

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
 Data File : BP025653.D
 Acq On : 03 Sep 2025 01:09
 Operator : CG/JU
 Sample : Q2996-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONTAINMENT-A

Quant Time: Sep 03 01:35:31 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)

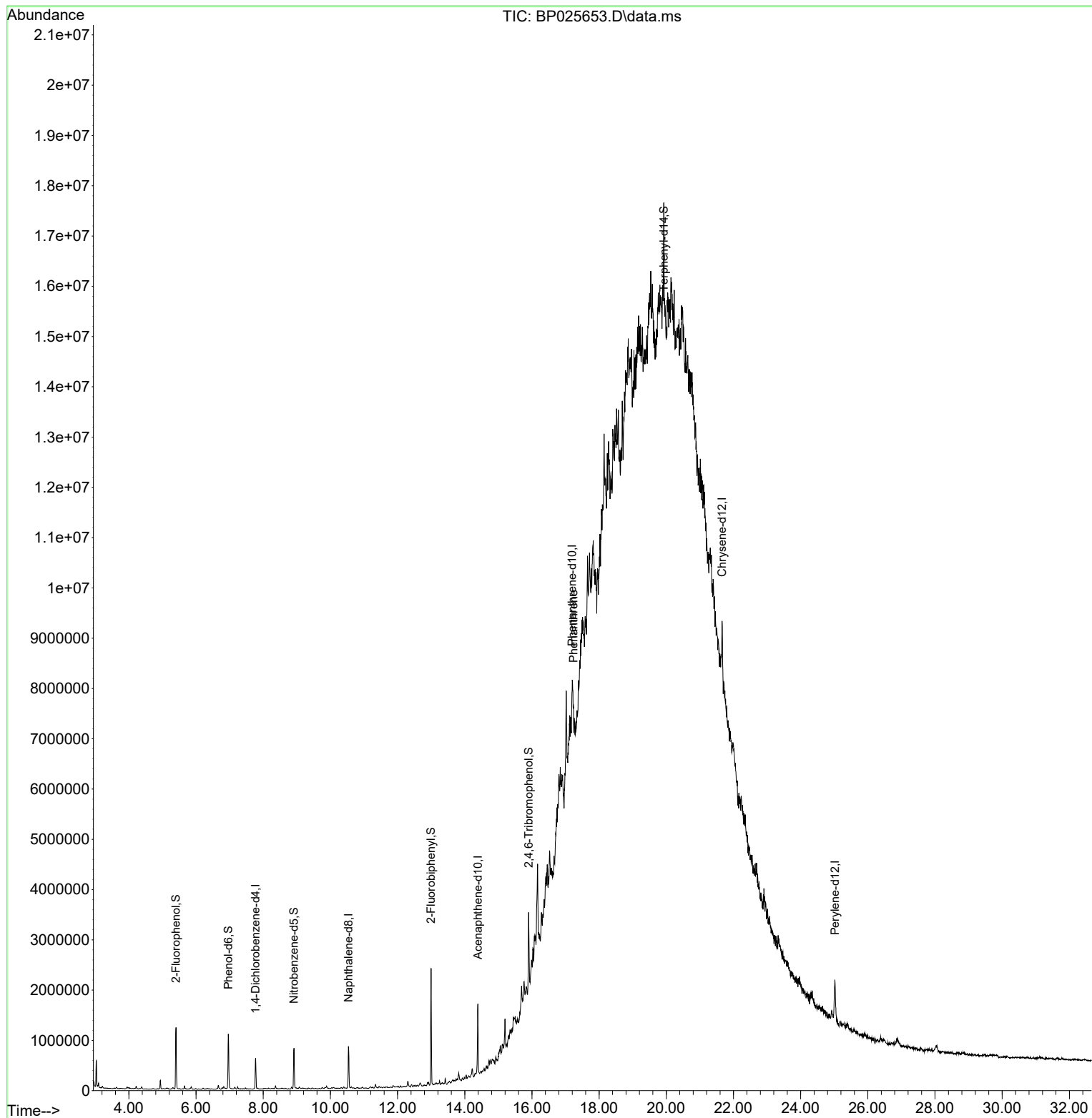
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	174922	20.000	ng	-0.02
21) Naphthalene-d8	10.537	136	676925	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	425896	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	681115	20.000	ng	# 0.00
76) Chrysene-d12	21.660	240	762456	20.000	ng	0.01
86) Perylene-d12	25.018	264	821586	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	543252	51.576	ng	0.00
7) Phenol-d6	6.960	99	666914	49.386	ng	0.00
23) Nitrobenzene-d5	8.913	82	445382	33.283	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	334708	58.387	ng	-0.01
45) 2-Fluorobiphenyl	12.995	172	1115252	35.788	ng	-0.02
79) Terphenyl-d14	19.925	244	1449809	34.789	ng	0.00
Target Compounds						
71) Phenanthrene	17.236	178	93302	2.494	ng	# 28

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

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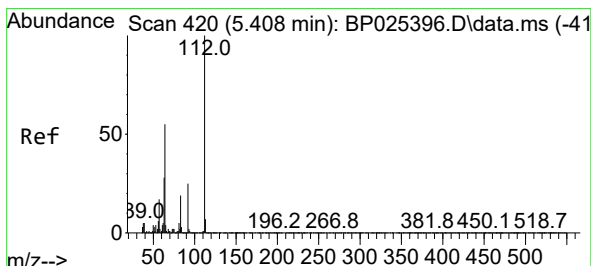
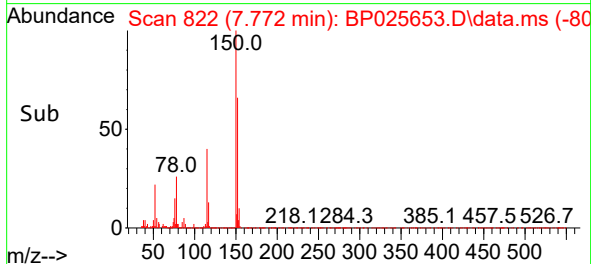
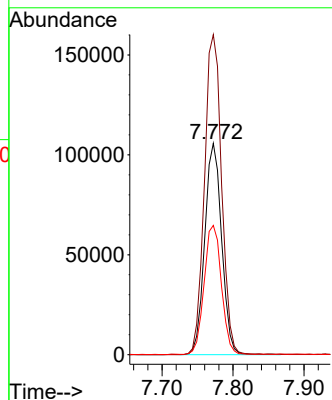
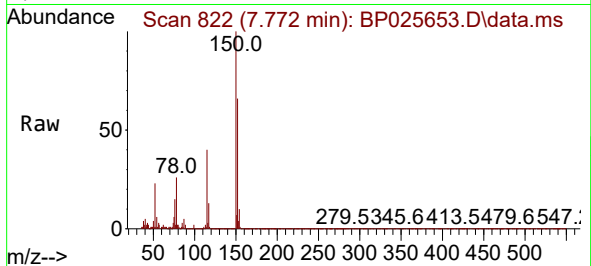




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025653.D
Acq: 03 Sep 2025 01:09

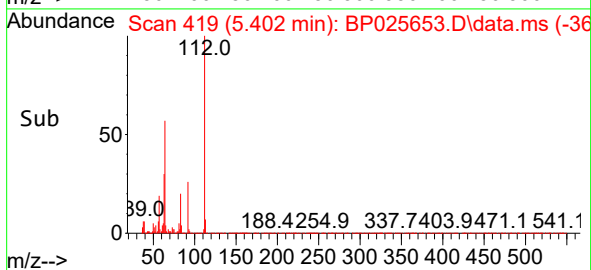
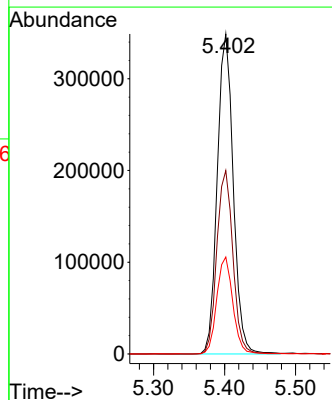
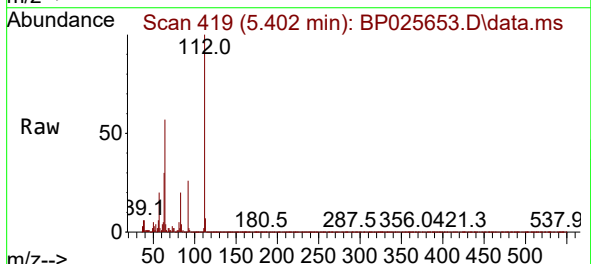
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-A

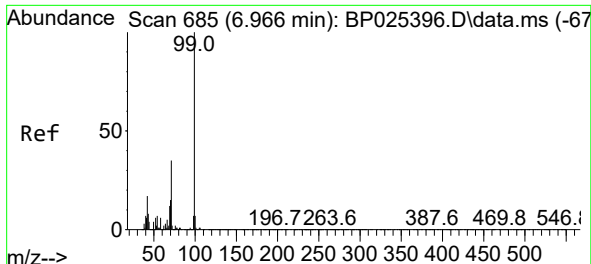
Tgt Ion:152 Resp: 174922
Ion Ratio Lower Upper
152 100
150 151.4 125.9 188.9
115 61.2 48.5 72.7



#5
2-Fluorophenol
Concen: 51.576 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025653.D
Acq: 03 Sep 2025 01:09

Tgt Ion:112 Resp: 543252
Ion Ratio Lower Upper
112 100
64 57.3 43.8 65.8
63 30.3 22.7 34.1

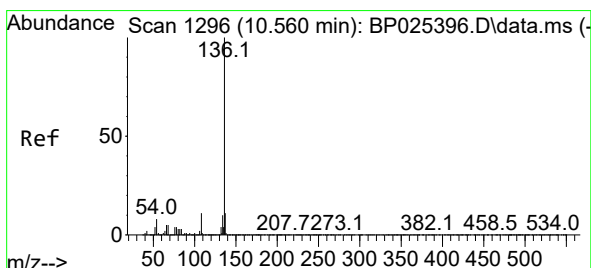
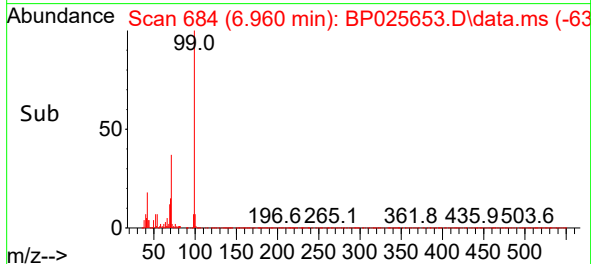
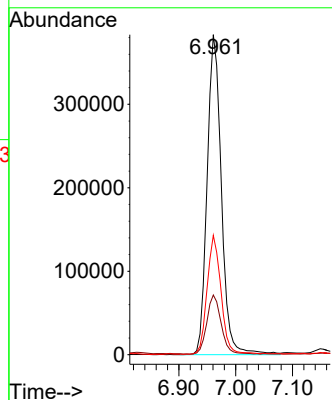
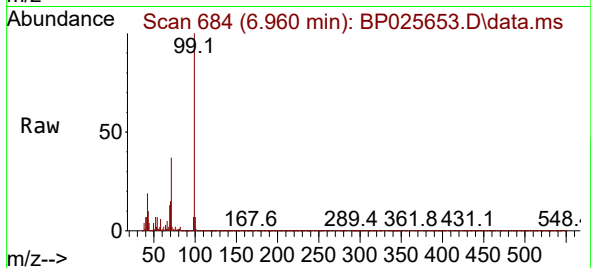




#7
Phenol-d6
Concen: 49.386 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025653.D
Acq: 03 Sep 2025 01:09

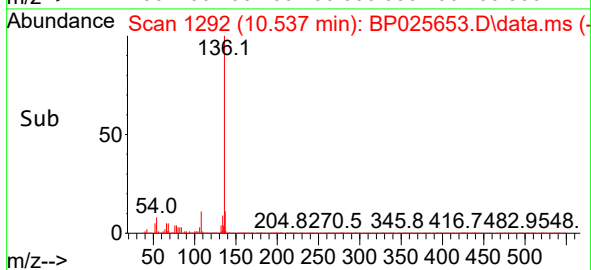
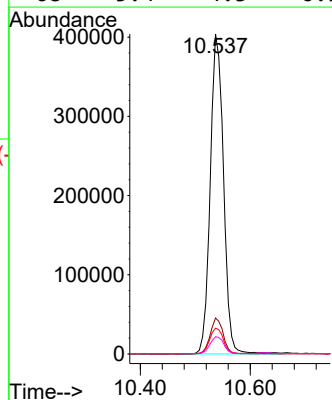
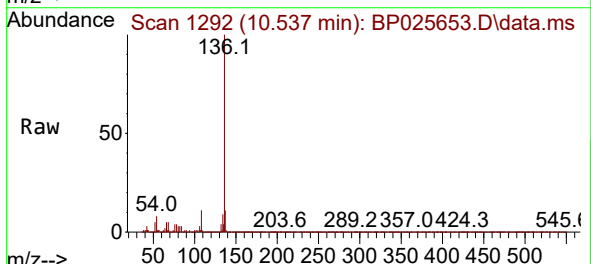
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-A

Tgt Ion: 99 Resp: 666914
Ion Ratio Lower Upper
99 100
42 18.7 13.7 20.5
71 37.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.023 min
Lab File: BP025653.D
Acq: 03 Sep 2025 01:09

Tgt Ion: 136 Resp: 676925
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 8.1 6.0 9.0
68 5.4 4.3 6.5

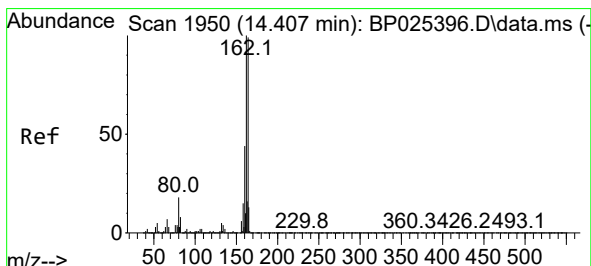
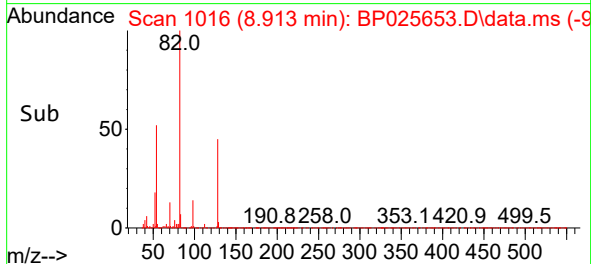
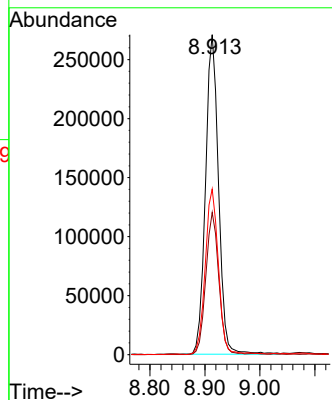
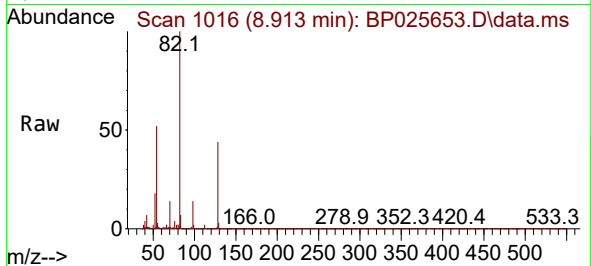




#23
Nitrobenzene-d5
Concen: 33.283 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025653.D
Acq: 03 Sep 2025 01:09

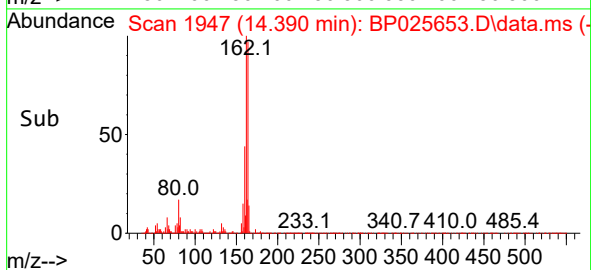
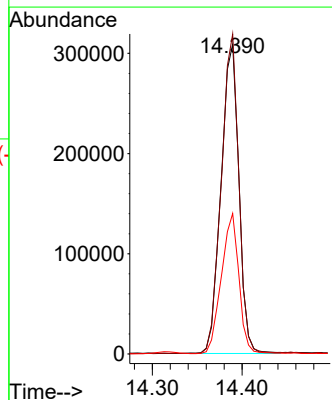
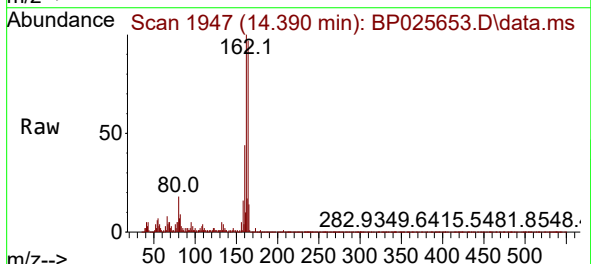
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-A

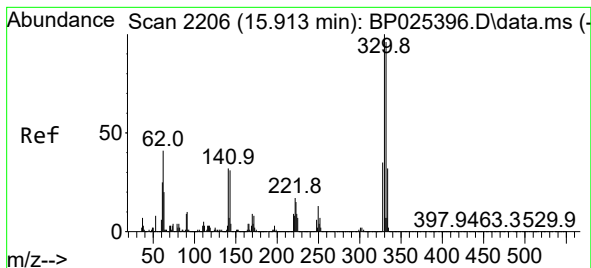
Tgt Ion: 82 Resp: 445382
Ion Ratio Lower Upper
82 100
128 44.5 37.7 56.5
54 51.7 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025653.D
Acq: 03 Sep 2025 01:09

Tgt Ion:164 Resp: 425896
Ion Ratio Lower Upper
164 100
162 103.2 81.0 121.6
160 45.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 58.387 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025653.D

Acq: 03 Sep 2025 01:09

Instrument :

BNA_P

ClientSampleId :

CONTAINMENT-A

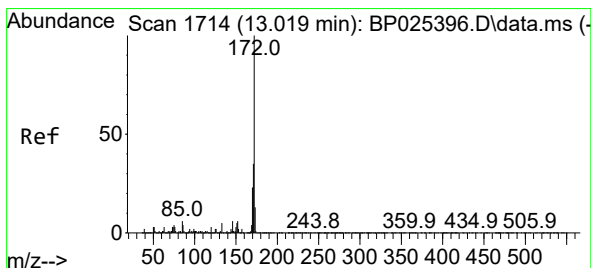
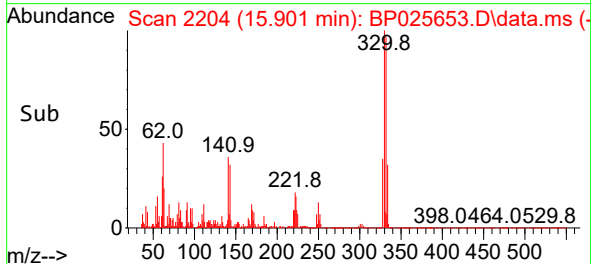
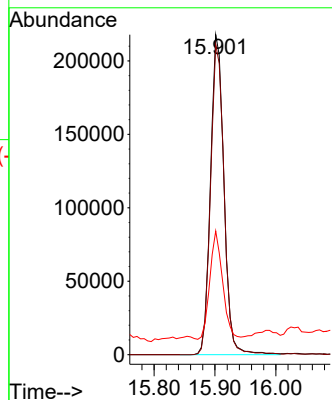
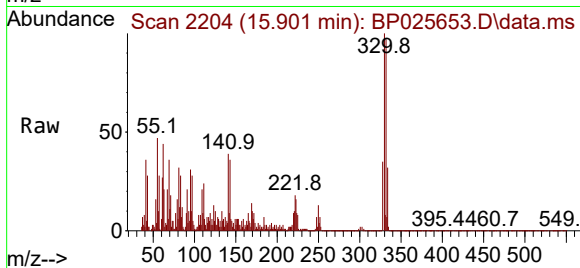
Tgt Ion:330 Resp: 334708

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 32.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 35.788 ng

RT: 12.995 min Scan# 1710

Delta R.T. -0.023 min

Lab File: BP025653.D

Acq: 03 Sep 2025 01:09

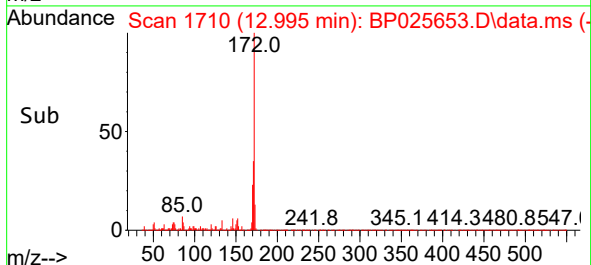
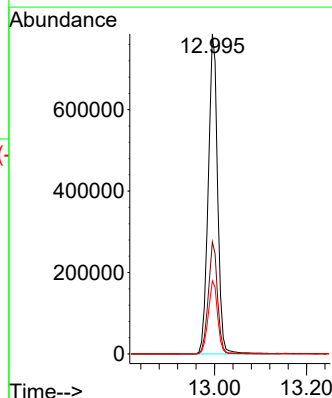
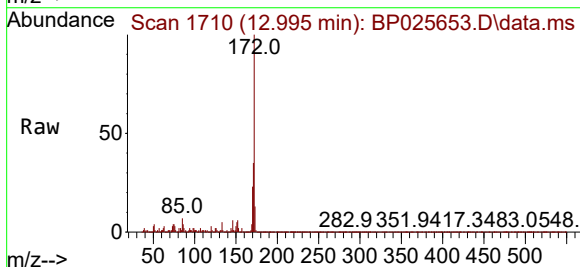
Tgt Ion:172 Resp: 1115252

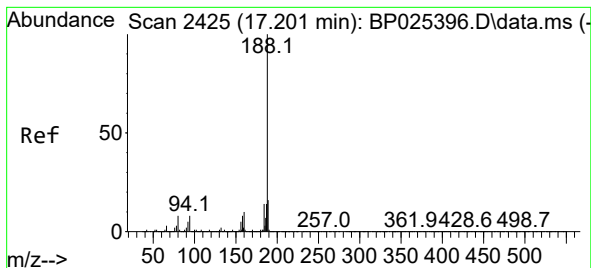
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 22.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP025653.D

Acq: 03 Sep 2025 01:09

Instrument :

BNA_P

ClientSampleId :

CONTAINMENT-A

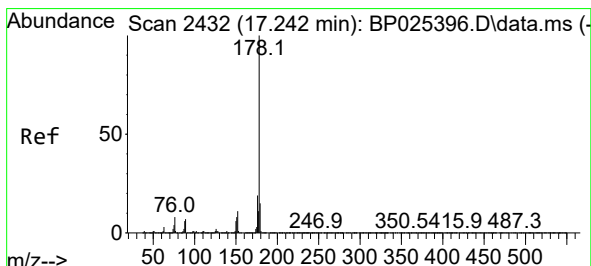
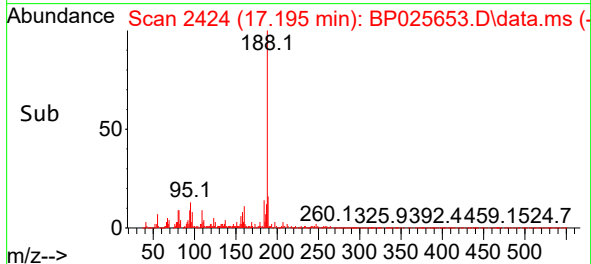
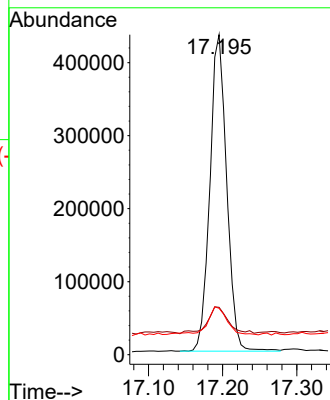
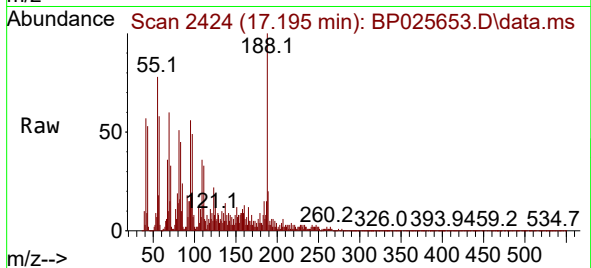
Tgt Ion:188 Resp: 681115

Ion Ratio Lower Upper

188 100

94 14.8 6.6 10.0#

80 14.5 6.7 10.1#



#71

Phenanthrene

Concen: 2.494 ng

RT: 17.236 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP025653.D

Acq: 03 Sep 2025 01:09

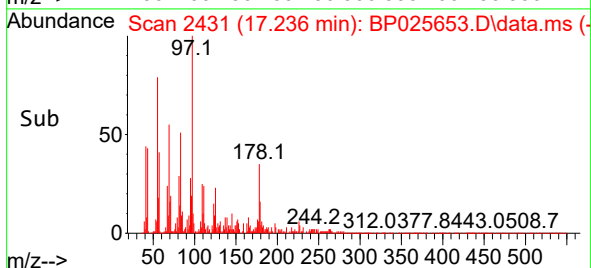
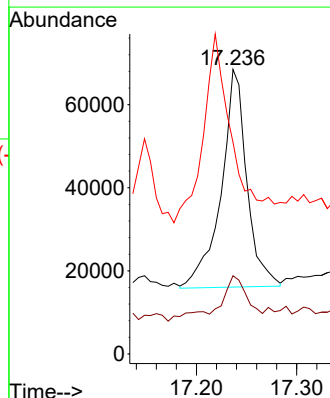
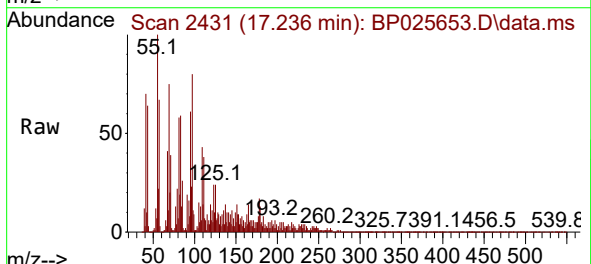
Tgt Ion:178 Resp: 93302

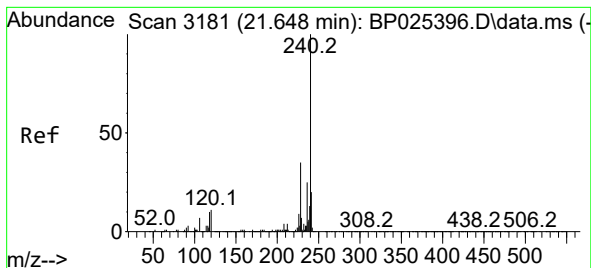
Ion Ratio Lower Upper

178 100

176 27.5 15.5 23.3#

179 74.4 12.2 18.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.660 min Scan# 3181

Delta R.T. 0.012 min

Lab File: BP025653.D

Acq: 03 Sep 2025 01:09

Instrument :

BNA_P

ClientSampleId :

CONTAINMENT-A

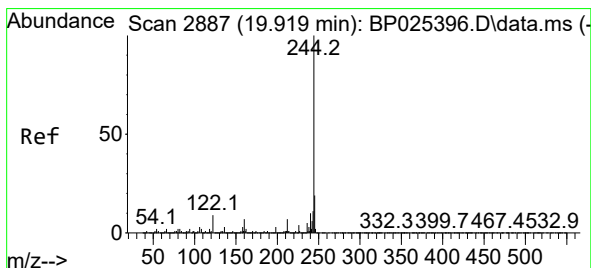
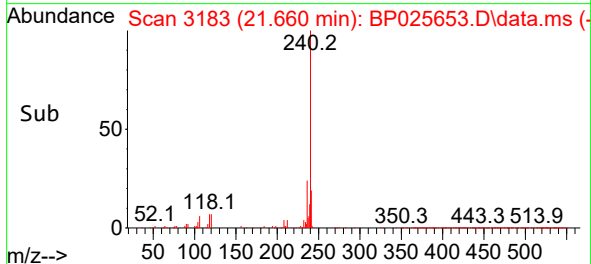
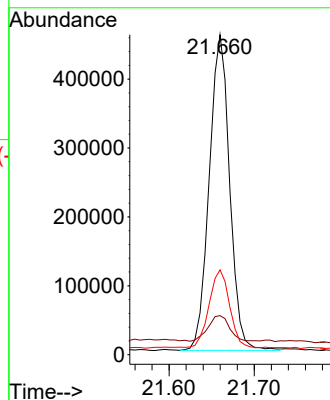
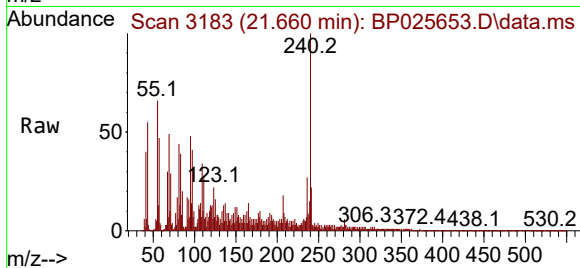
Tgt Ion:240 Resp: 762456

Ion Ratio Lower Upper

240 100

120 12.2 8.9 13.3

236 26.5 19.8 29.8



#79

Terphenyl-d14

Concen: 34.789 ng

RT: 19.925 min Scan# 2888

Delta R.T. 0.006 min

Lab File: BP025653.D

Acq: 03 Sep 2025 01:09

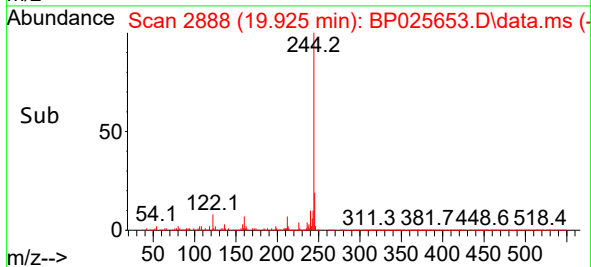
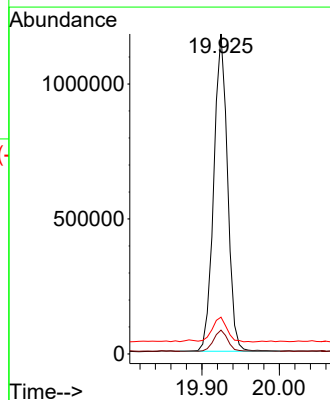
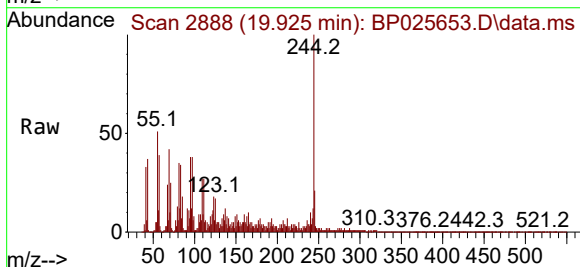
Tgt Ion:244 Resp: 1449809

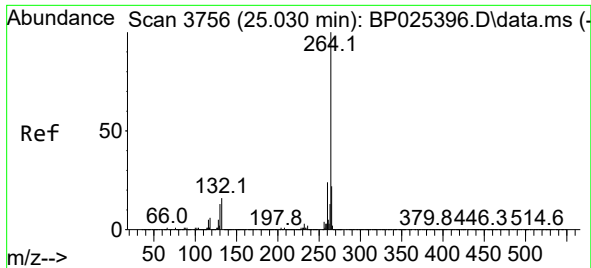
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 11.5 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025653.D
Acq: 03 Sep 2025 01:09

Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-A

Tgt Ion:264 Resp: 821586

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.3	17.4	26.0

