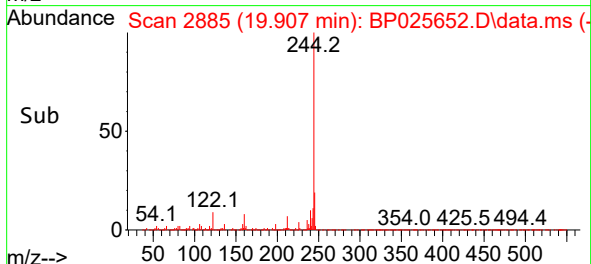
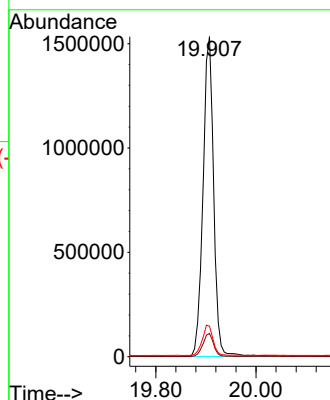
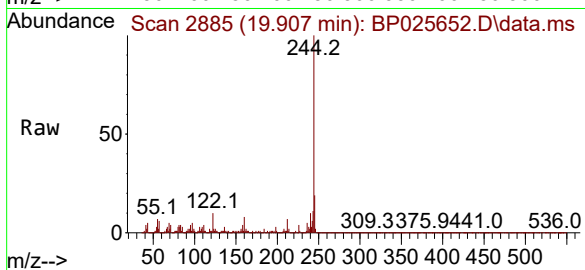
Tgt Ion:244 Resp: 2257524

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.6 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.983 min Scan# 3748

Delta R.T. -0.047 min

Lab File: BP025652.D

Acq: 03 Sep 2025 00:28

Tgt Ion:264 Resp: 799185

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 22.2 17.4 26.0

