

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
 Data File : BP025617.D
 Acq On : 28 Aug 2025 18:42
 Operator : CG/JU
 Sample : Q2969-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-08272025

Quant Time: Aug 29 02:27:44 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)

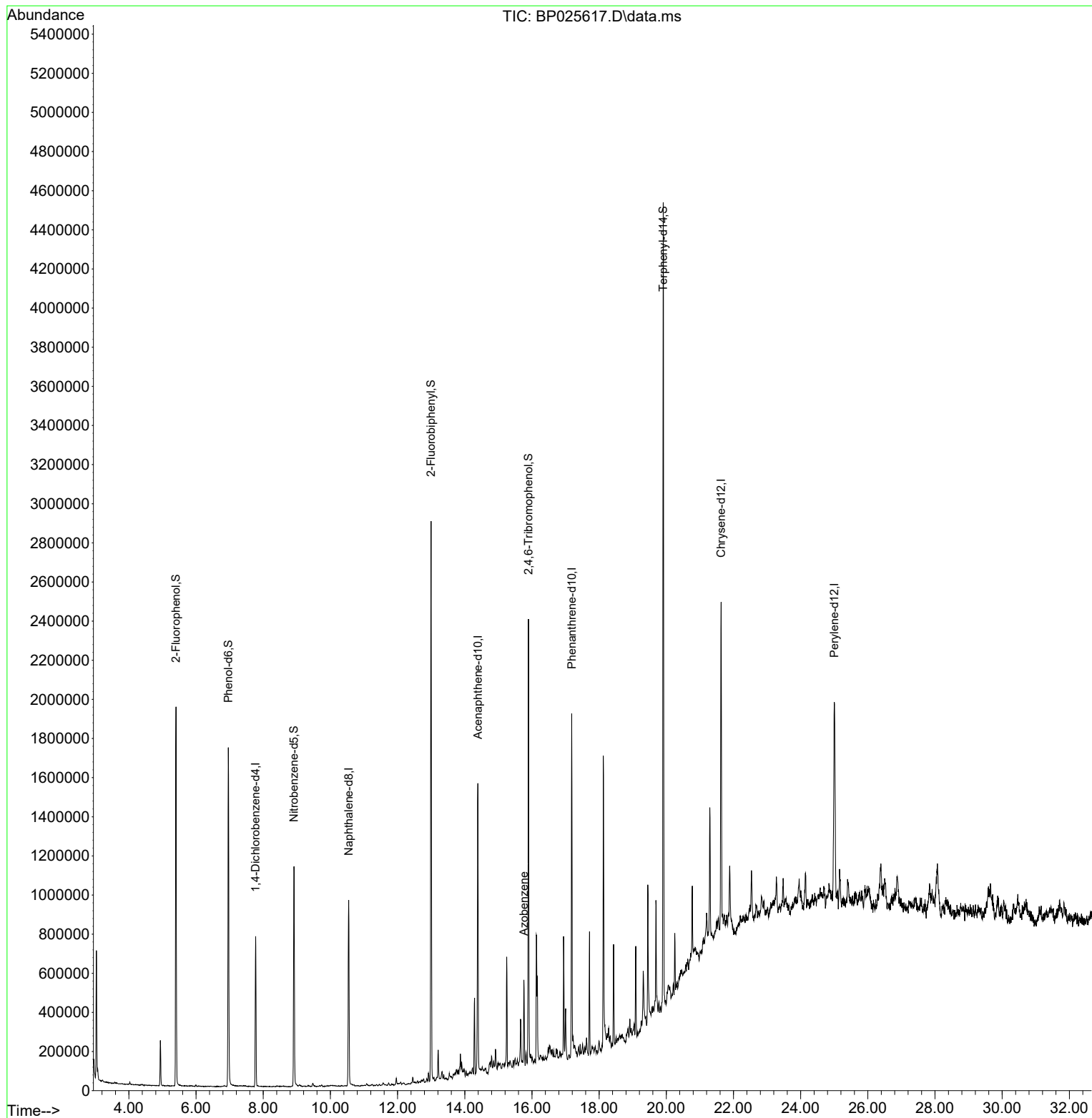
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	215345	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	858936	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	516626	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	983179	20.000	ng	-0.02
76) Chrysene-d12	21.630	240	1033291	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1186857	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	834935	64.389	ng	0.00
7) Phenol-d6	6.960	99	1046354	62.939	ng	0.00
23) Nitrobenzene-d5	8.913	82	678831	39.979	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	437260	62.880	ng	-0.02
45) 2-Fluorobiphenyl	12.995	172	1567406	41.464	ng	-0.02
79) Terphenyl-d14	19.907	244	2290824	40.562	ng	-0.01
Target Compounds						
63) Azobenzene	15.760	77	117223	3.561	ng	Qvalue # 1

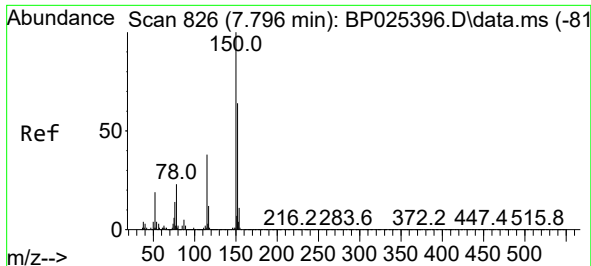
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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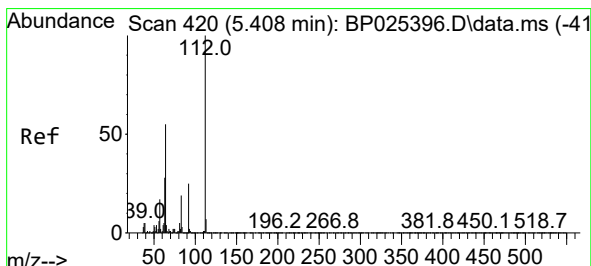
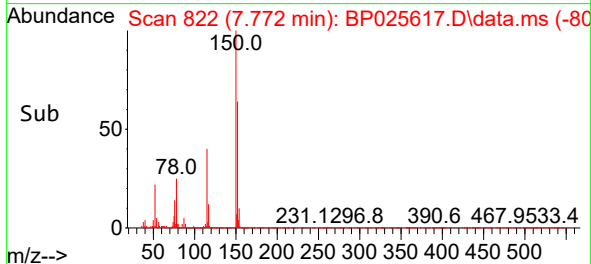
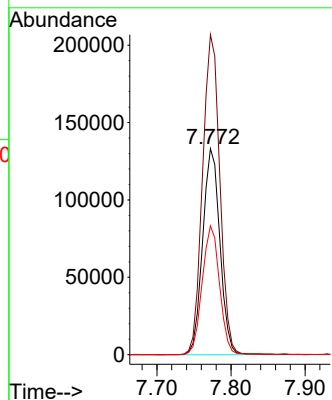
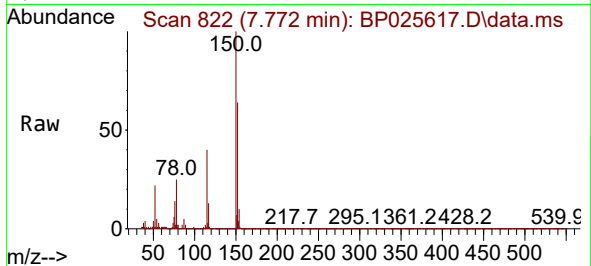




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025617.D
 Acq: 28 Aug 2025 18:42

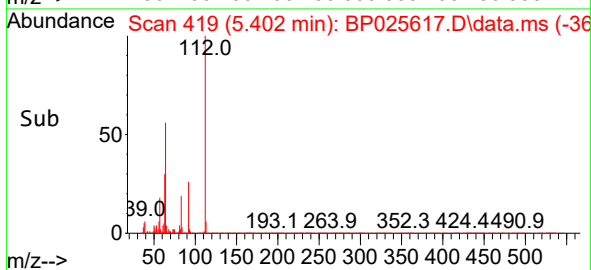
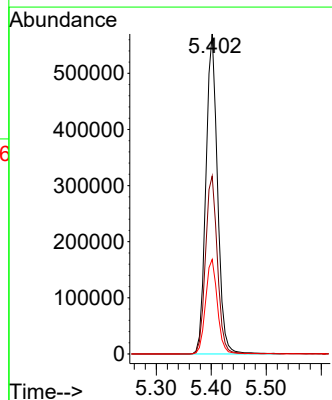
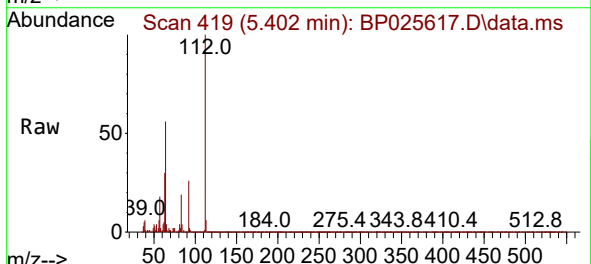
Instrument :
 BNA_P
 ClientSampleId :
 TR-05-08272025

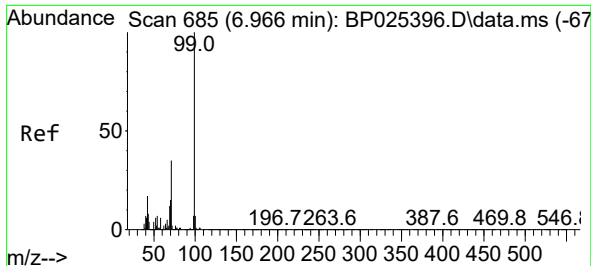
Tgt Ion:152 Resp: 215345
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.9 188.9
 115 62.5 48.5 72.7



#5
 2-Fluorophenol
 Concen: 64.389 ng
 RT: 5.402 min Scan# 419
 Delta R.T. -0.006 min
 Lab File: BP025617.D
 Acq: 28 Aug 2025 18:42

Tgt Ion:112 Resp: 834935
 Ion Ratio Lower Upper
 112 100
 64 55.6 43.8 65.8
 63 29.6 22.7 34.1

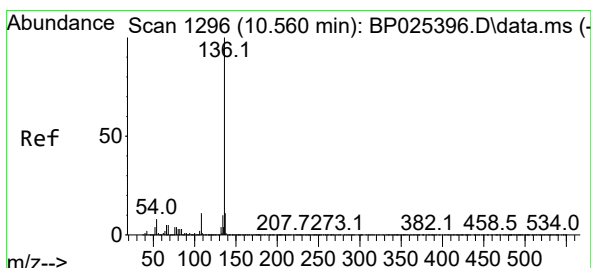
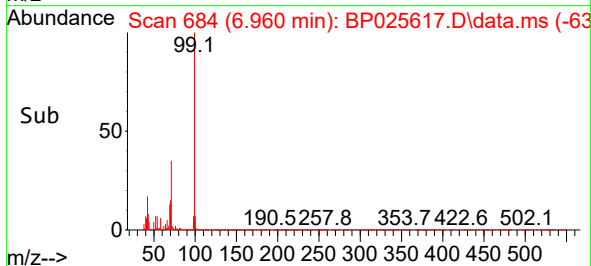
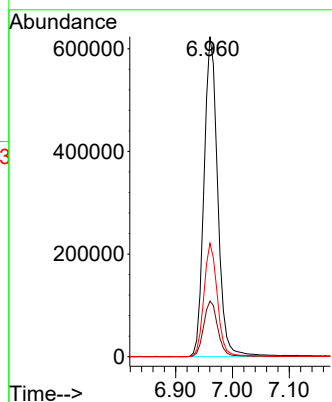
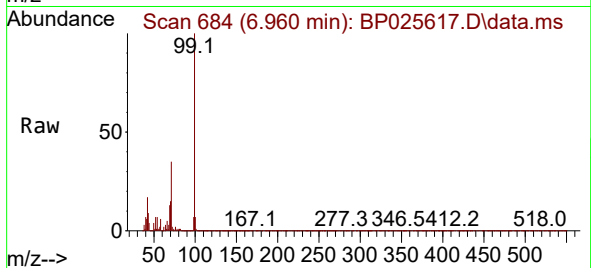




#7
Phenol-d6
Concen: 62.939 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025617.D
Acq: 28 Aug 2025 18:42

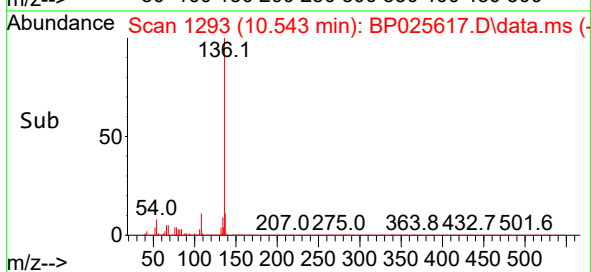
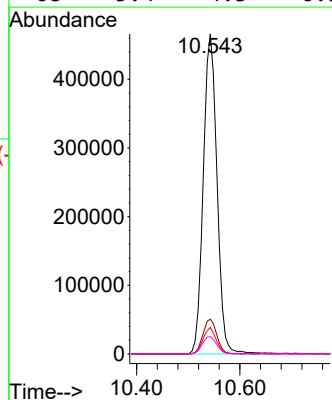
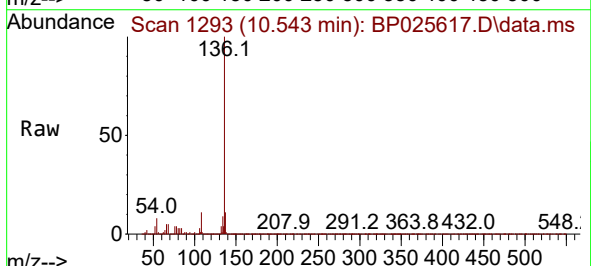
Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

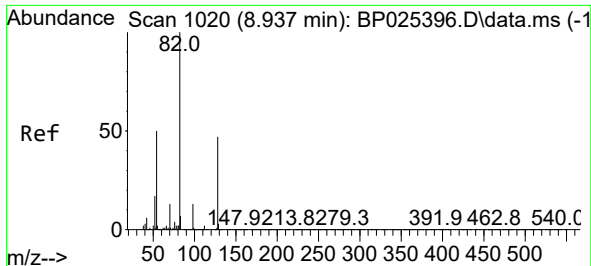
Tgt Ion: 99 Resp: 1046354
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 35.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025617.D
Acq: 28 Aug 2025 18:42

Tgt Ion: 136 Resp: 858936
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.3 6.0 9.0
68 5.4 4.3 6.5

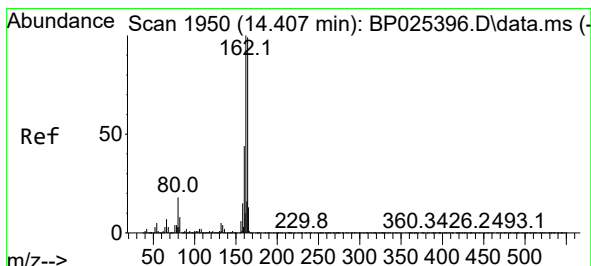
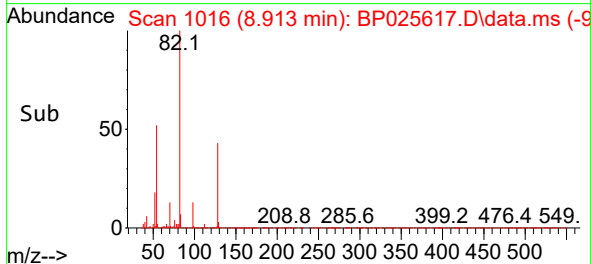
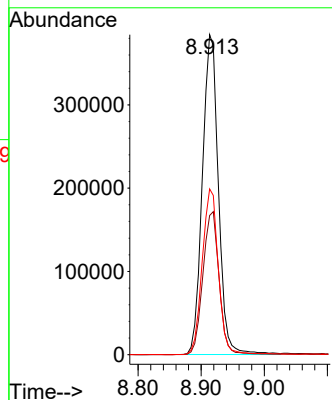
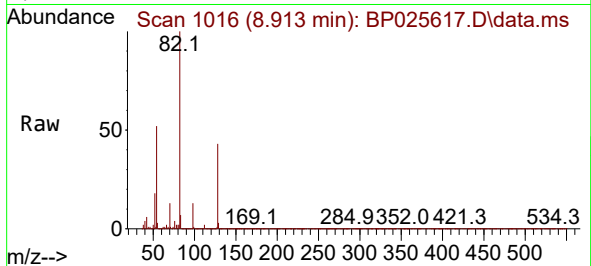




#23
Nitrobenzene-d5
Concen: 39.979 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025617.D
Acq: 28 Aug 2025 18:42

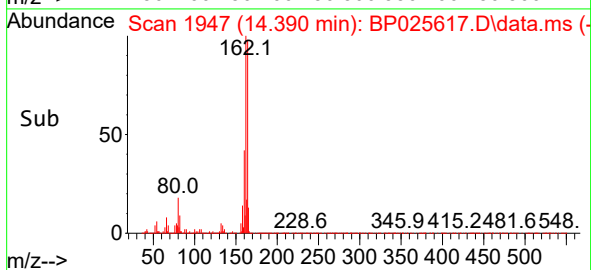
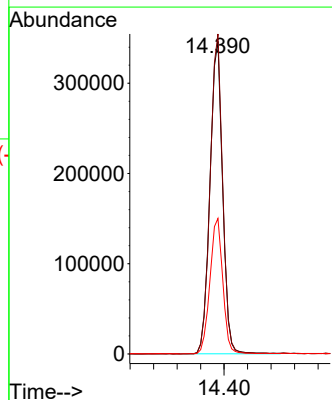
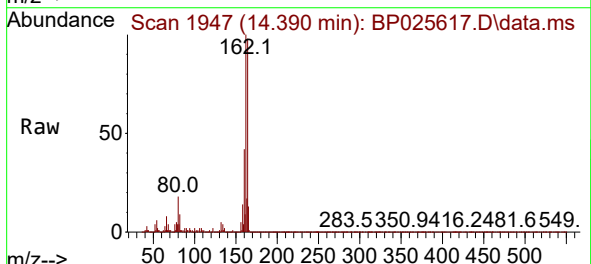
Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

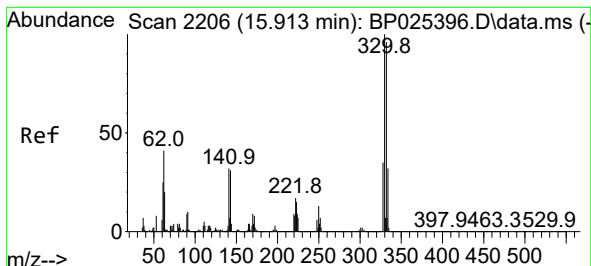
Tgt Ion: 82 Resp: 678831
Ion Ratio Lower Upper
82 100
128 43.5 37.7 56.5
54 51.8 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025617.D
Acq: 28 Aug 2025 18:42

Tgt Ion:164 Resp: 516626
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.6
160 43.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 62.880 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025617.D

Acq: 28 Aug 2025 18:42

Instrument :

BNA_P

ClientSampleId :

TR-05-08272025

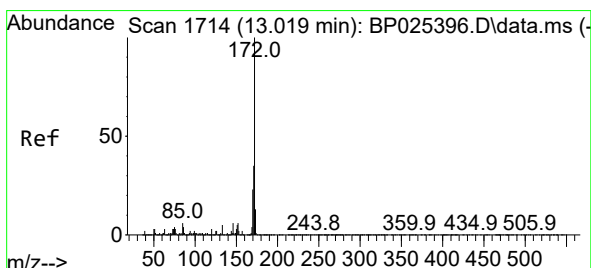
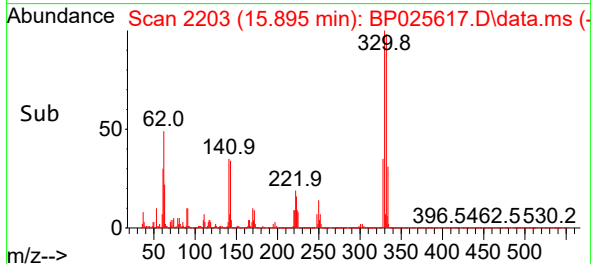
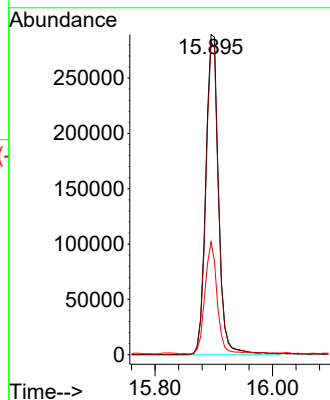
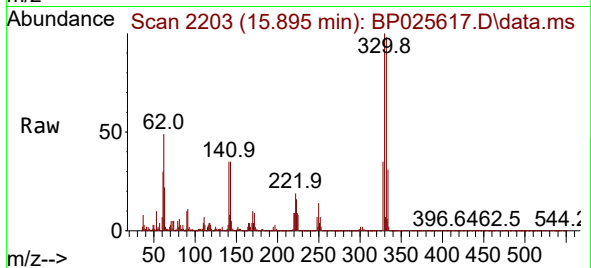
Tgt Ion:330 Resp: 437260

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 33.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 41.464 ng

RT: 12.995 min Scan# 1710

Delta R.T. -0.023 min

Lab File: BP025617.D

Acq: 28 Aug 2025 18:42

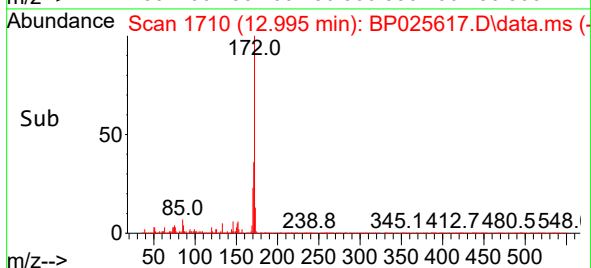
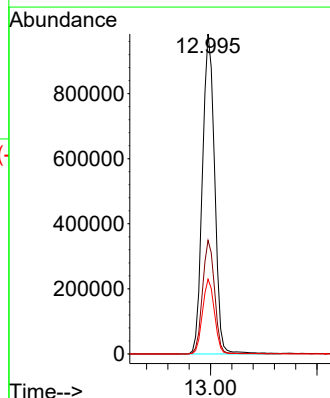
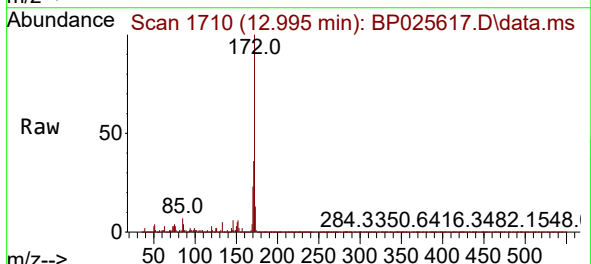
Tgt Ion:172 Resp: 1567406

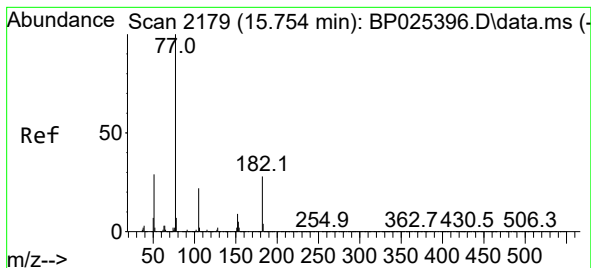
Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.4 18.6 28.0





#63

Azobenzene

Concen: 3.561 ng

RT: 15.760 min Scan# 2179

Delta R.T. 0.006 min

Lab File: BP025617.D

Acq: 28 Aug 2025 18:42

Instrument :

BNA_P

ClientSampleId :

TR-05-08272025

Tgt Ion: 77 Resp: 117223

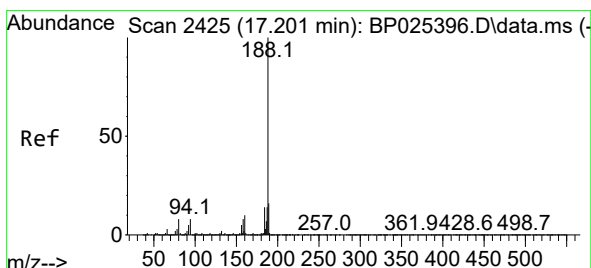
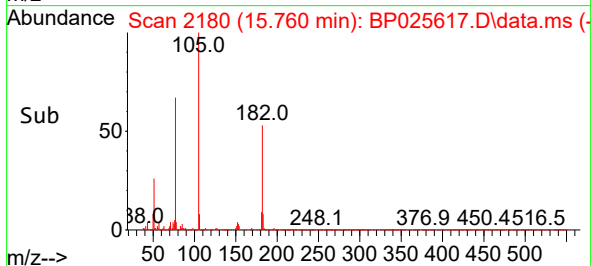
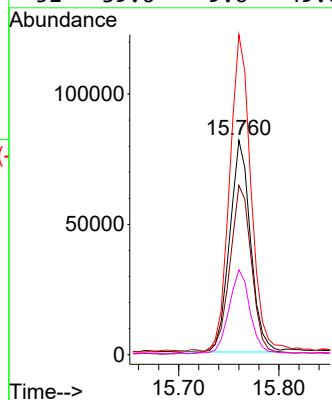
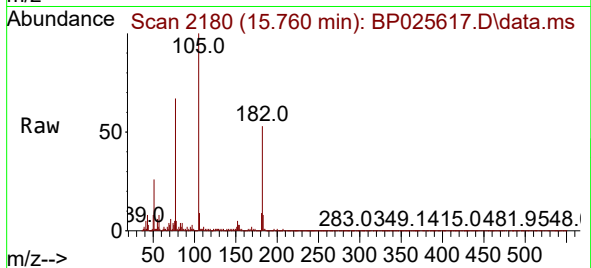
Ion Ratio Lower Upper

77 100

182 79.0 7.5 47.5#

105 149.3 2.1 42.1#

51 39.6 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.183 min Scan# 2422

Delta R.T. -0.018 min

Lab File: BP025617.D

Acq: 28 Aug 2025 18:42

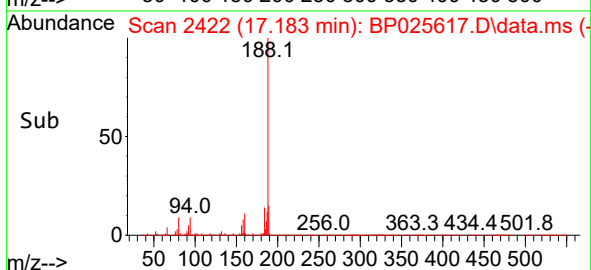
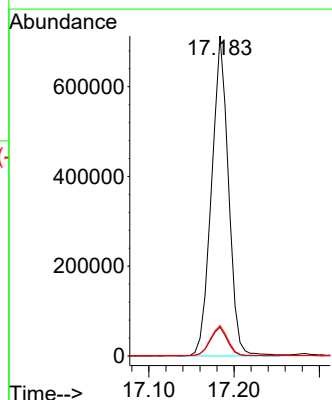
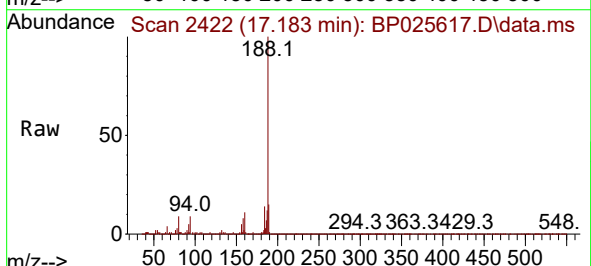
Tgt Ion:188 Resp: 983179

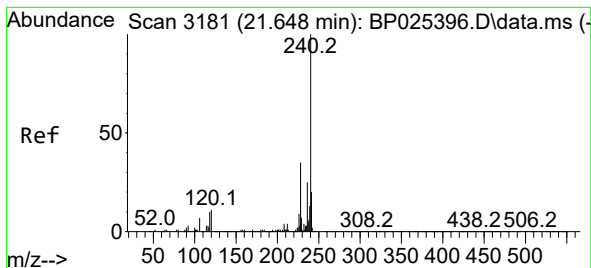
Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.5 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025617.D

Acq: 28 Aug 2025 18:42

Instrument :

BNA_P

ClientSampleId :

TR-05-08272025

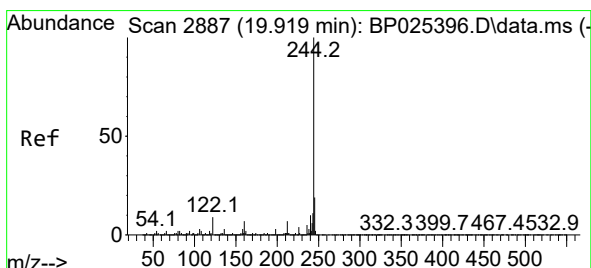
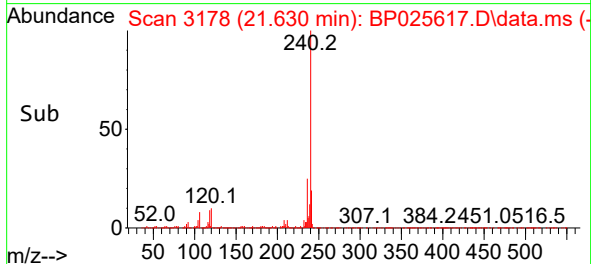
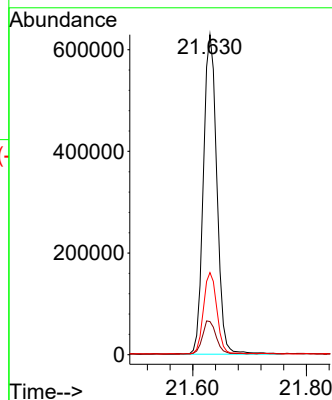
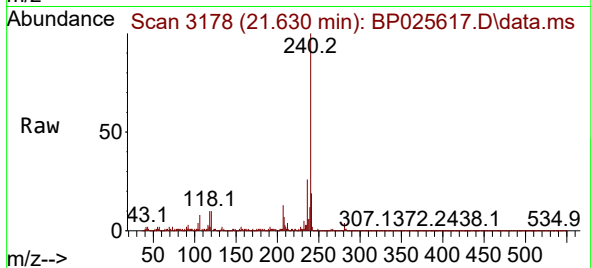
Tgt Ion:240 Resp: 1033291

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.7 19.8 29.8



#79

Terphenyl-d14

Concen: 40.562 ng

RT: 19.907 min Scan# 2885

Delta R.T. -0.012 min

Lab File: BP025617.D

Acq: 28 Aug 2025 18:42

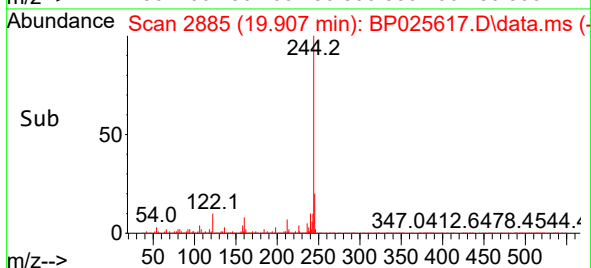
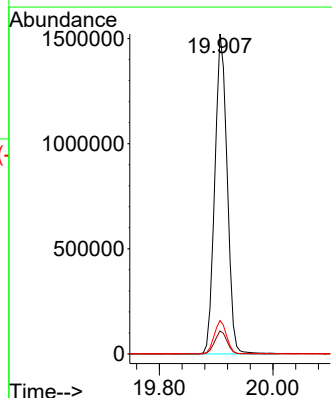
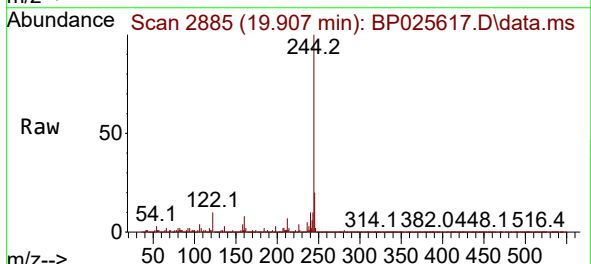
Tgt Ion:244 Resp: 2290824

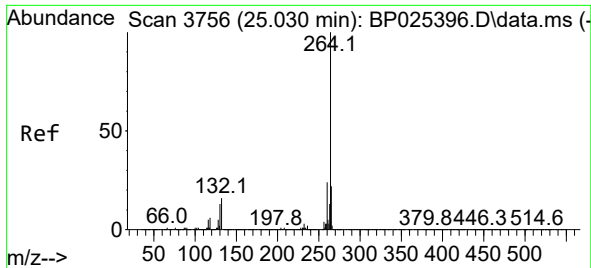
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

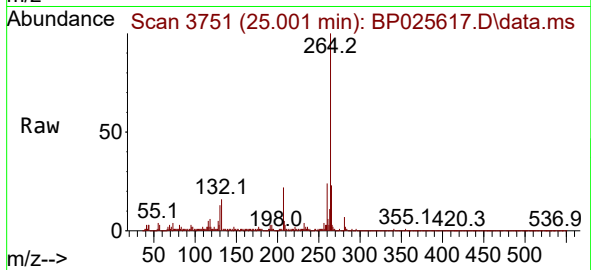
122 10.4 7.4 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP025617.D
Acq: 28 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
TR-05-08272025



Tgt Ion:264 Resp: 1186857

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	23.0	17.4	26.0

