

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
 Data File : BP025650.D
 Acq On : 02 Sep 2025 23:06
 Operator : CG/JU
 Sample : Q2996-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONTAINMENT-C

Quant Time: Sep 03 01:06:33 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)

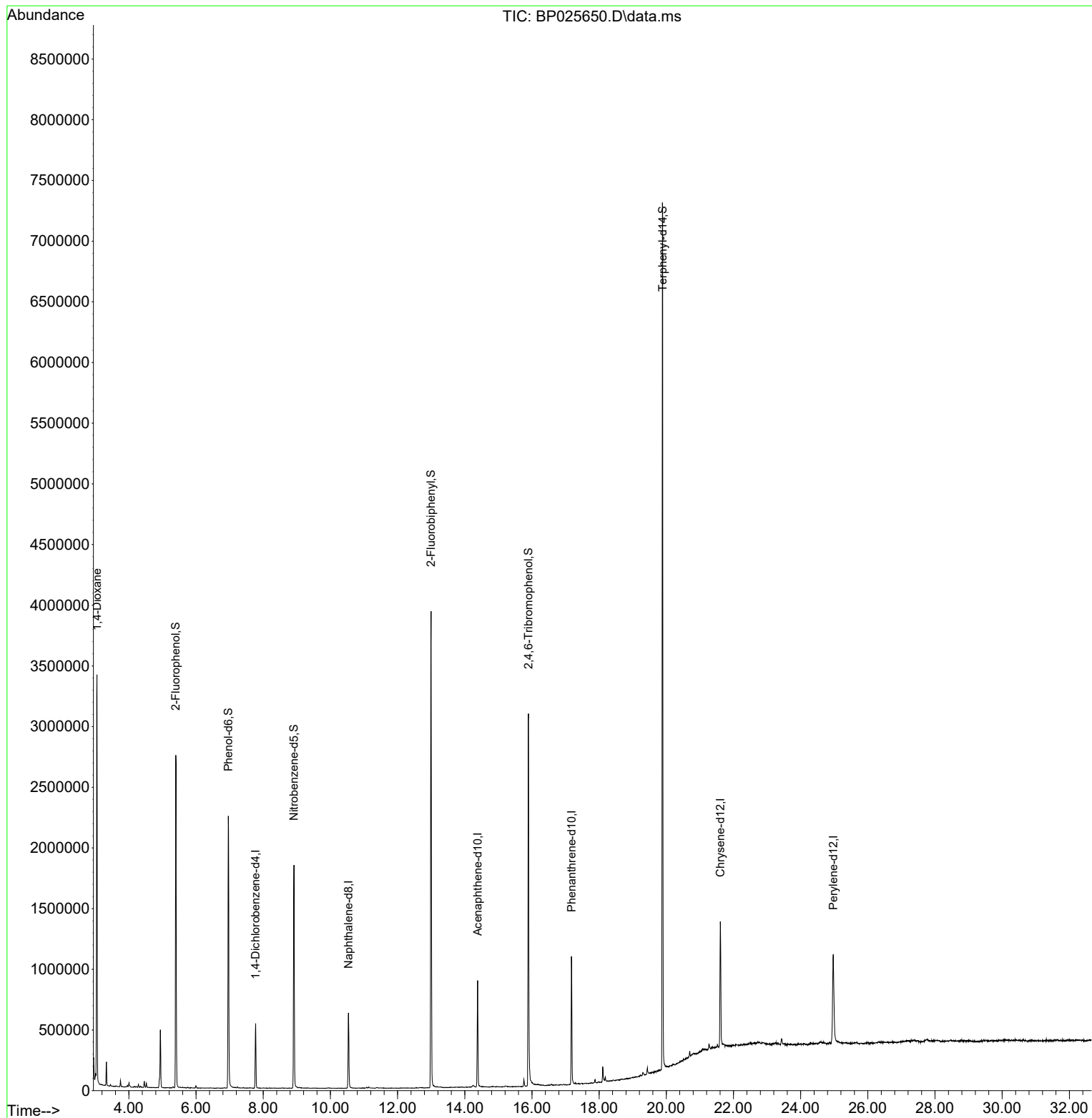
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	145250	20.000	ng	-0.02
21) Naphthalene-d8	10.537	136	536388	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	327916	20.000	ng	-0.02
64) Phenanthrene-d10	17.178	188	659457	20.000	ng	-0.02
76) Chrysene-d12	21.607	240	713566	20.000	ng	-0.04
86) Perylene-d12	24.971	264	804632	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1181812	135.121	ng	-0.01
7) Phenol-d6	6.961	99	1314126	117.191	ng	0.00
23) Nitrobenzene-d5	8.913	82	1014219	95.649	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	681486	154.400	ng	-0.02
45) 2-Fluorobiphenyl	12.996	172	2155689	89.845	ng	-0.02
79) Terphenyl-d14	19.889	244	3734186	95.744	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.049	88	20227	5.904	ng	Qvalue # 1

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

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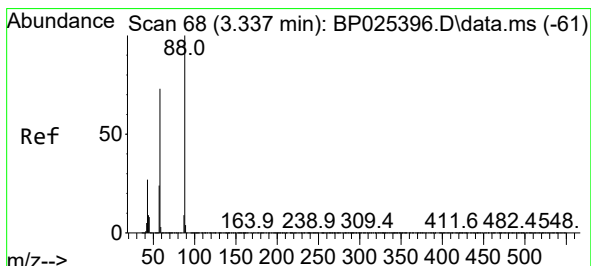
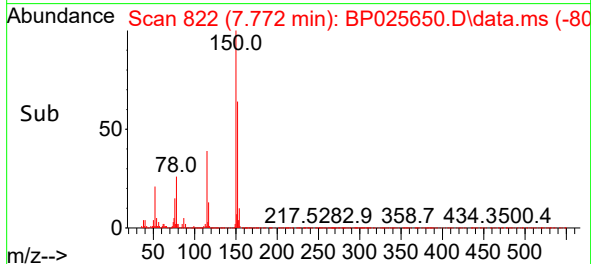
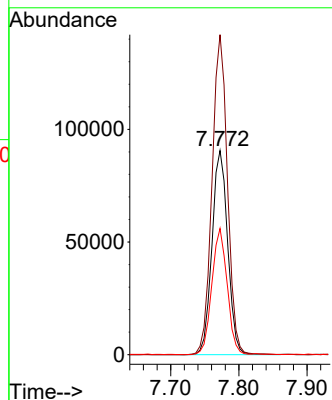
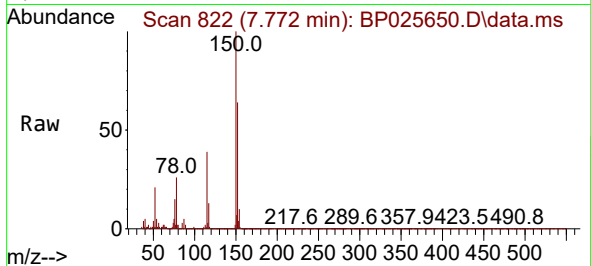




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025650.D
 Acq: 02 Sep 2025 23:06

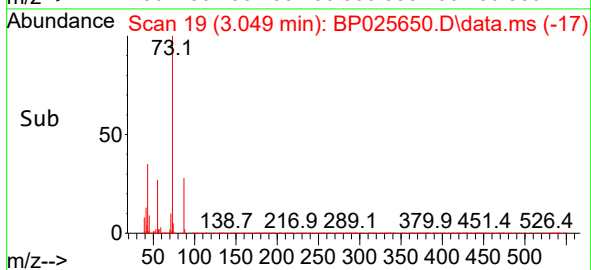
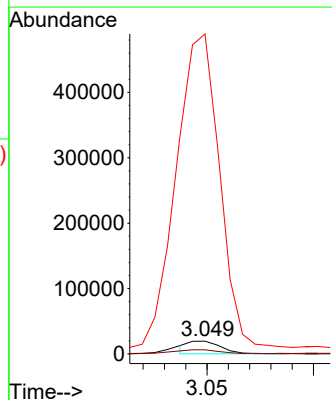
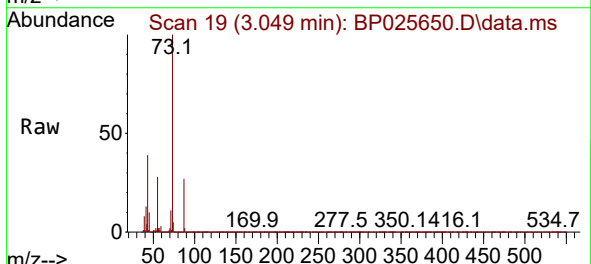
Instrument :
 BNA_P
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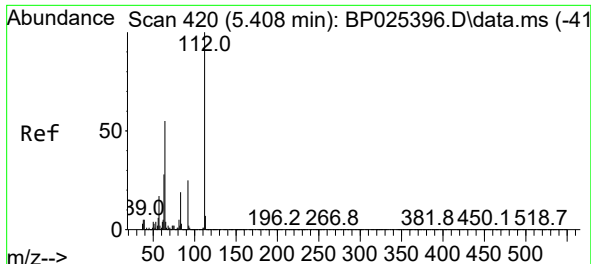
Tgt Ion:152 Resp: 145250
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.9 188.9
 115 61.9 48.5 72.7



#2
 1,4-Dioxane
 Concen: 5.904 ng
 RT: 3.049 min Scan# 19
 Delta R.T. -0.288 min
 Lab File: BP025650.D
 Acq: 02 Sep 2025 23:06

Tgt Ion: 88 Resp: 20227
 Ion Ratio Lower Upper
 88 100
 58 29.1 59.2 88.8#
 43 2415.6 21.7 32.5#

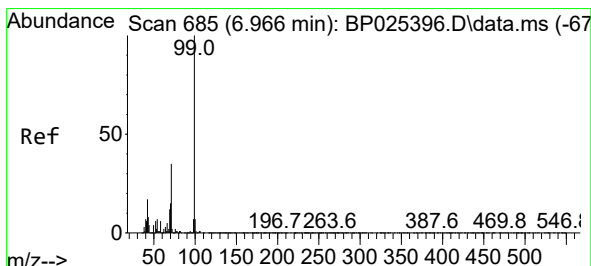
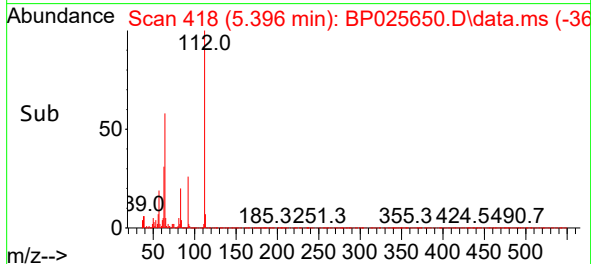
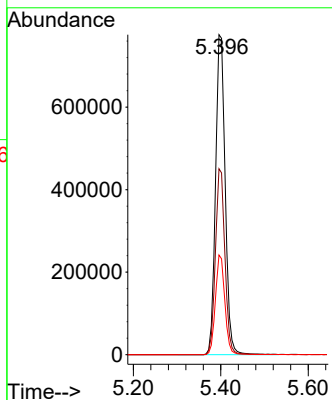
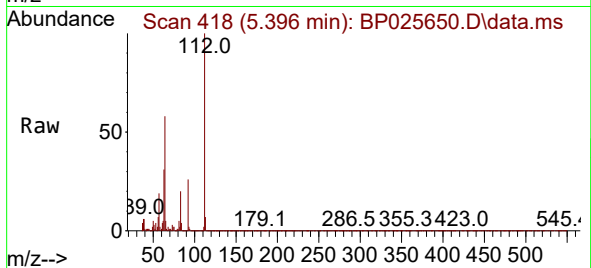




#5
2-Fluorophenol
Concen: 135.121 ng
RT: 5.396 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP025650.D
Acq: 02 Sep 2025 23:06

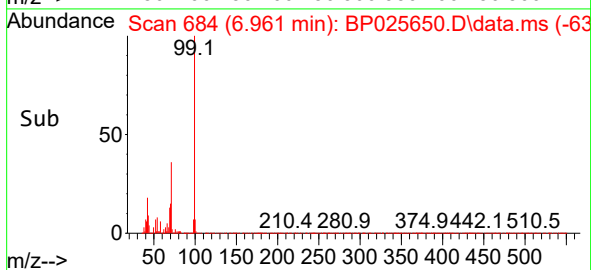
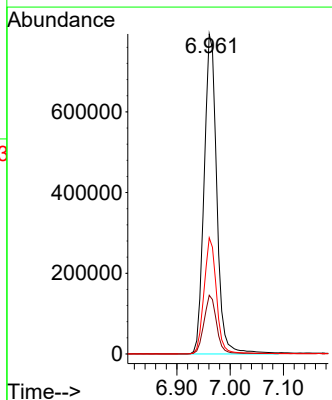
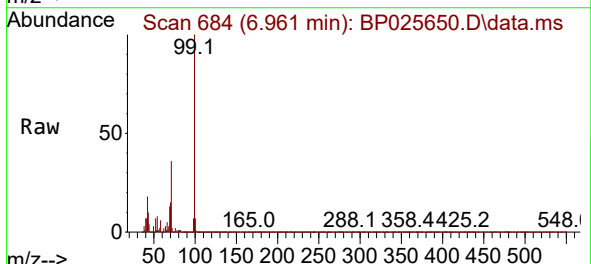
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-C

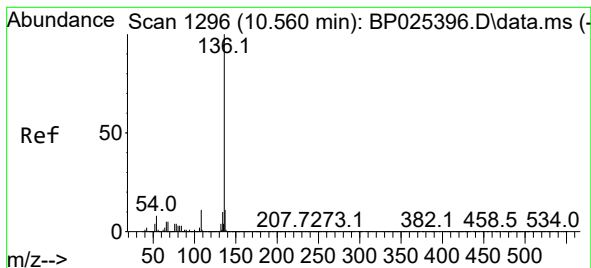
Tgt Ion:112 Resp: 1181812
Ion Ratio Lower Upper
112 100
64 58.1 43.8 65.8
63 31.2 22.7 34.1



#7
Phenol-d6
Concen: 117.191 ng
RT: 6.961 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP025650.D
Acq: 02 Sep 2025 23:06

Tgt Ion: 99 Resp: 1314126
Ion Ratio Lower Upper
99 100
42 18.4 13.7 20.5
71 36.3 28.2 42.4

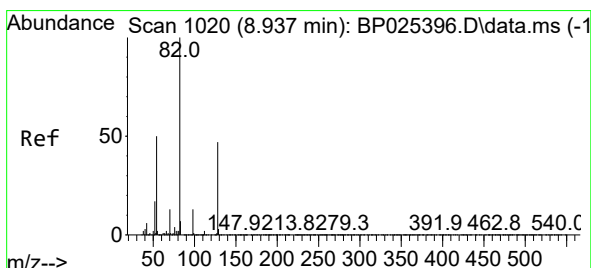
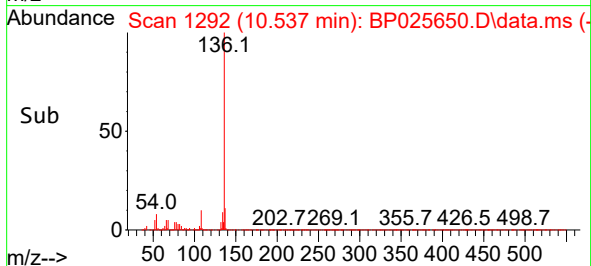
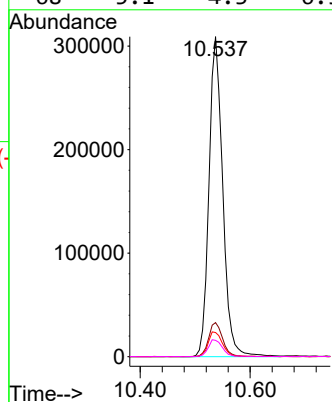
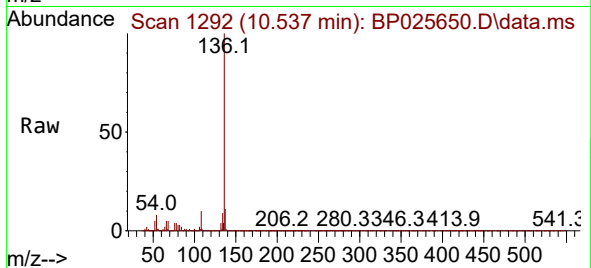




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025650.D
Acq: 02 Sep 2025 23:06

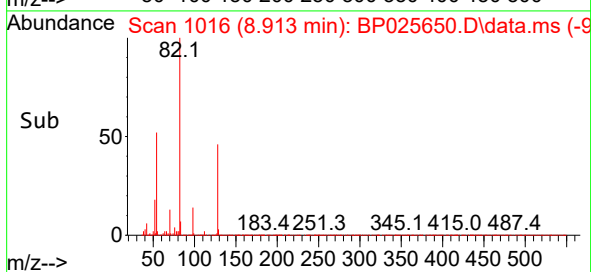
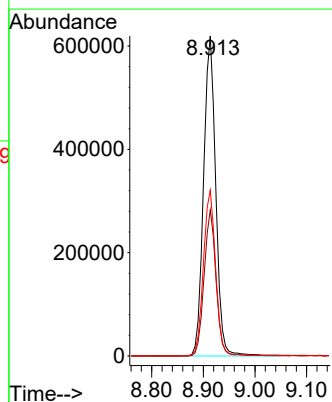
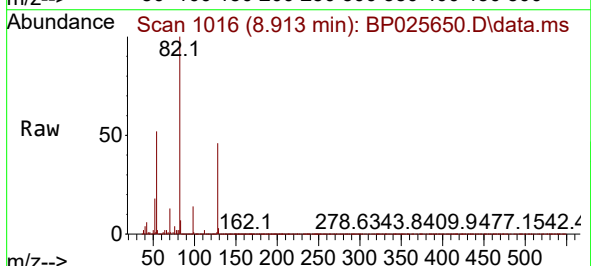
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-C

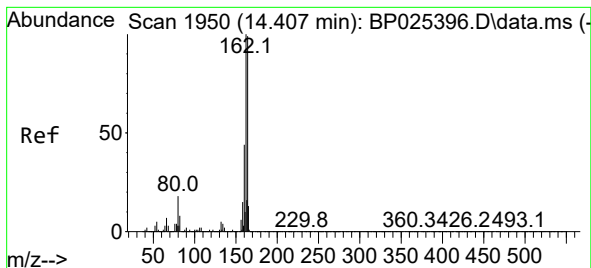
Tgt Ion:	136	Resp:	536388
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.5	6.0	9.0
68	5.1	4.3	6.5



#23
Nitrobenzene-d5
Concen: 95.649 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025650.D
Acq: 02 Sep 2025 23:06

Tgt Ion:	82	Resp:	1014219
Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.7	56.5
54	51.9	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: BP025650.D

Acq: 02 Sep 2025 23:06

Instrument :

BNA_P

ClientSampleId :

CONTAINMENT-C

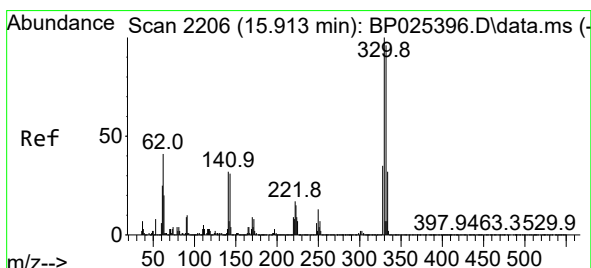
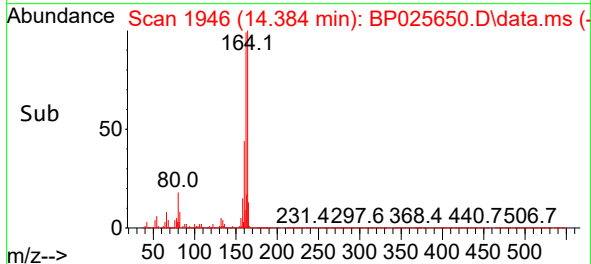
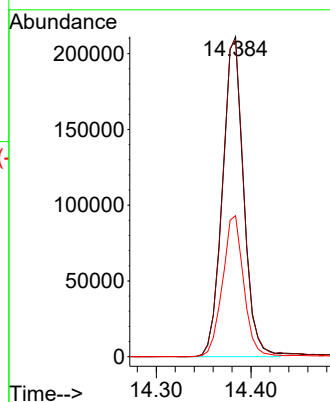
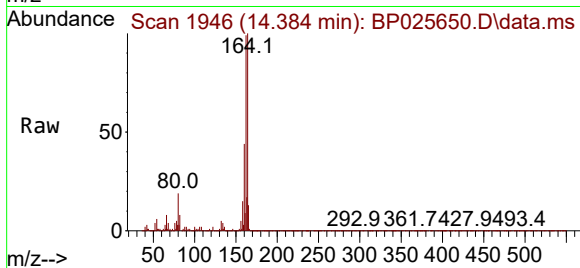
Tgt Ion:164 Resp: 327916

Ion Ratio Lower Upper

164 100

162 98.9 81.0 121.6

160 44.1 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 154.400 ng

RT: 15.895 min Scan# 2203

Delta R.T. -0.017 min

Lab File: BP025650.D

Acq: 02 Sep 2025 23:06

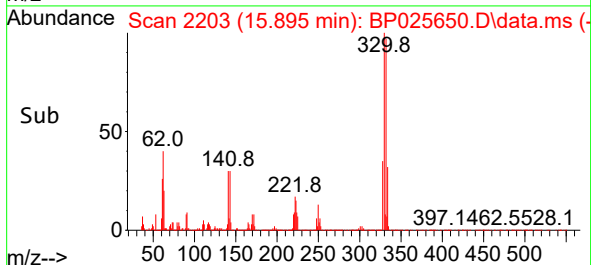
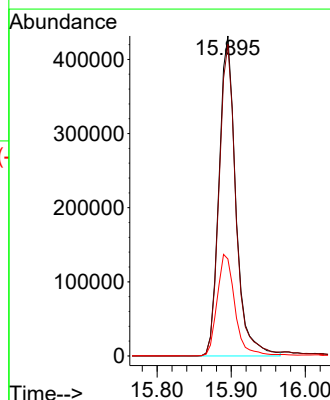
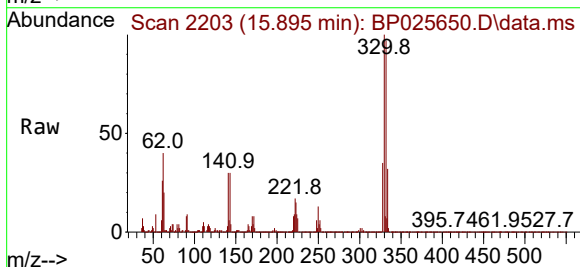
Tgt Ion:330 Resp: 681486

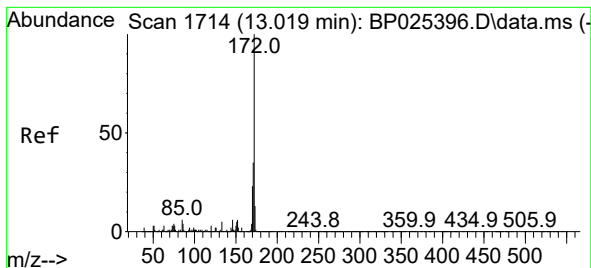
Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 33.8 26.6 39.8





#45

2-Fluorobiphenyl

Concen: 89.845 ng

RT: 12.996 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP025650.D

Acq: 02 Sep 2025 23:06

Instrument :

BNA_P

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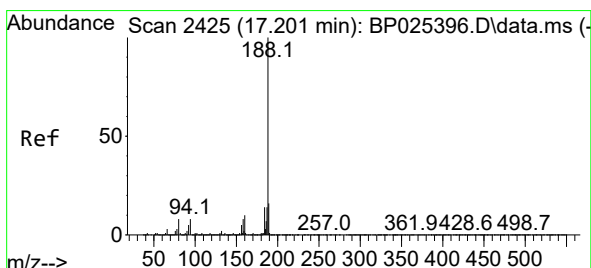
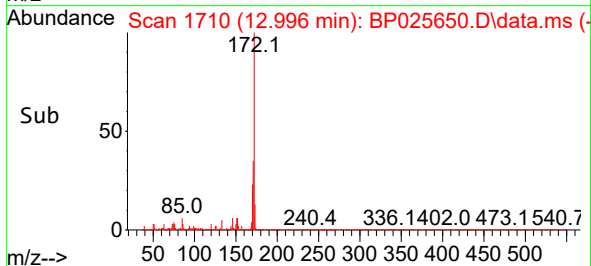
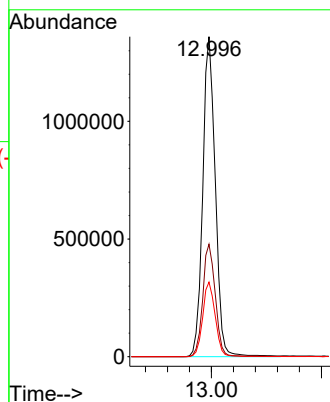
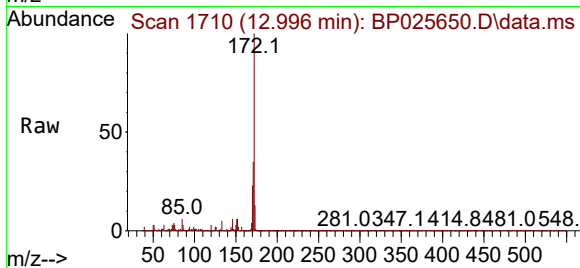
Tgt Ion:172 Resp: 2155689

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.3 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.178 min Scan# 2421

Delta R.T. -0.023 min

Lab File: BP025650.D

Acq: 02 Sep 2025 23:06

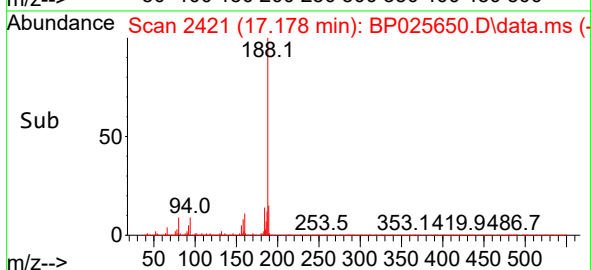
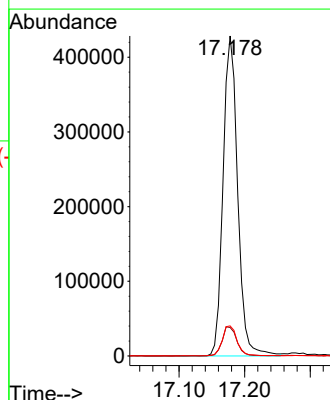
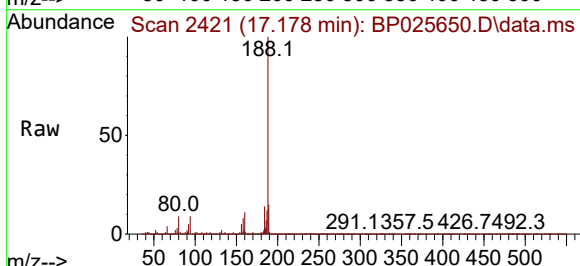
Tgt Ion:188 Resp: 659457

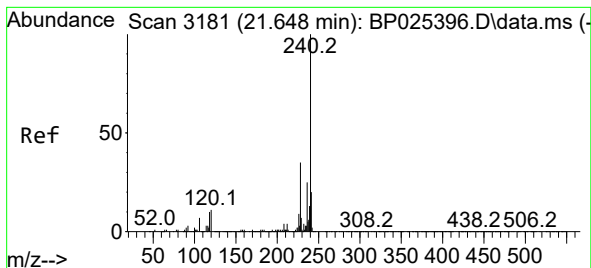
Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.4 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.607 min Scan# 3181

Delta R.T. -0.041 min

Lab File: BP025650.D

Acq: 02 Sep 2025 23:06

Instrument :

BNA_P

ClientSampleId :

CONTAINMENT-C

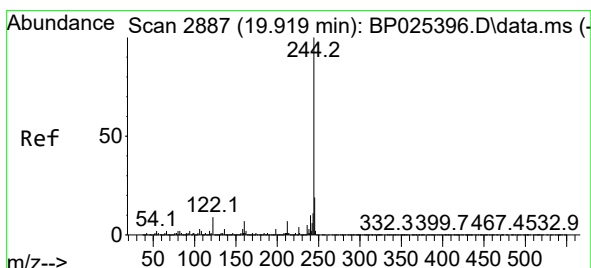
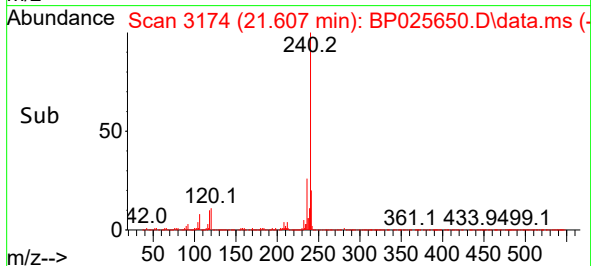
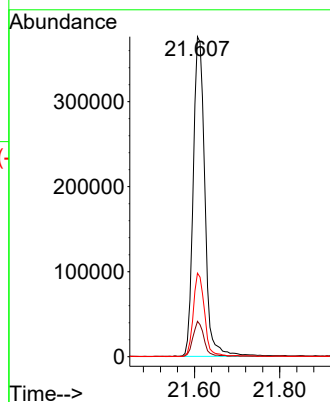
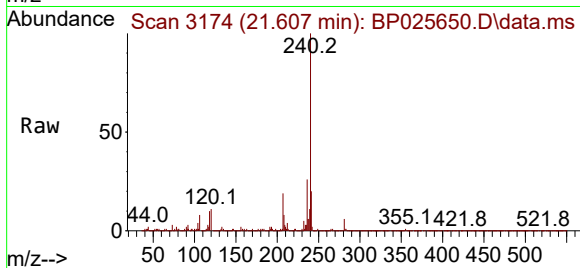
Tgt Ion:240 Resp: 713566

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 26.1 19.8 29.8



#79

Terphenyl-d14

Concen: 95.744 ng

RT: 19.889 min Scan# 2882

Delta R.T. -0.029 min

Lab File: BP025650.D

Acq: 02 Sep 2025 23:06

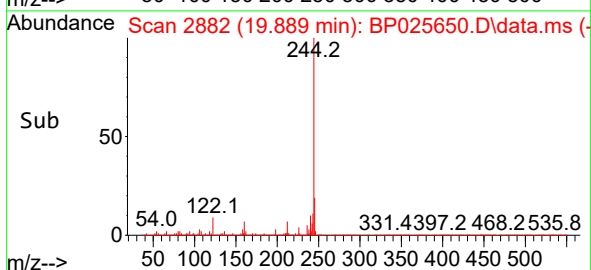
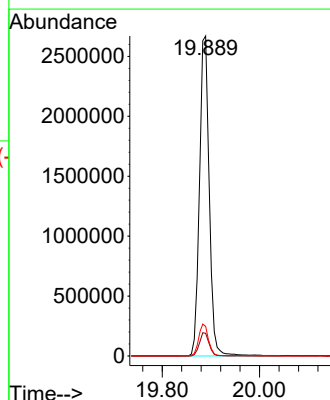
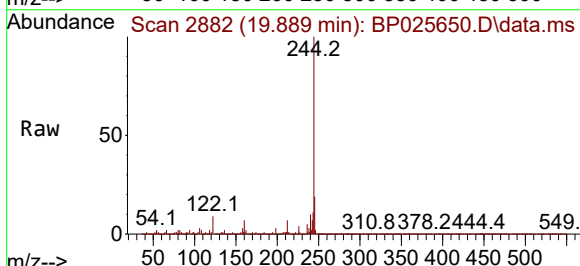
Tgt Ion:244 Resp: 3734186

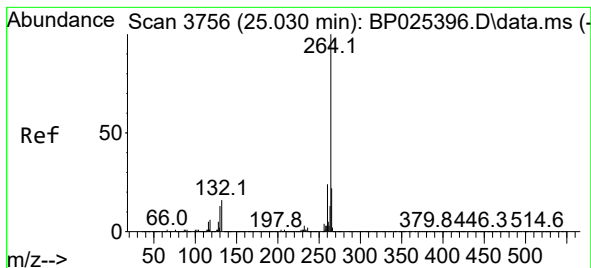
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.2 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.971 min Scan# 31

Delta R.T. -0.059 min

Lab File: BP025650.D

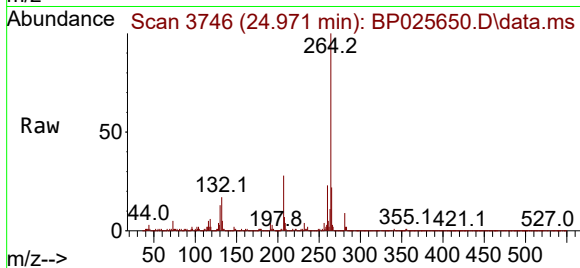
Acq: 02 Sep 2025 23:06

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Tgt Ion:264 Resp: 804632

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 22.3 17.4 26.0

