

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025586.D
 Acq On : 26 Aug 2025 15:14
 Operator : CG/JU
 Sample : Q2924-05DL2 40X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2B-082025DL2

Quant Time: Aug 26 15:56:16 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)

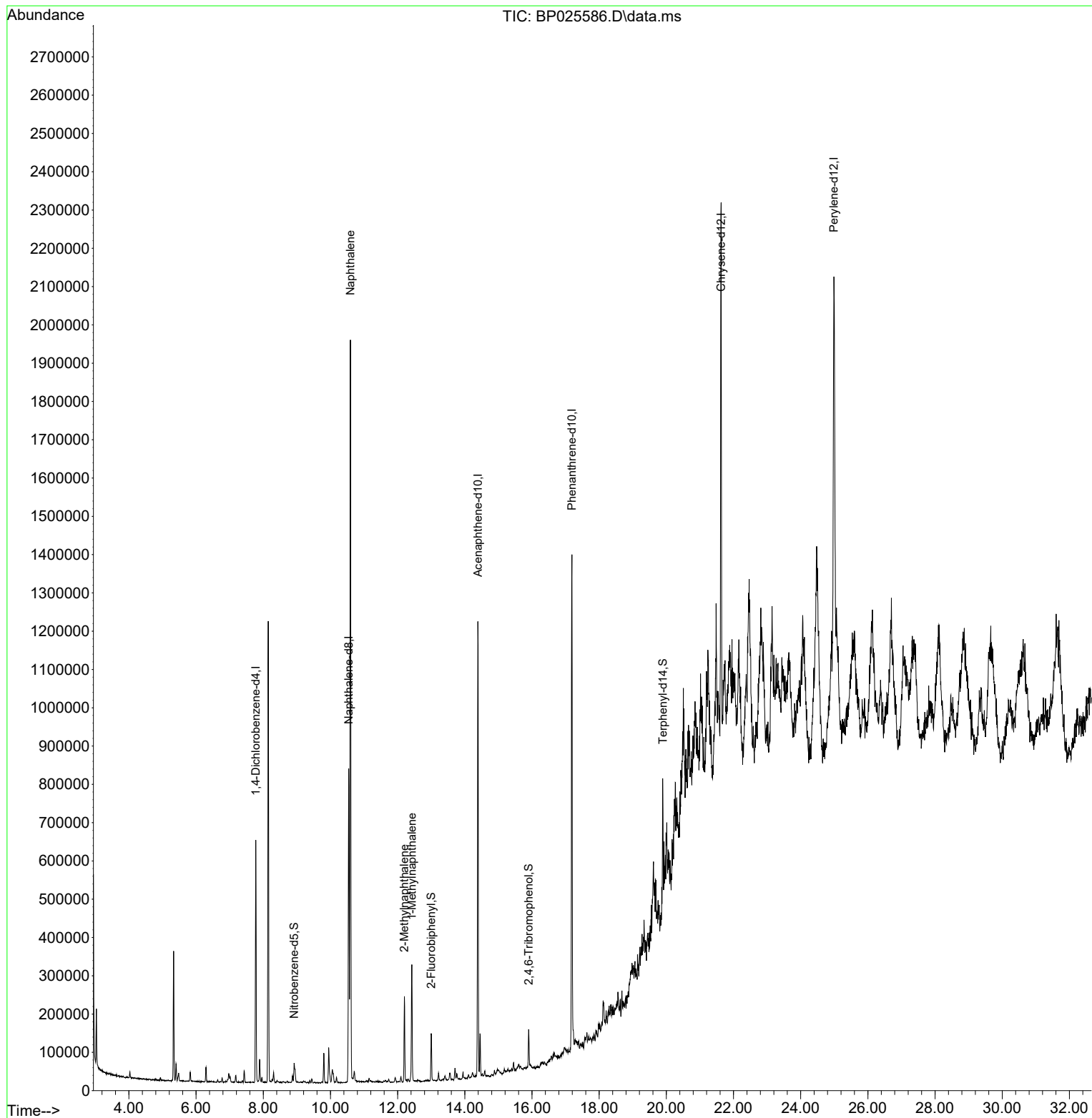
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	173400	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	700981	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	444336	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	857309	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	880360	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1060519	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	20820	1.994	ng	0.00
7) Phenol-d6	6.972	99	16055	1.199	ng	0.00
23) Nitrobenzene-d5	8.919	82	27867	2.011	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	20755	3.470	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	74136	2.280	ng	-0.02
79) Terphenyl-d14	19.895	244	121231	2.519	ng	-0.02
Target Compounds						
						Qvalue
31) Naphthalene	10.595	128	1608193	44.140	ng	99
37) 2-Methylnaphthalene	12.201	142	101572	4.284	ng	99
38) 1-Methylnaphthalene	12.425	142	155560	6.169	ng	99

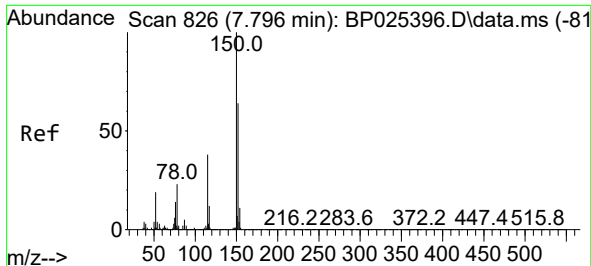
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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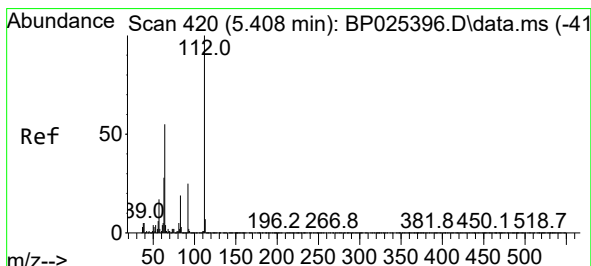
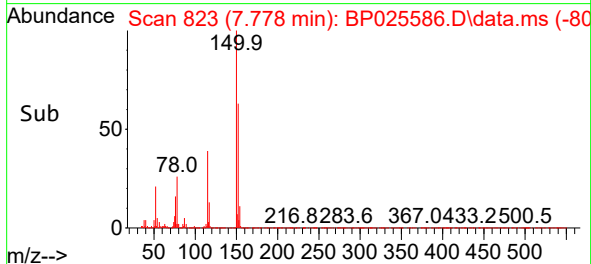
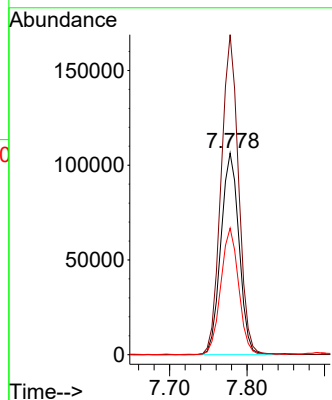
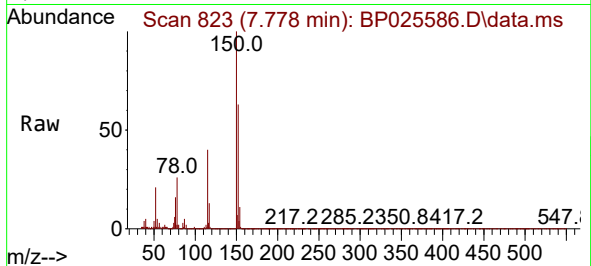




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

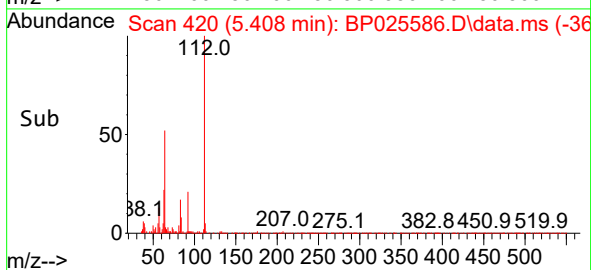
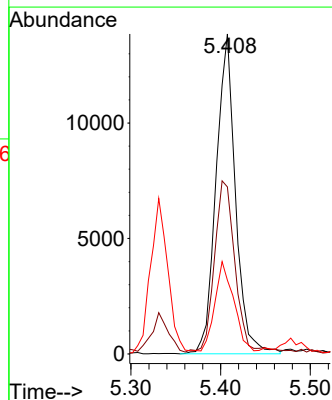
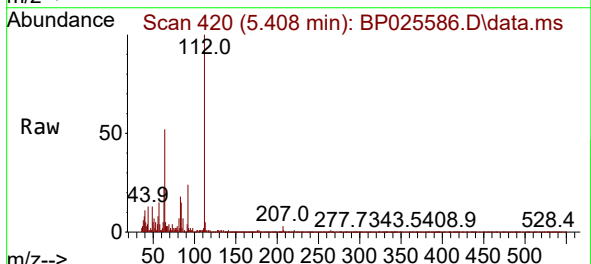
Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

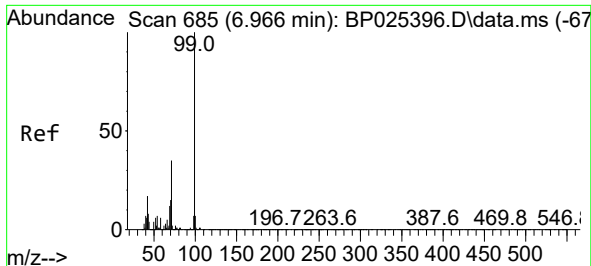
Tgt Ion:152 Resp: 173400
Ion Ratio Lower Upper
152 100
150 158.7 125.9 188.9
115 62.7 48.5 72.7



#5
2-Fluorophenol
Concen: 1.994 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:112 Resp: 20820
Ion Ratio Lower Upper
112 100
64 52.2 43.8 65.8
63 23.0 22.7 34.1

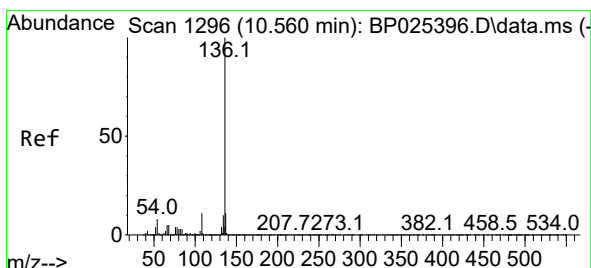
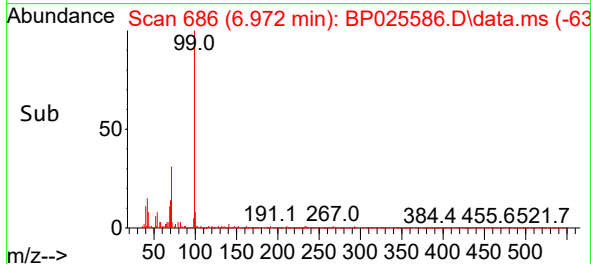
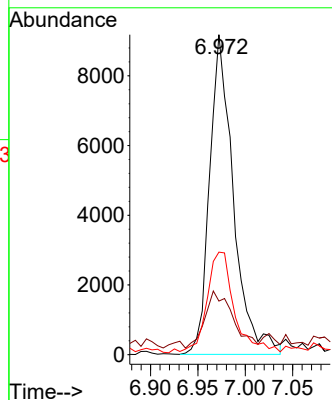
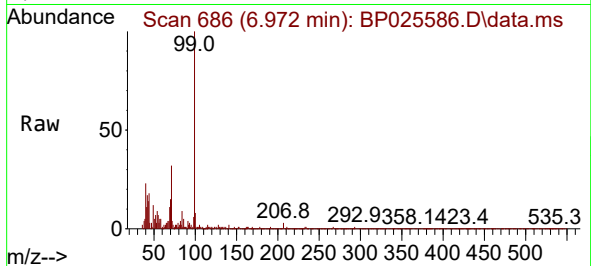




#7
Phenol-d6
Concen: 1.199 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

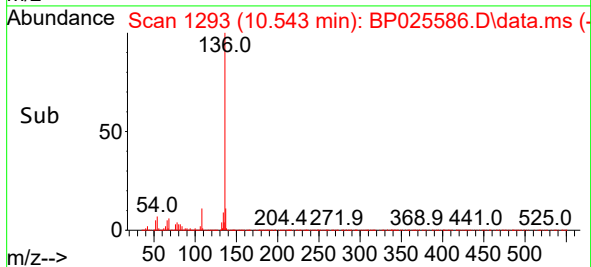
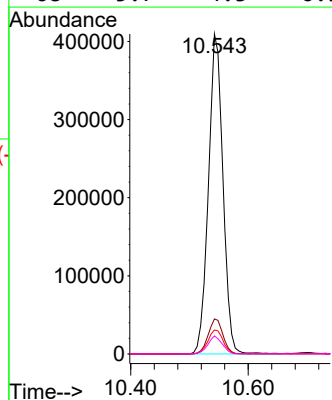
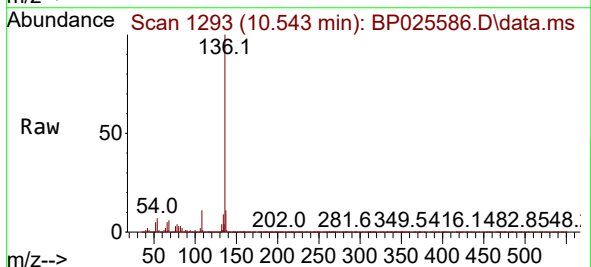
Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

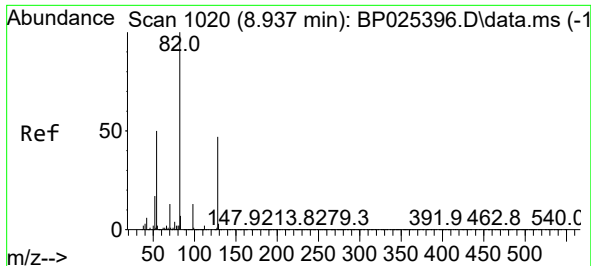
Tgt Ion: 99 Resp: 16055
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 32.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion: 136 Resp: 700981
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.5 6.0 9.0
68 5.7 4.3 6.5

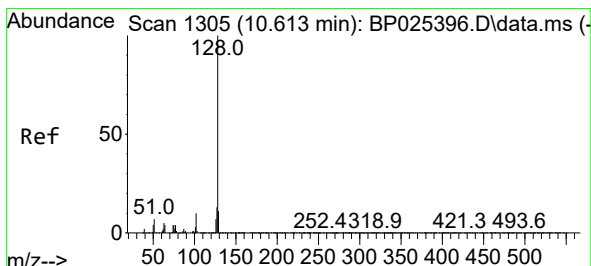
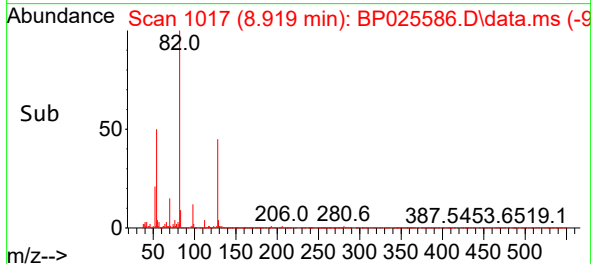
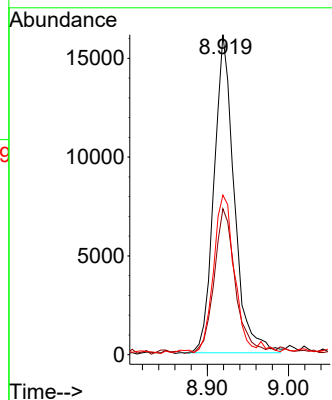
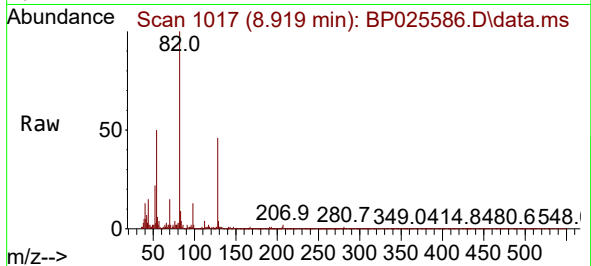




#23
Nitrobenzene-d5
Concen: 2.011 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

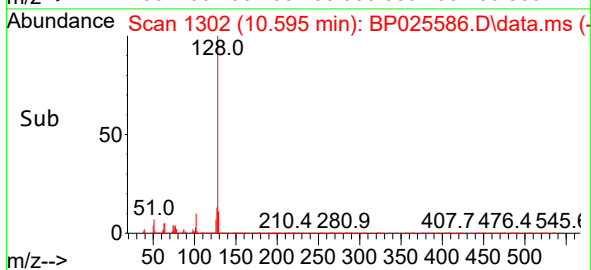
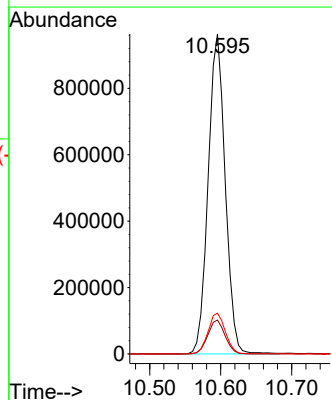
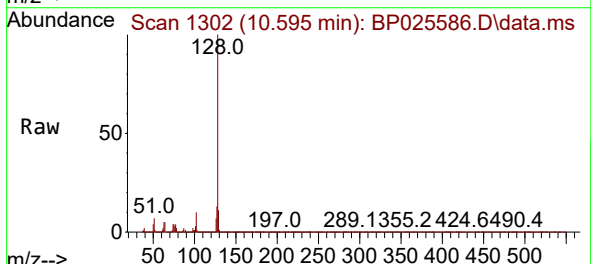
Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

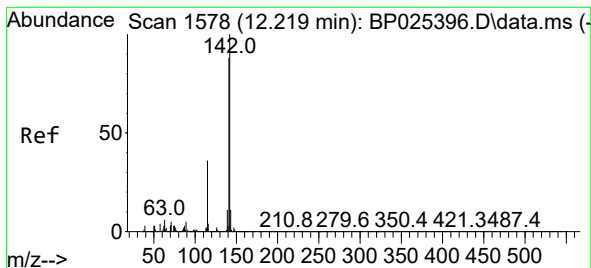
Tgt Ion: 82 Resp: 27867
Ion Ratio Lower Upper
82 100
128 45.6 37.7 56.5
54 49.9 39.8 59.6



#31
Naphthalene
Concen: 44.140 ng
RT: 10.595 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion: 128 Resp: 1608193
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.7 10.7 16.1





#37

2-Methylnaphthalene

Concen: 4.284 ng

RT: 12.201 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP025586.D

Acq: 26 Aug 2025 15:14

Instrument :

BNA_P

ClientSampleId :

MW-2B-082025DL2

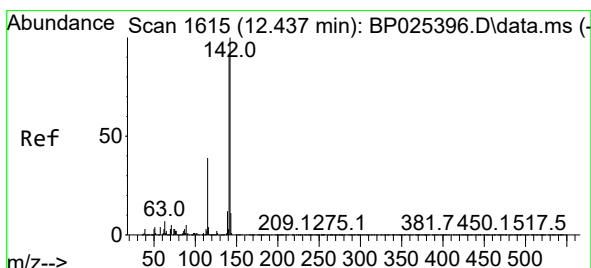
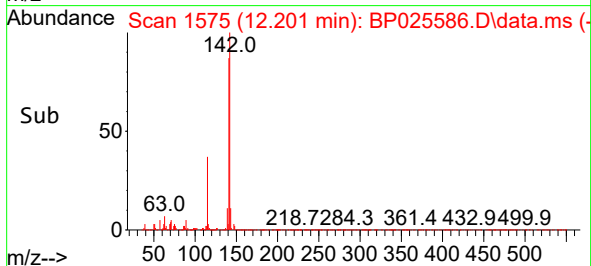
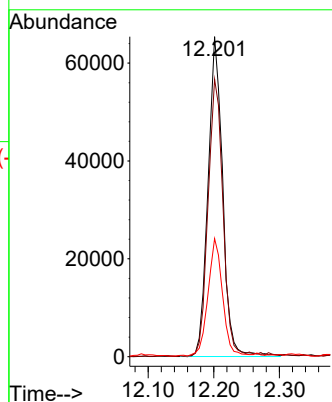
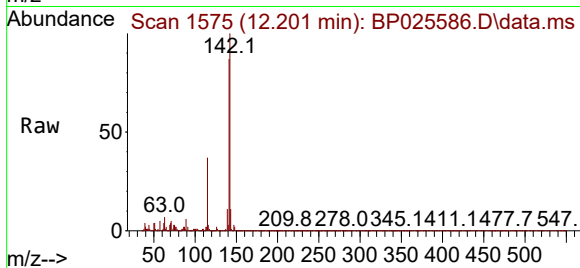
Tgt Ion:142 Resp: 101572

Ion Ratio Lower Upper

142 100

141 86.7 70.3 105.5

115 36.9 28.9 43.3



#38

1-Methylnaphthalene

Concen: 6.169 ng

RT: 12.425 min Scan# 1613

Delta R.T. -0.012 min

Lab File: BP025586.D

Acq: 26 Aug 2025 15:14

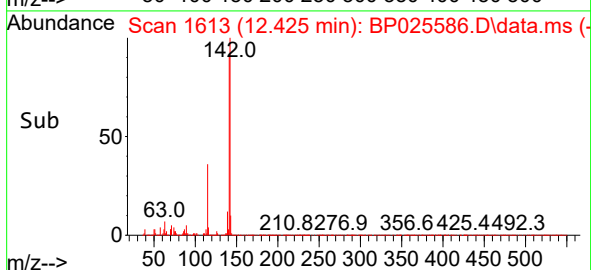
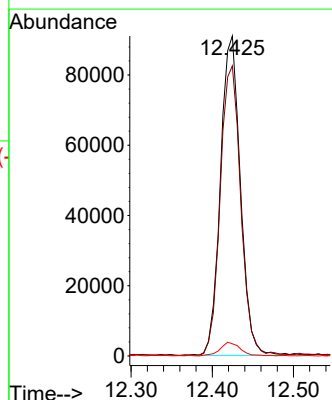
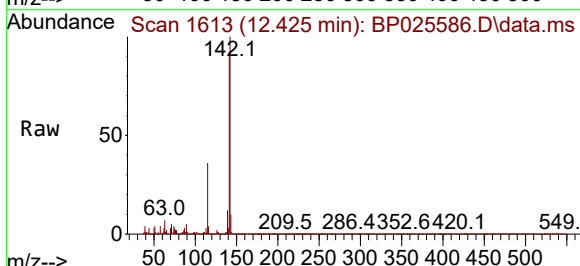
Tgt Ion:142 Resp: 155560

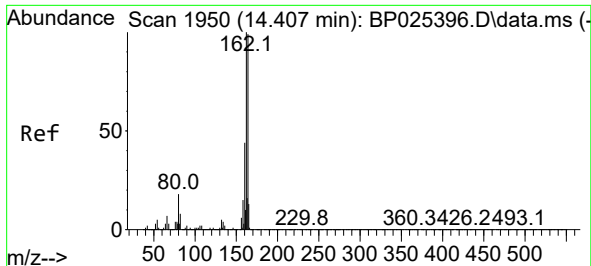
Ion Ratio Lower Upper

142 100

141 90.7 73.1 109.7

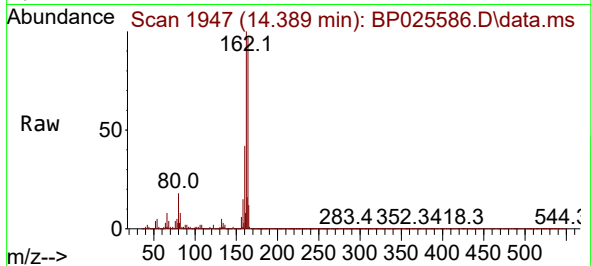
116 3.8 3.2 4.8



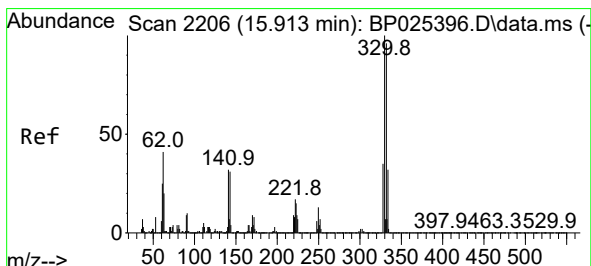
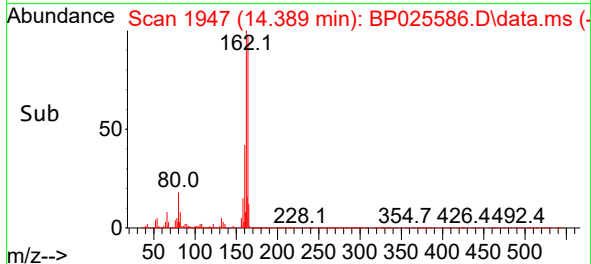
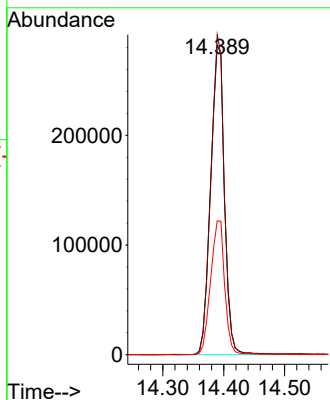


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

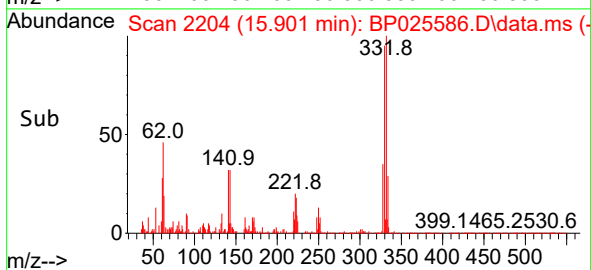
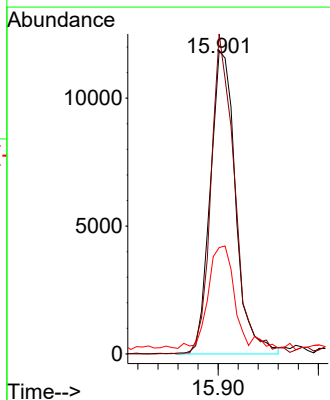
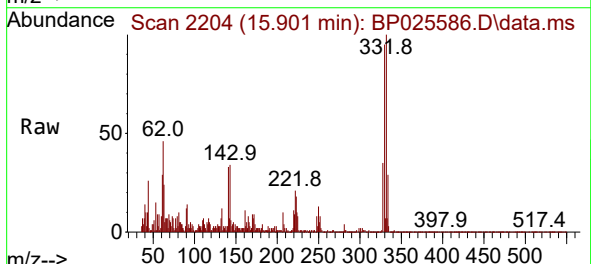


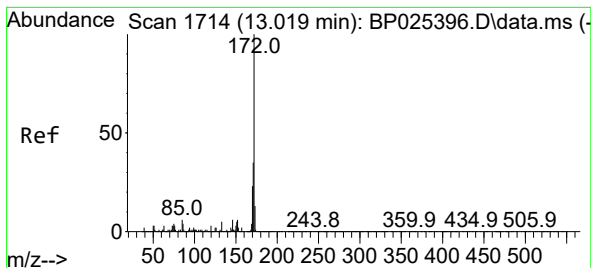
Tgt Ion:164 Resp: 444336
Ion Ratio Lower Upper
164 100
162 103.3 81.0 121.6
160 43.2 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 3.470 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:330 Resp: 20755
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 35.7 26.6 39.8





#45

2-Fluorobiphenyl

Concen: 2.280 ng

RT: 13.001 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP025586.D

Acq: 26 Aug 2025 15:14

Instrument :

BNA_P

ClientSampleId :

MW-2B-082025DL2

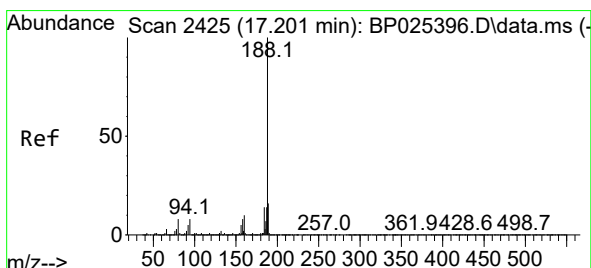
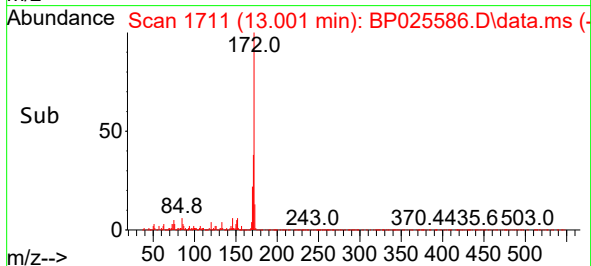
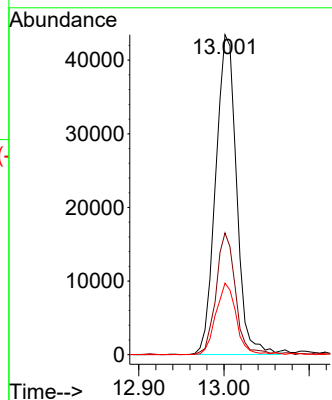
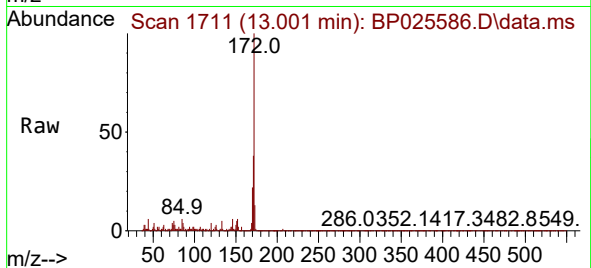
Tgt Ion:172 Resp: 74136

Ion Ratio Lower Upper

172 100

171 38.0 28.1 42.1

170 22.4 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP025586.D

Acq: 26 Aug 2025 15:14

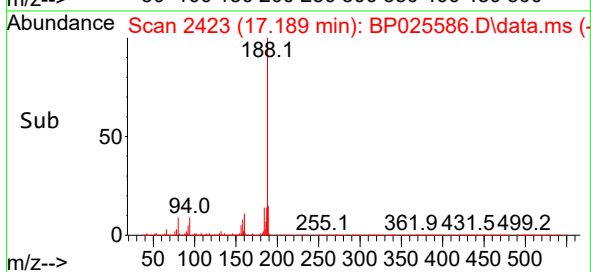
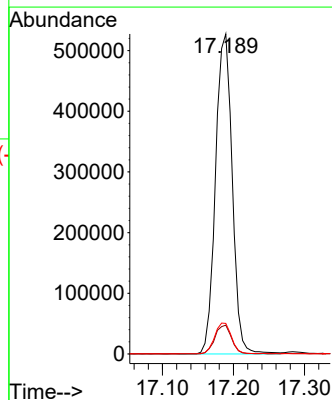
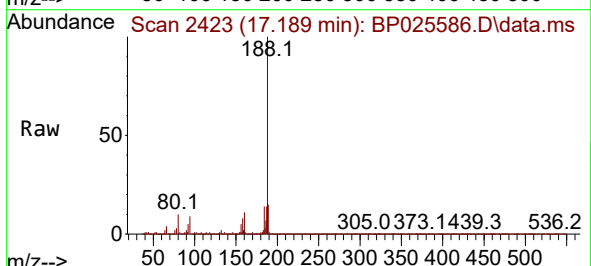
Tgt Ion:188 Resp: 857309

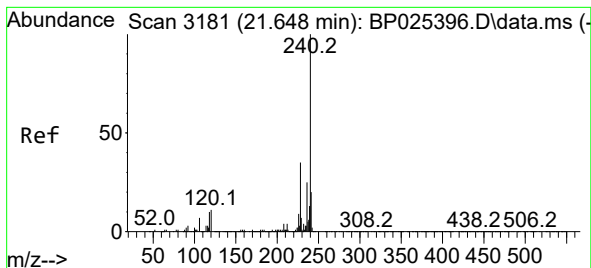
Ion Ratio Lower Upper

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# 3181

Delta R.T. -0.018 min

Lab File: BP025586.D

Acq: 26 Aug 2025 15:14

Instrument :

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ClientSampleId :

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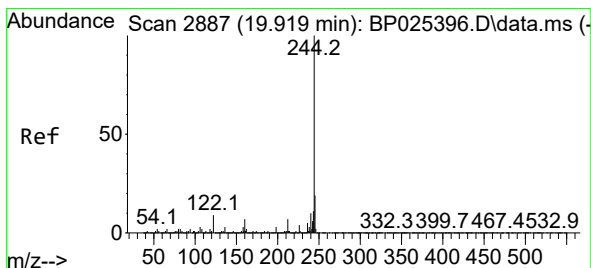
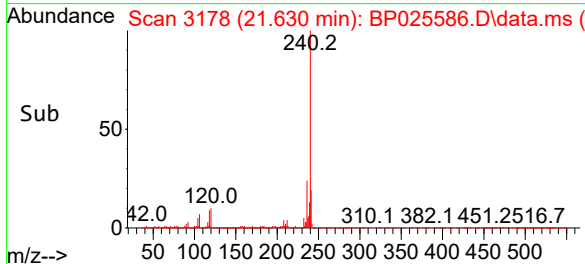
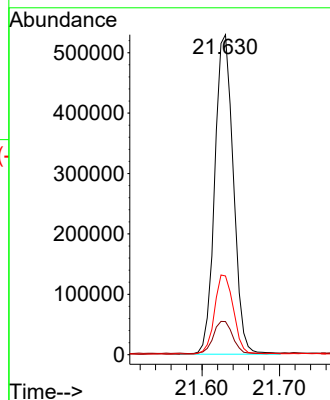
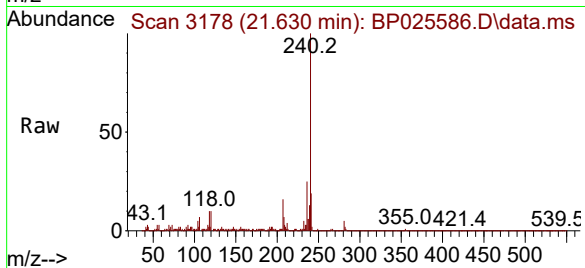
Tgt Ion:240 Resp: 880360

Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 24.6 19.8 29.8



#79

Terphenyl-d14

Concen: 2.519 ng

RT: 19.895 min Scan# 2883

Delta R.T. -0.024 min

Lab File: BP025586.D

Acq: 26 Aug 2025 15:14

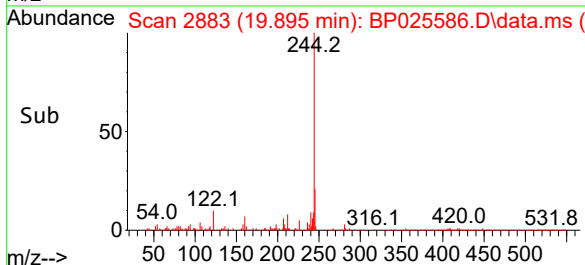
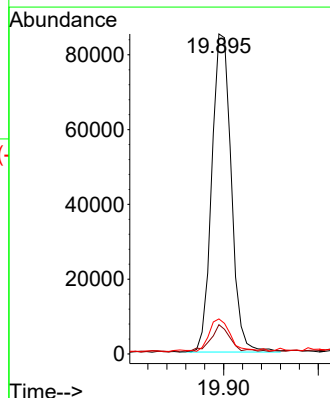
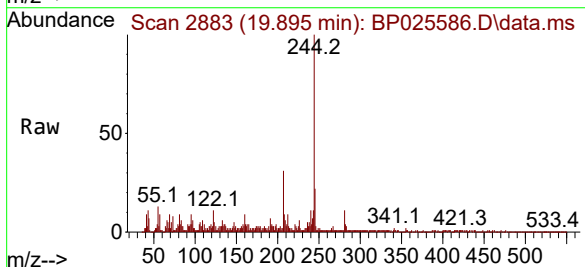
Tgt Ion:244 Resp: 121231

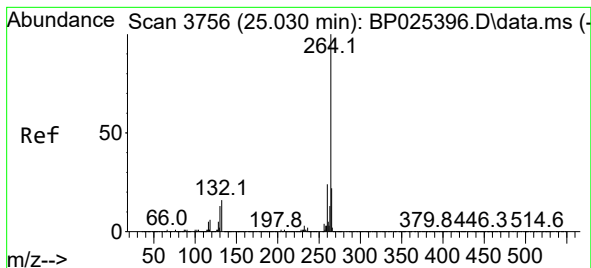
Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.6#

122 11.0 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 31

Delta R.T. -0.041 min

Lab File: BP025586.D

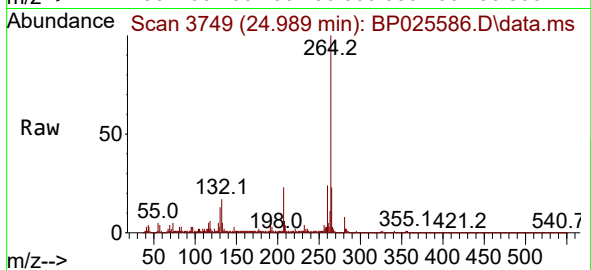
Acq: 26 Aug 2025 15:14

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:264 Resp: 1060519

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 23.1 17.4 26.0

