

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
 Data File : BP025651.D
 Acq On : 02 Sep 2025 23:47
 Operator : CG/JU
 Sample : Q2996-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONTAINMENT-B

Quant Time: Sep 03 01:06:50 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	168987	20.000	ng	-0.02
21) Naphthalene-d8	10.537	136	690138	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	451591	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	663328	20.000	ng	# 0.00
76) Chrysene-d12	21.642	240	753401	20.000	ng	# 0.00
86) Perylene-d12	25.006	264	933896	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	585971	57.586	ng	-0.01
7) Phenol-d6	6.960	99	714280	54.751	ng	0.00
23) Nitrobenzene-d5	8.907	82	501253	36.741	ng	-0.03
42) 2,4,6-Tribromophenol	15.901	330	358407	58.964	ng	-0.01
45) 2-Fluorobiphenyl	12.995	172	1282540	38.814	ng	-0.02
79) Terphenyl-d14	19.924	244	1636542	39.742	ng	0.00

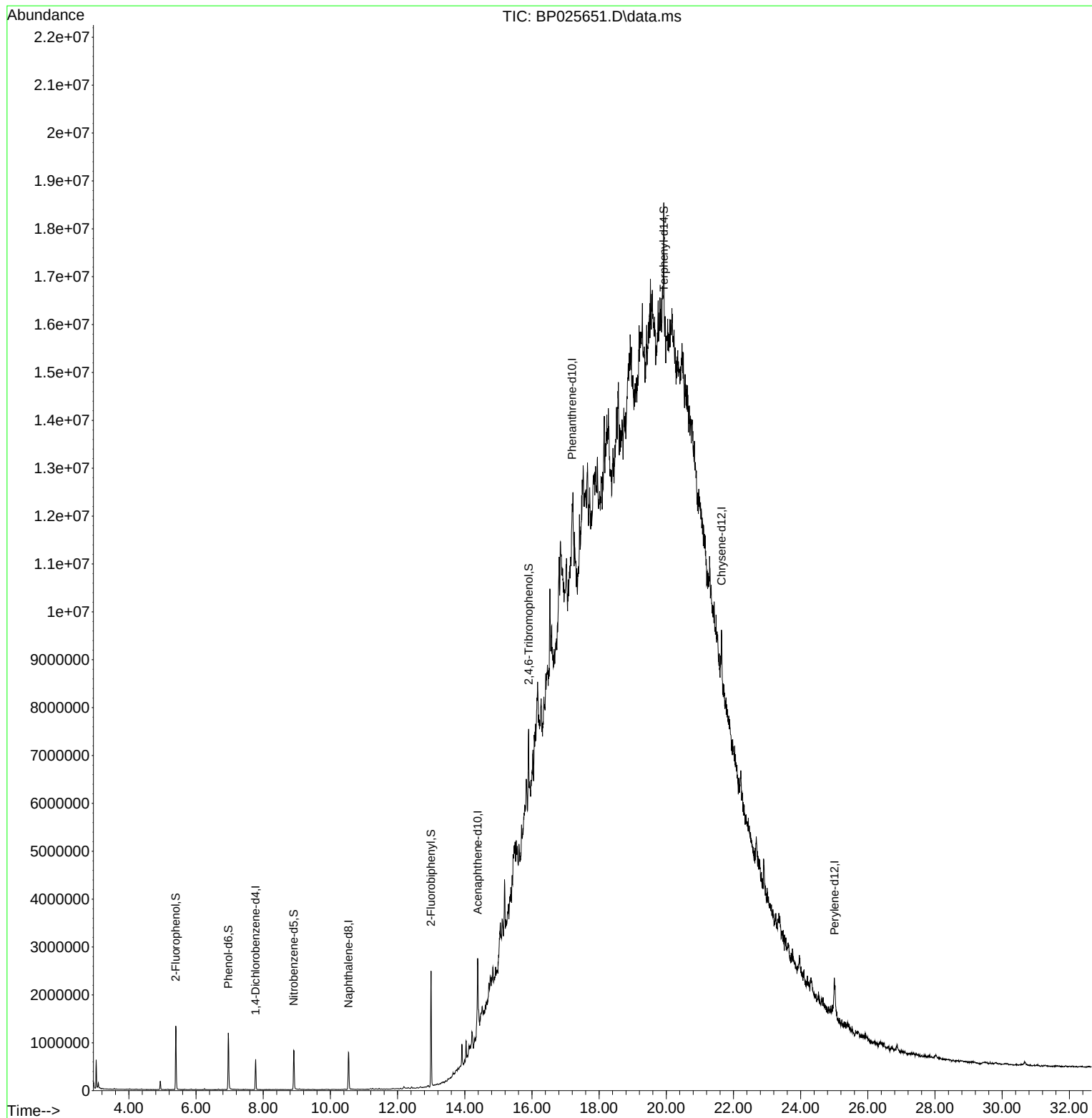
Target Compounds	Qvalue

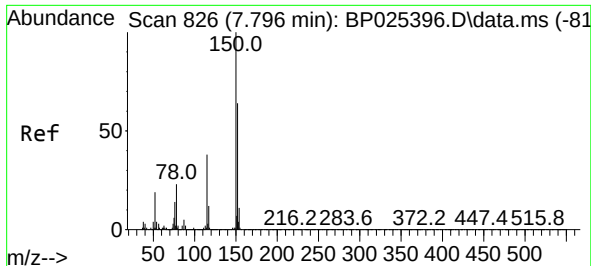
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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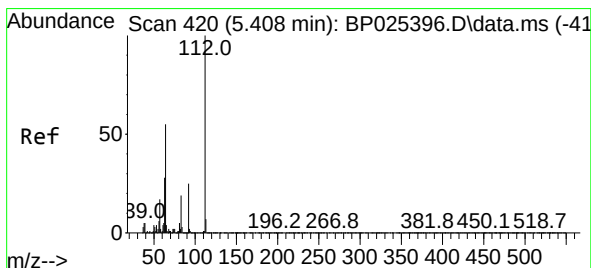
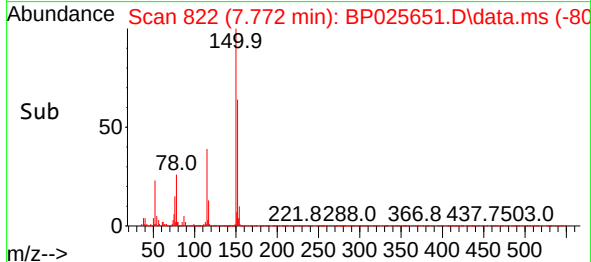
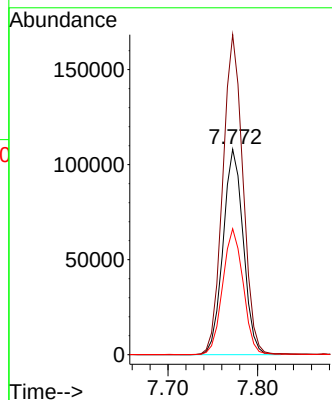
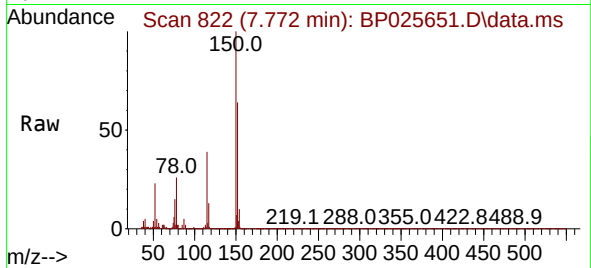




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025651.D
Acq: 02 Sep 2025 23:47

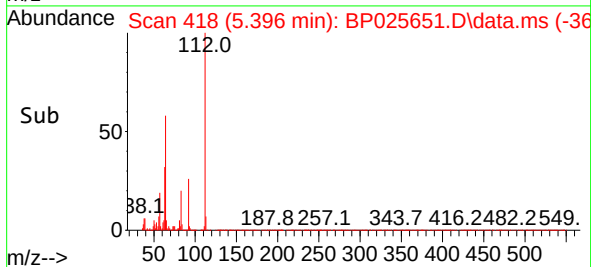
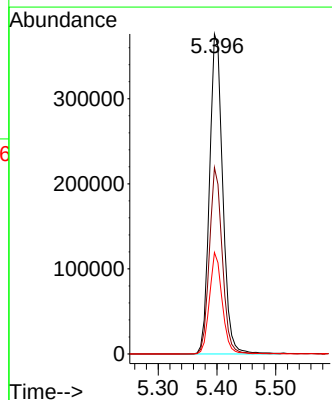
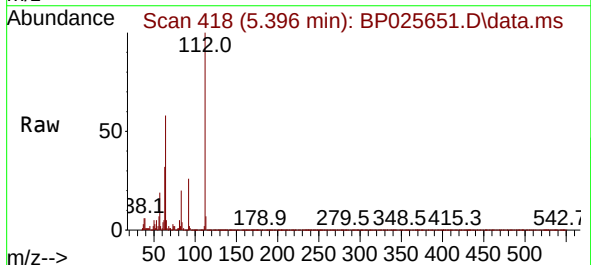
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-B

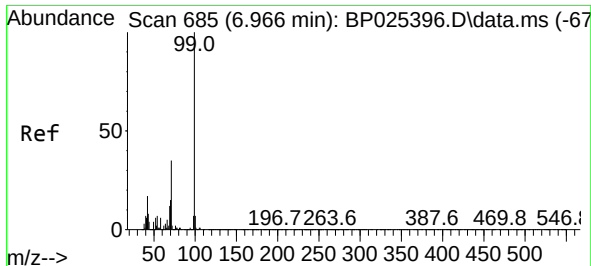
Tgt Ion:152 Resp: 168987
Ion Ratio Lower Upper
152 100
150 155.8 125.9 188.9
115 61.3 48.5 72.7



#5
2-Fluorophenol
Concen: 57.586 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025651.D
Acq: 02 Sep 2025 23:47

Tgt Ion:112 Resp: 585971
Ion Ratio Lower Upper
112 100
64 58.2 43.8 65.8
63 31.7 22.7 34.1

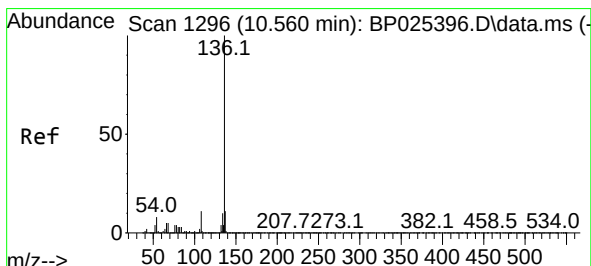
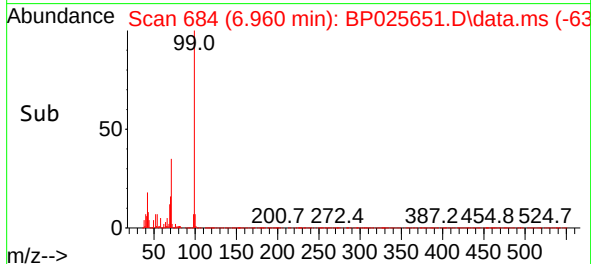
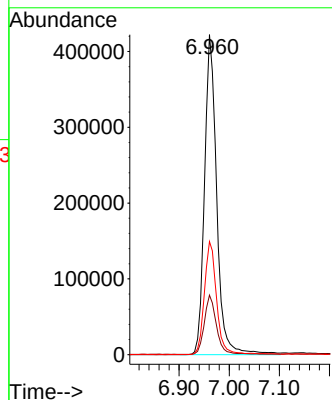
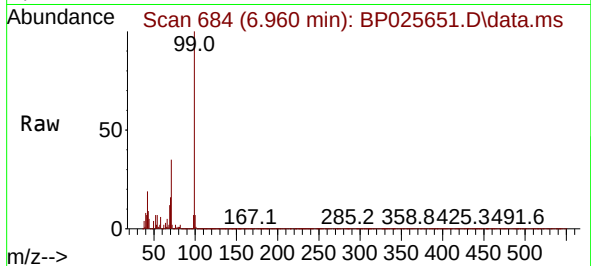




#7
Phenol-d6
Concen: 54.751 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025651.D
Acq: 02 Sep 2025 23:47

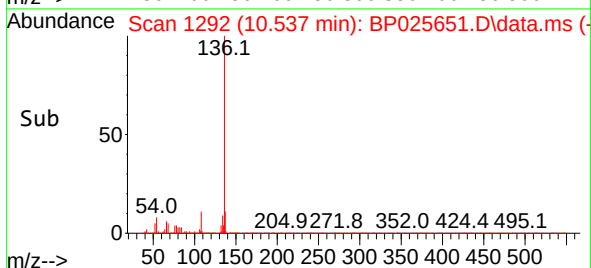
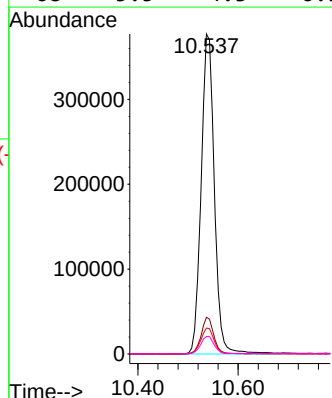
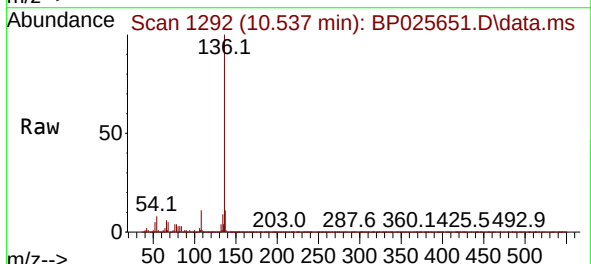
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-B

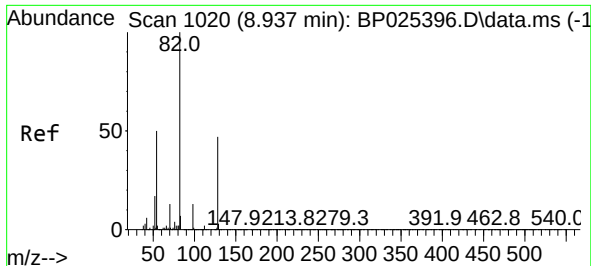
Tgt Ion: 99 Resp: 714280
Ion Ratio Lower Upper
99 100
42 18.6 13.7 20.5
71 35.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.024 min
Lab File: BP025651.D
Acq: 02 Sep 2025 23:47

Tgt Ion: 136 Resp: 690138
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 8.1 6.0 9.0
68 5.5 4.3 6.5

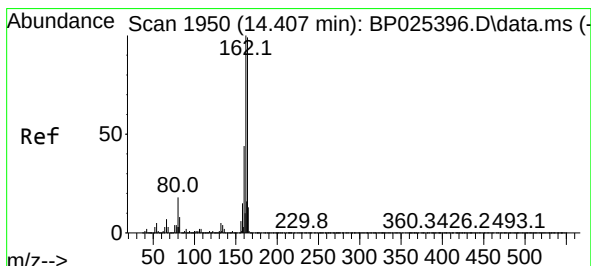
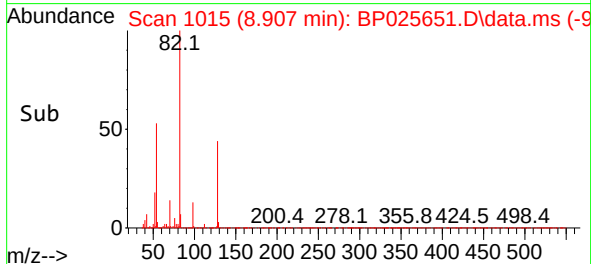
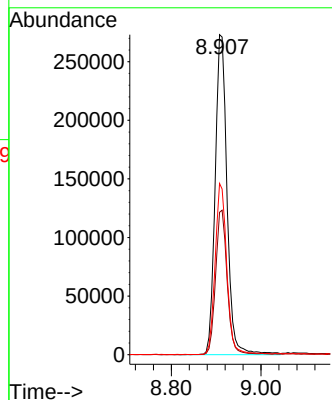
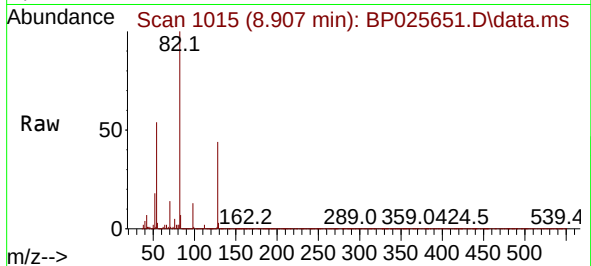




#23
Nitrobenzene-d5
Concen: 36.741 ng
RT: 8.907 min Scan# 1015
Delta R.T. -0.029 min
Lab File: BP025651.D
Acq: 02 Sep 2025 23:47

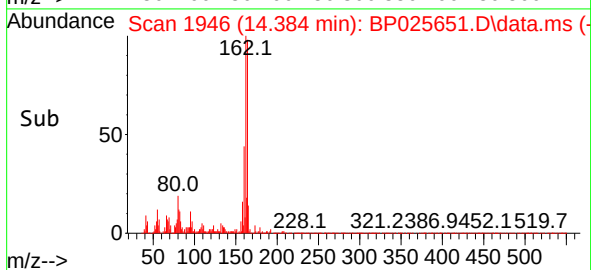
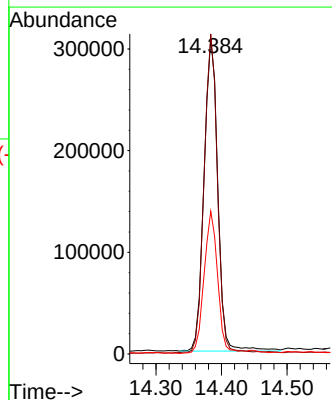
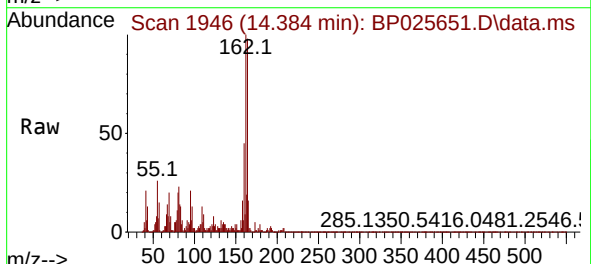
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-B

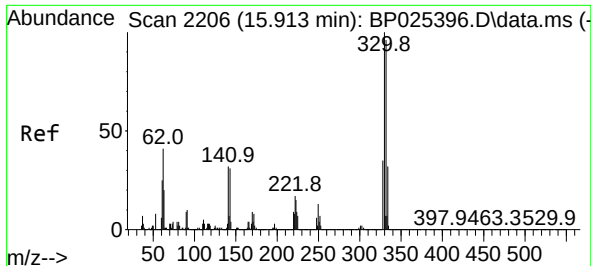
Tgt Ion: 82 Resp: 501253
Ion Ratio Lower Upper
82 100
128 44.5 37.7 56.5
54 53.5 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.024 min
Lab File: BP025651.D
Acq: 02 Sep 2025 23:47

Tgt Ion:164 Resp: 451591
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.6
160 45.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 58.964 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025651.D

Acq: 02 Sep 2025 23:47

Instrument :

BNA_P

ClientSampleId :

CONTAINMENT-B

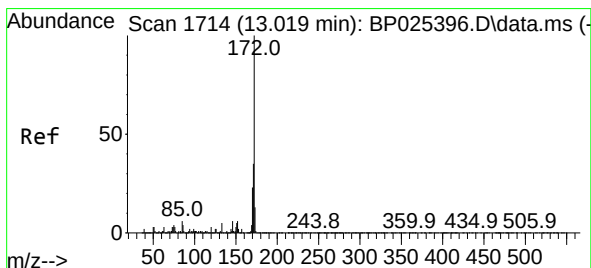
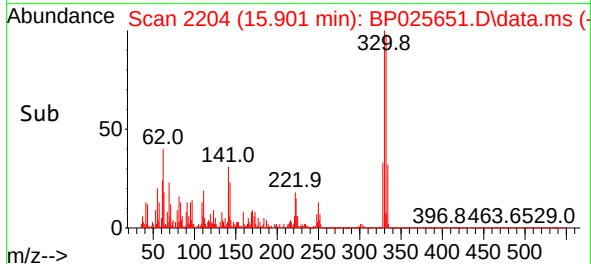
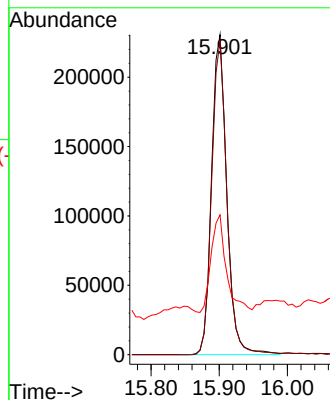
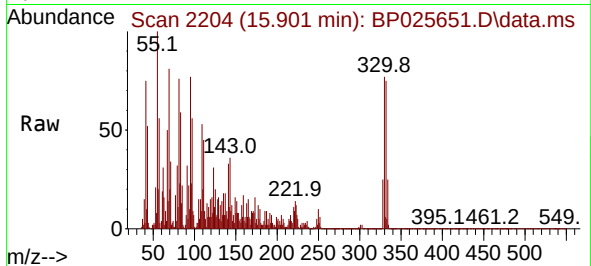
Tgt Ion:330 Resp: 358407

Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

141 30.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 38.814 ng

RT: 12.995 min Scan# 1710

Delta R.T. -0.024 min

Lab File: BP025651.D

Acq: 02 Sep 2025 23:47

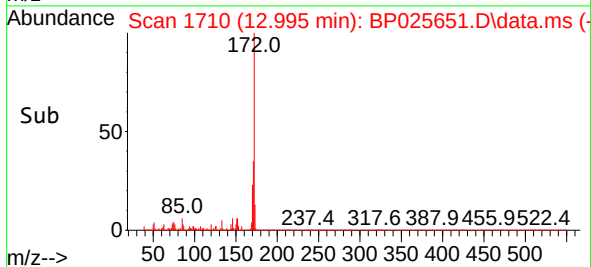
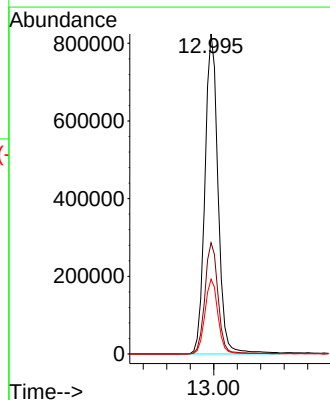
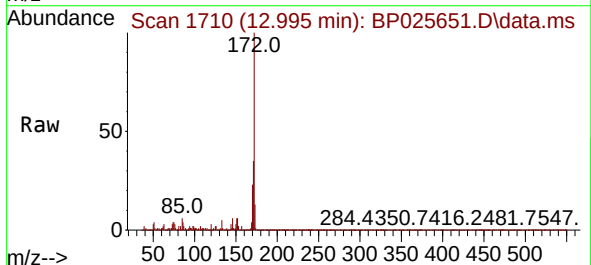
Tgt Ion:172 Resp: 1282540

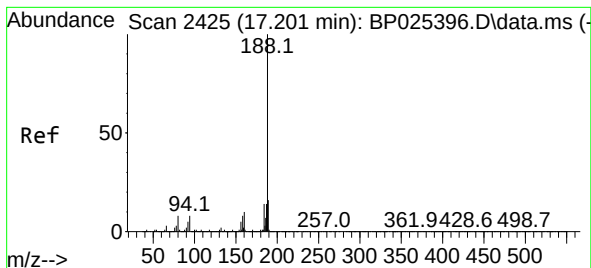
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP025651.D

Acq: 02 Sep 2025 23:47

Instrument :

BNA_P

ClientSampleId :

CONTAINMENT-B

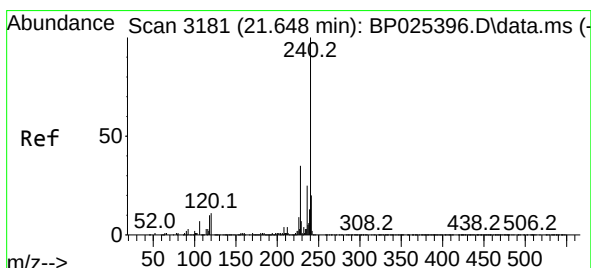
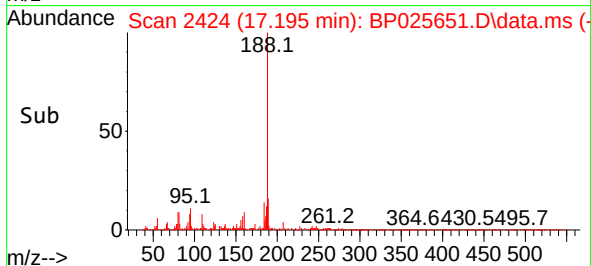
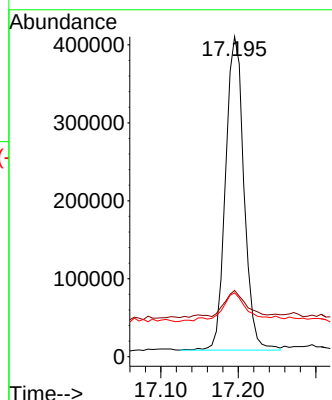
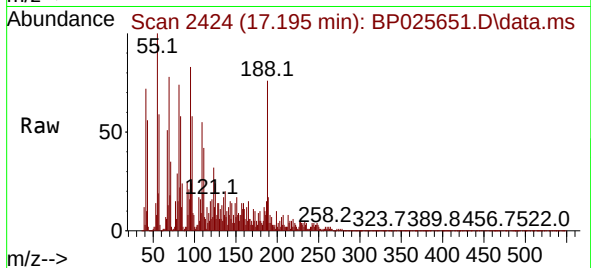
Tgt Ion:188 Resp: 663328

Ion Ratio Lower Upper

188 100

94 20.7 6.6 10.0#

80 20.0 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: BP025651.D

Acq: 02 Sep 2025 23:47

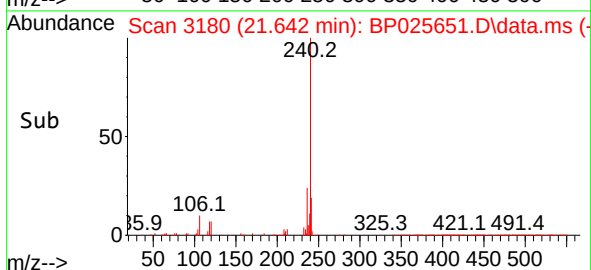
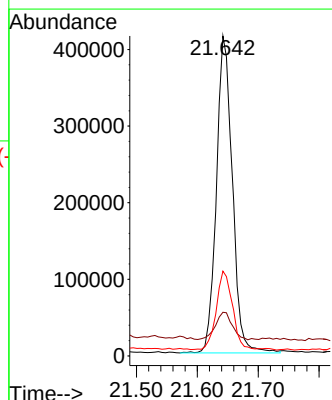
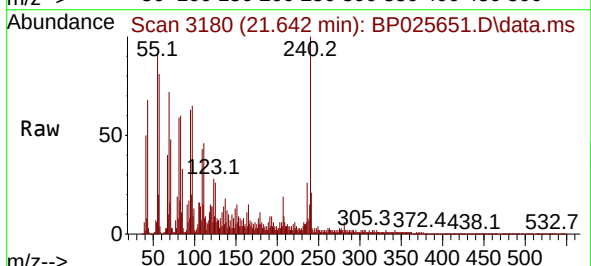
Tgt Ion:240 Resp: 753401

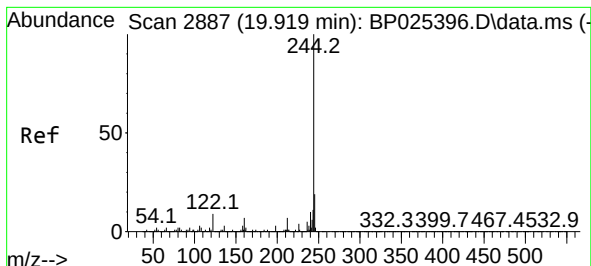
Ion Ratio Lower Upper

240 100

120 13.7 8.9 13.3#

236 26.5 19.8 29.8





#79

Terphenyl-d14

Concen: 39.742 ng

RT: 19.924 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025651.D

Acq: 02 Sep 2025 23:47

Instrument :

BNA_P

ClientSampleId :

CONTAINMENT-B

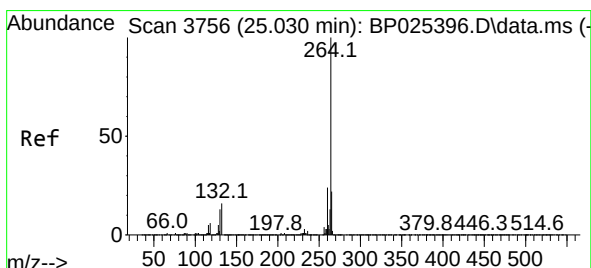
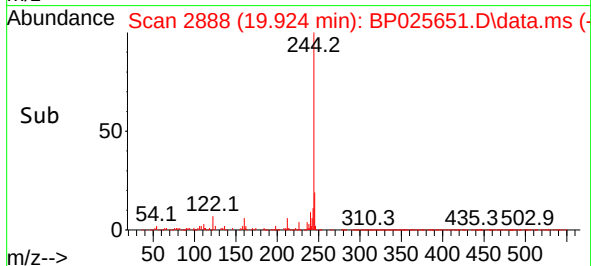
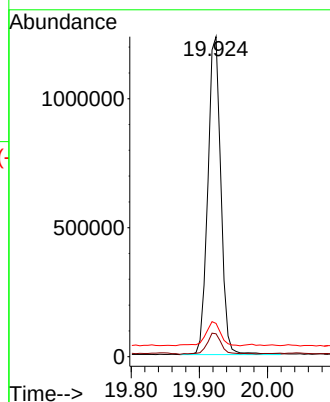
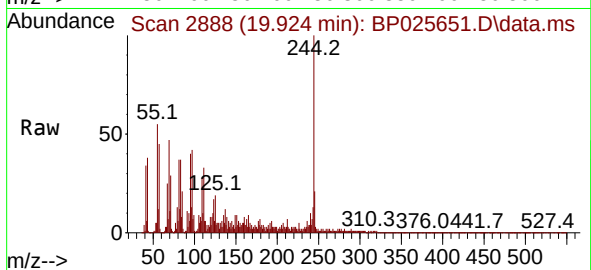
Tgt Ion:244 Resp: 1636542

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.4 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.006 min Scan# 3752

Delta R.T. -0.024 min

Lab File: BP025651.D

Acq: 02 Sep 2025 23:47

Tgt Ion:264 Resp: 933896

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.0 17.4 26.0

