

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025552.D
 Acq On : 22 Aug 2025 16:58
 Operator : CG/JU
 Sample : Q2924-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-8A-082025

Quant Time: Aug 22 17:16:31 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	7.778	152	178406	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	716017	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	464364	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	972343	20.000	ng	-0.02
76) Chrysene-d12	21.630	240	994558	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1124626	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	688138	64.056	ng	0.00
7) Phenol-d6	6.960	99	544802	39.555	ng	0.00
23) Nitrobenzene-d5	8.919	82	1199003	84.708	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	860792	137.718	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	2643783	77.810	ng	-0.02
79) Terphenyl-d14	19.913	244	4073022	74.927	ng	0.00

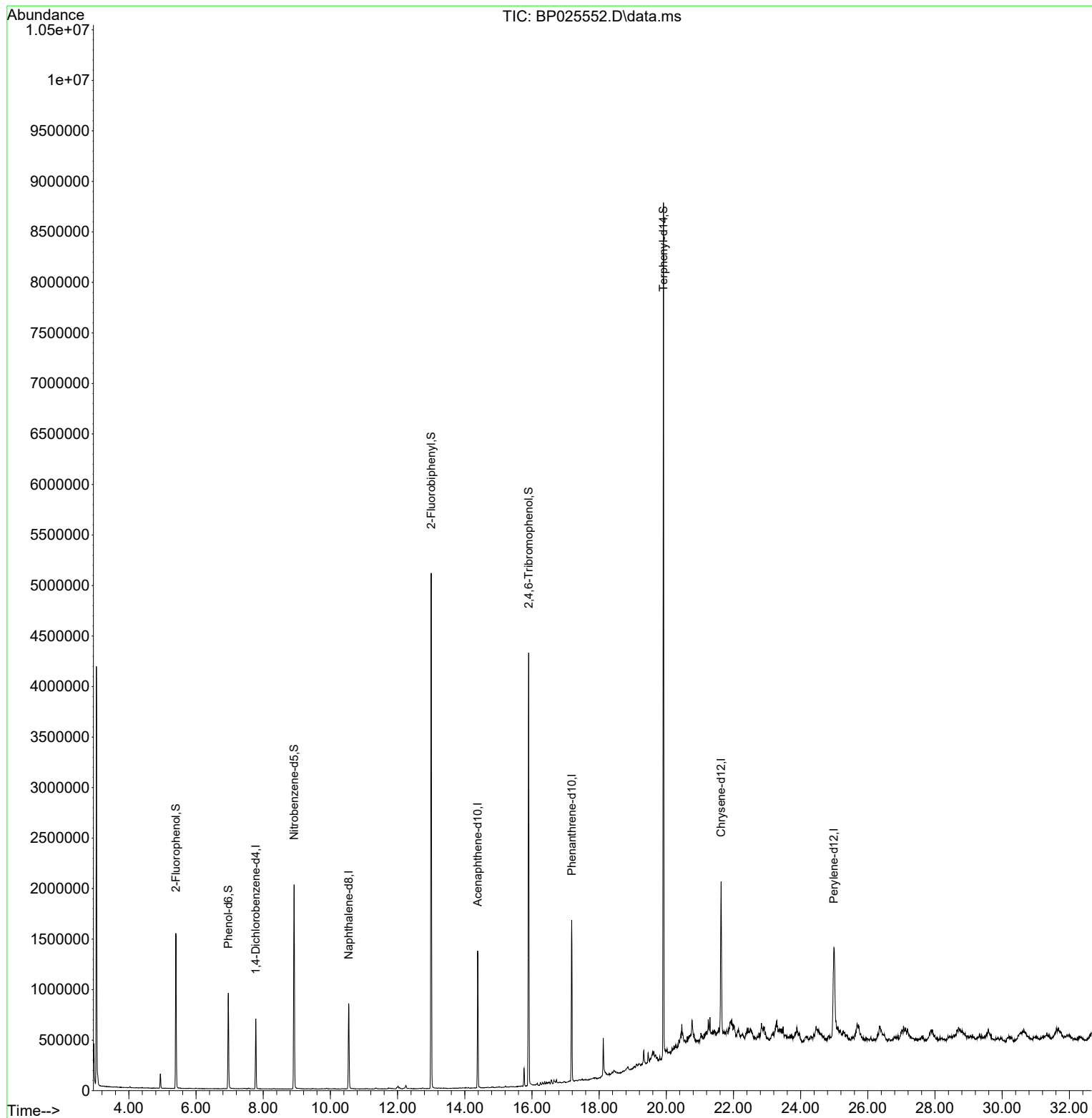
Target Compounds	Qvalue

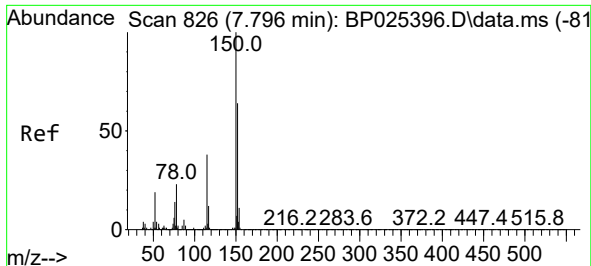
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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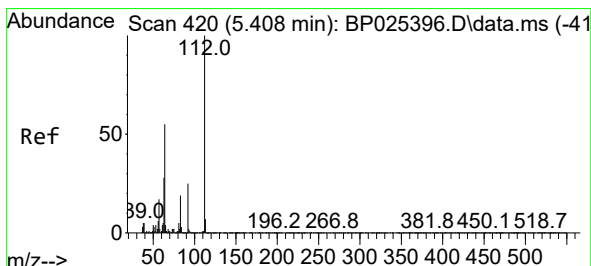
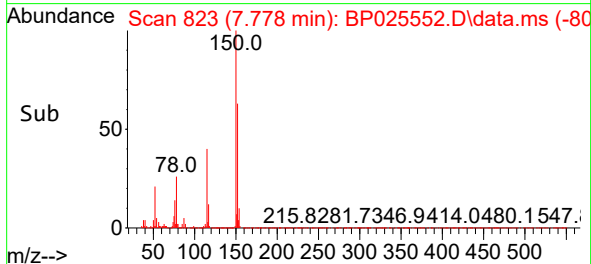
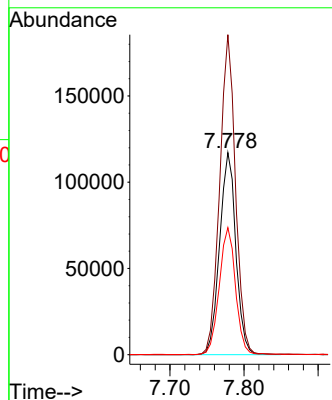
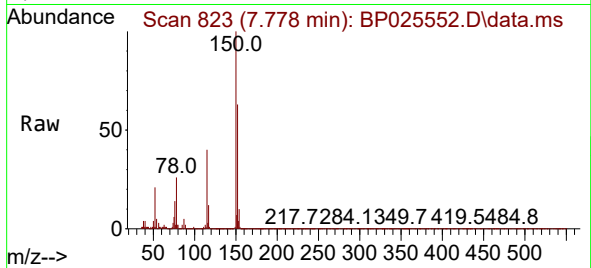




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

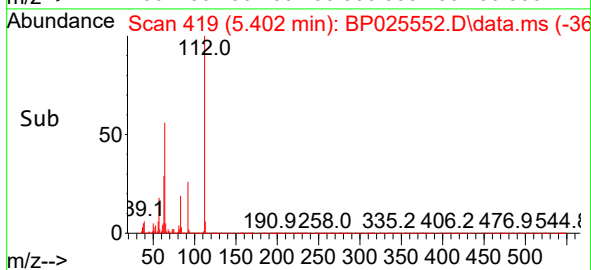
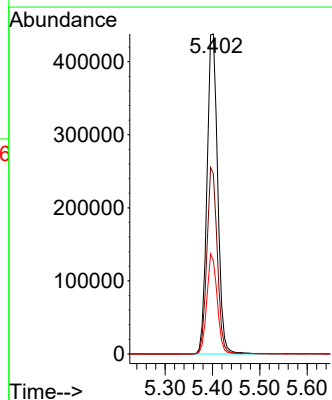
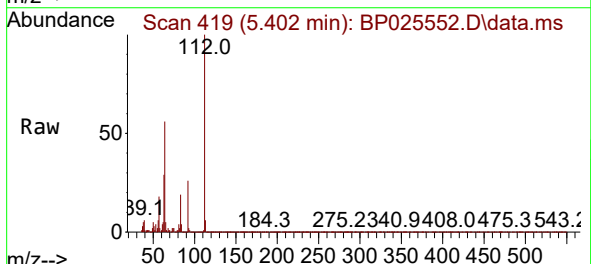
Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

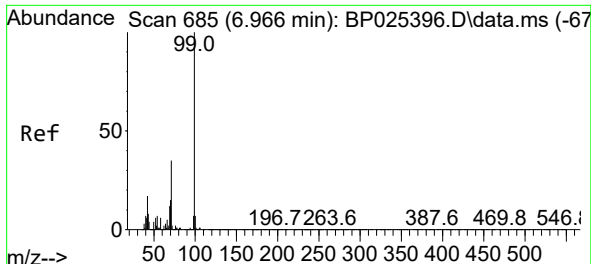
Tgt Ion:152 Resp: 178406
Ion Ratio Lower Upper
152 100
150 158.4 125.9 188.9
115 62.9 48.5 72.7



#5
2-Fluorophenol
Concen: 64.056 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Tgt Ion:112 Resp: 688138
Ion Ratio Lower Upper
112 100
64 56.4 43.8 65.8
63 29.2 22.7 34.1

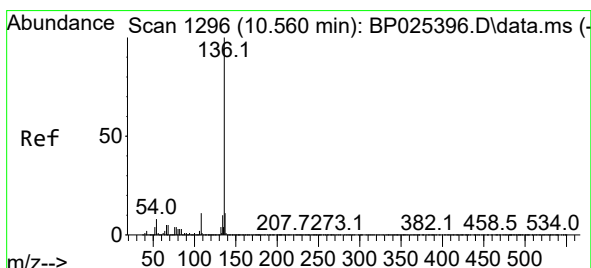
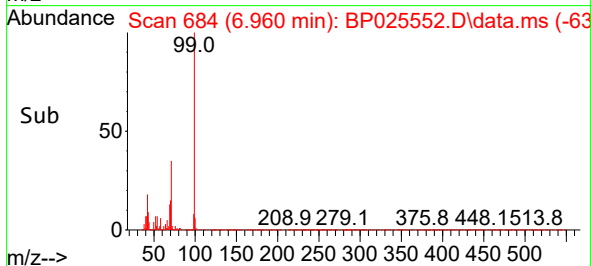
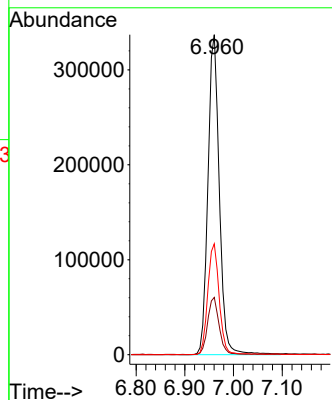
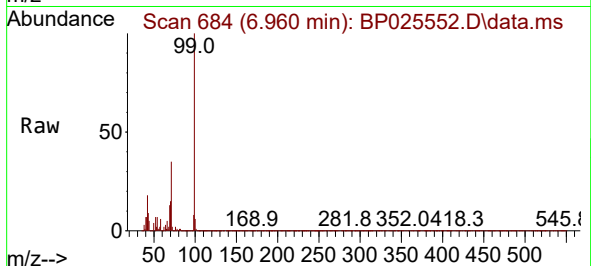




#7
Phenol-d6
Concen: 39.555 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

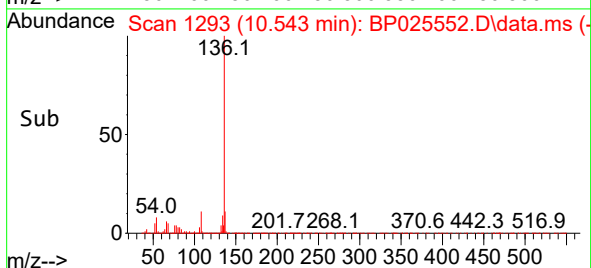
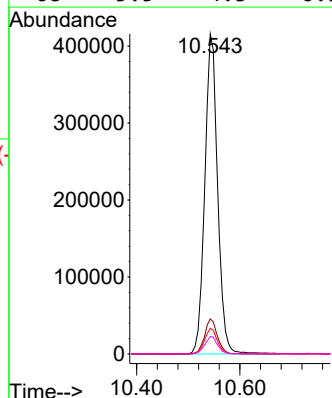
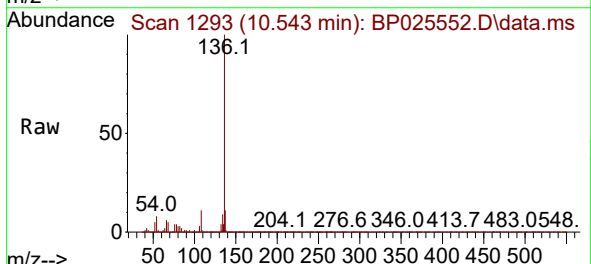
Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

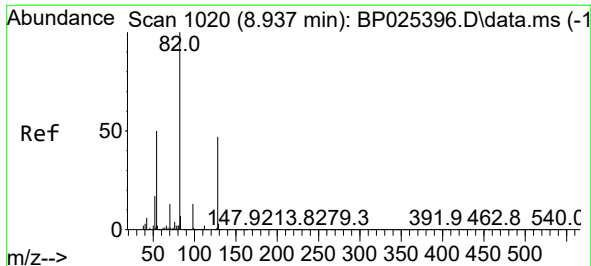
Tgt Ion: 99 Resp: 544802
Ion Ratio Lower Upper
99 100
42 17.9 13.7 20.5
71 34.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Tgt Ion:136 Resp: 716017
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.0 6.0 9.0
68 5.5 4.3 6.5

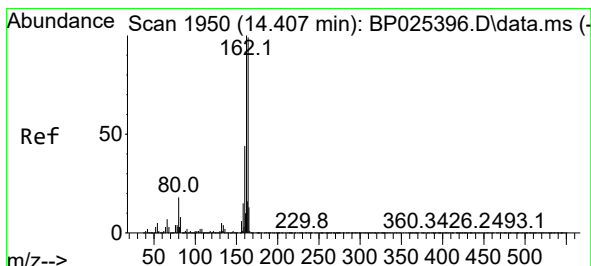
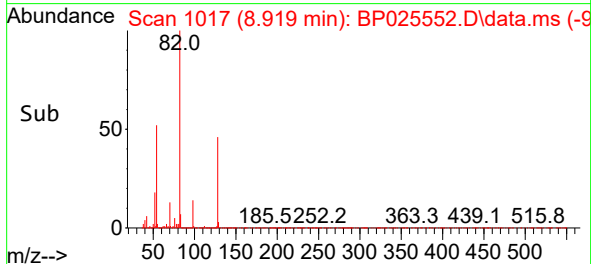
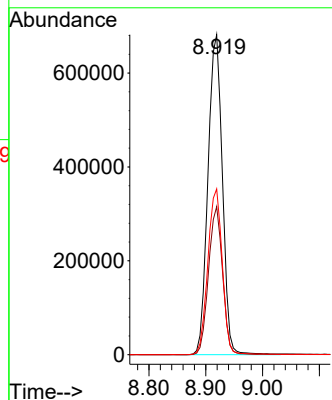
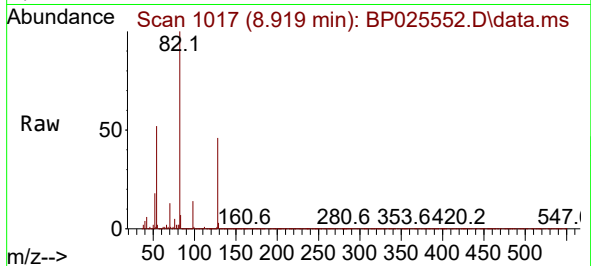




#23
Nitrobenzene-d5
Concen: 84.708 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

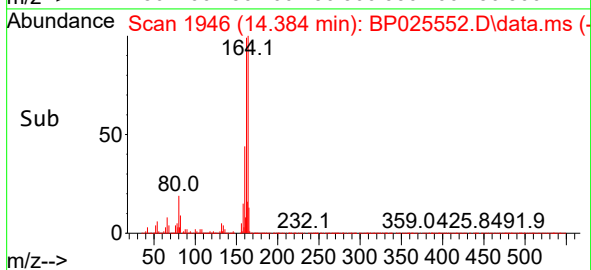
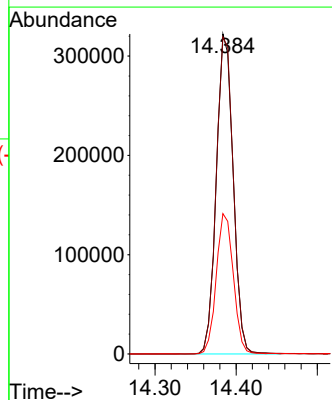
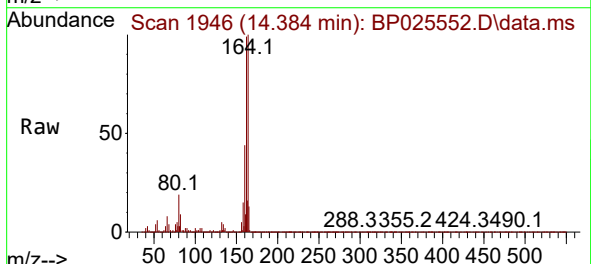
Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

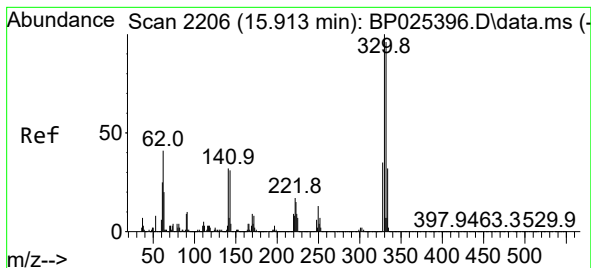
Tgt Ion: 82 Resp: 1199003
Ion Ratio Lower Upper
82 100
128 46.2 37.7 56.5
54 51.8 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Tgt Ion: 164 Resp: 464364
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.6
160 43.9 35.4 53.2

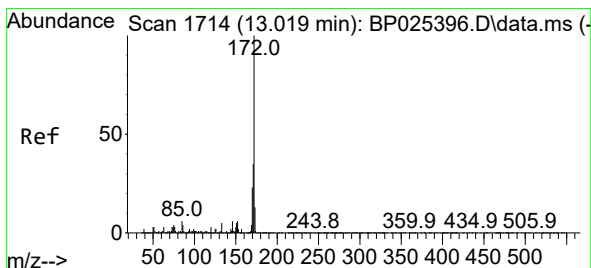
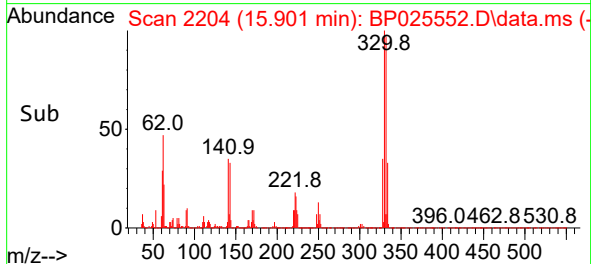
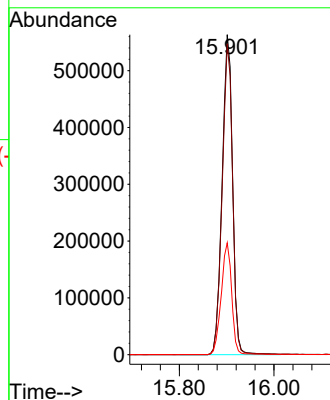
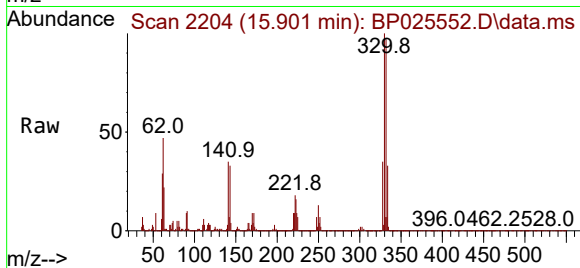




#42
2,4,6-Tribromophenol
Concen: 137.718 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

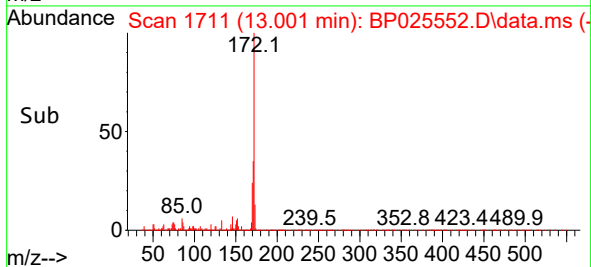
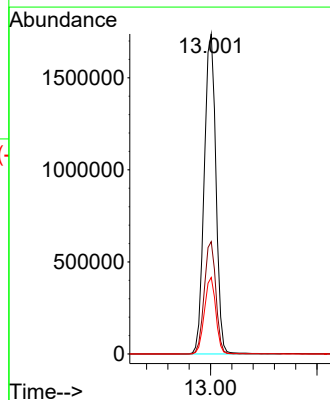
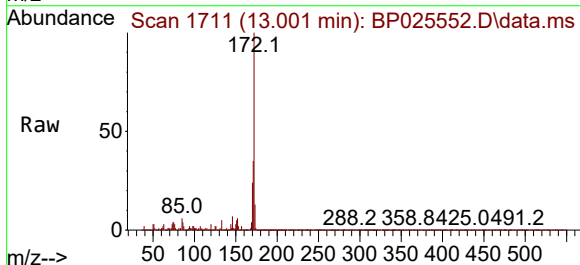
Instrument :
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ClientSampleId :
MW-8A-082025

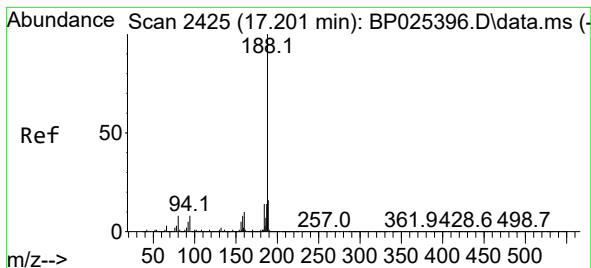
Tgt Ion:330 Resp: 860792
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.9 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 77.810 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025552.D
Acq: 22 Aug 2025 16:58

Tgt Ion:172 Resp: 2643783
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.183 min Scan# 2425

Delta R.T. -0.018 min

Lab File: BP025552.D

Acq: 22 Aug 2025 16:58

Instrument :

BNA_P

ClientSampleId :

MW-8A-082025

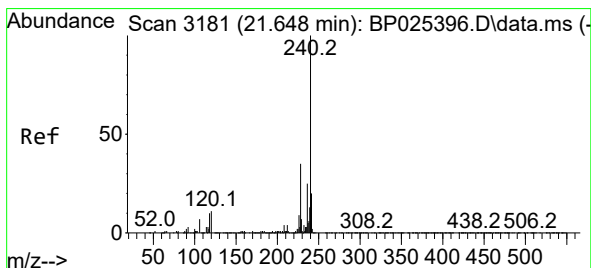
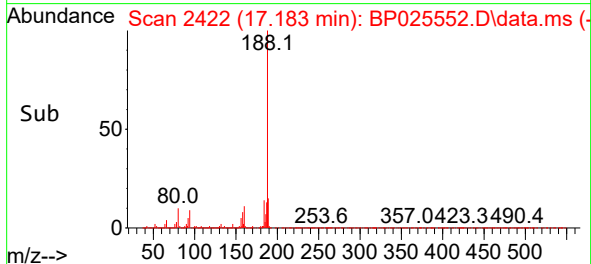
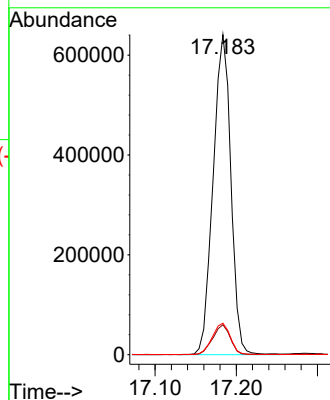
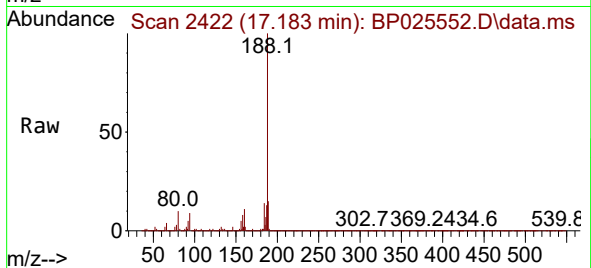
Tgt Ion:188 Resp: 972343

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

80 9.9 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.018 min

Lab File: BP025552.D

Acq: 22 Aug 2025 16:58

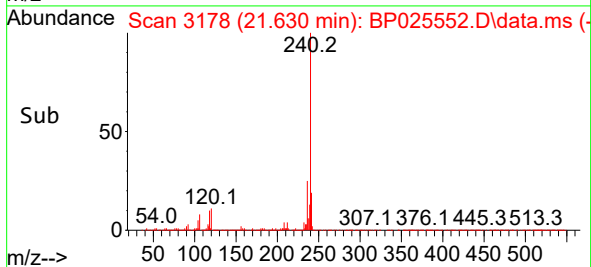
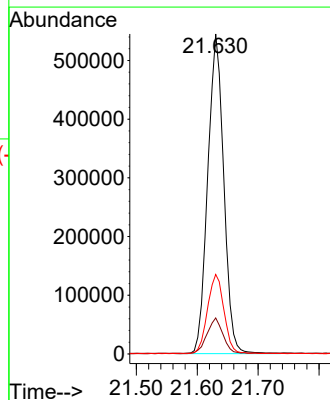
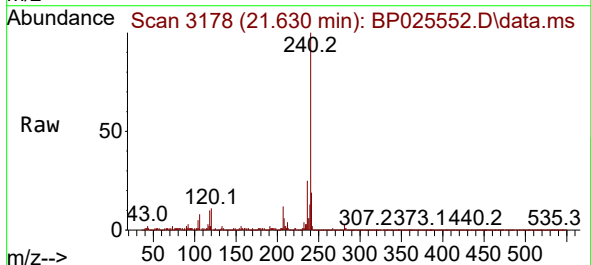
Tgt Ion:240 Resp: 994558

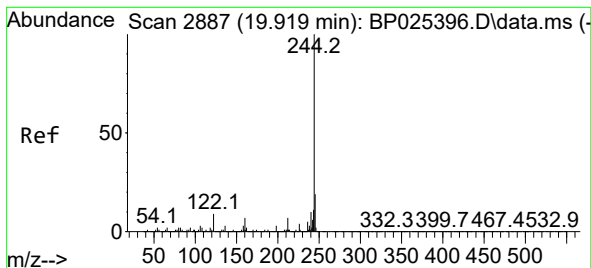
Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 24.9 19.8 29.8





#79

Terphenyl-d14

Concen: 74.927 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025552.D

Acq: 22 Aug 2025 16:58

Instrument :

BNA_P

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MW-8A-082025

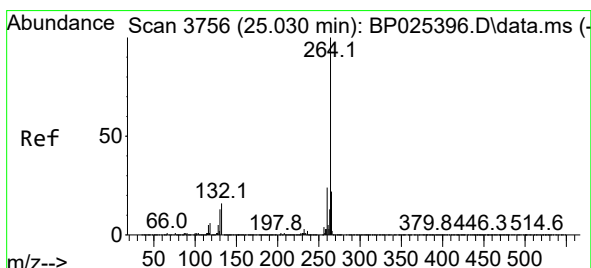
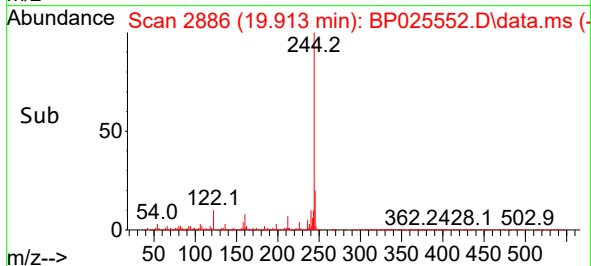
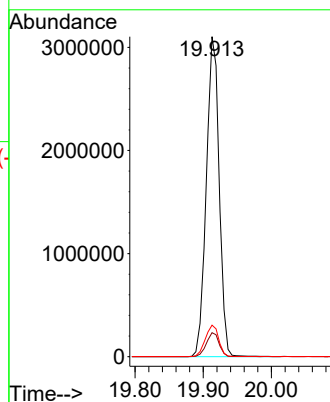
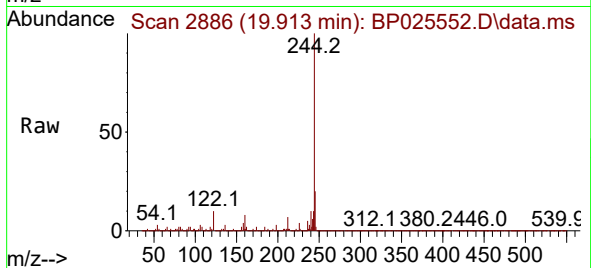
Tgt Ion:244 Resp: 4073022

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 9.9 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.041 min

Lab File: BP025552.D

Acq: 22 Aug 2025 16:58

Tgt Ion:264 Resp: 1124626

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 22.3 17.4 26.0

