

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025583.D
 Acq On : 26 Aug 2025 13:10
 Operator : CG/JU
 Sample : Q2924-05DL 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 26 13:34:42 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)

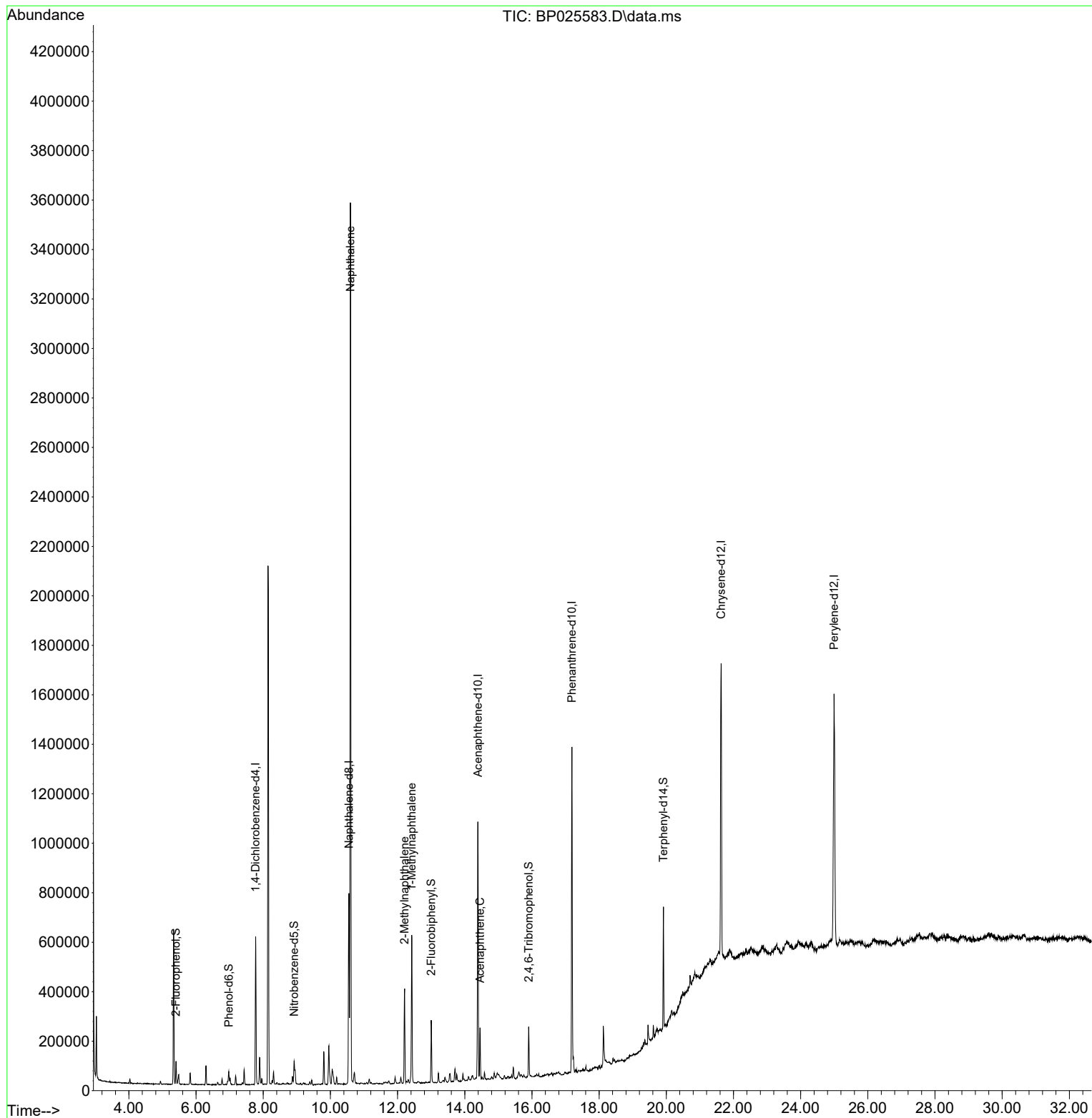
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	167152	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	645100	20.000	ng	-0.01
39) Acenaphthene-d10	14.390	164	403608	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	820492	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	922833	20.000	ng	-0.02
86) Perylene-d12	24.995	264	1102540	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	40260	4.000	ng	0.00
7) Phenol-d6	6.972	99	33165	2.570	ng	0.00
23) Nitrobenzene-d5	8.919	82	54580	4.280	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	40721	7.496	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	133756	4.529	ng	-0.02
79) Terphenyl-d14	19.913	244	234966	4.658	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.596	128	2858419	85.251	ng	100
37) 2-Methylnaphthalene	12.207	142	186794	8.561	ng	97
38) 1-Methylnaphthalene	12.419	142	285682	12.311	ng	99
52) Acenaphthene	14.454	154	77091	3.478	ng	92

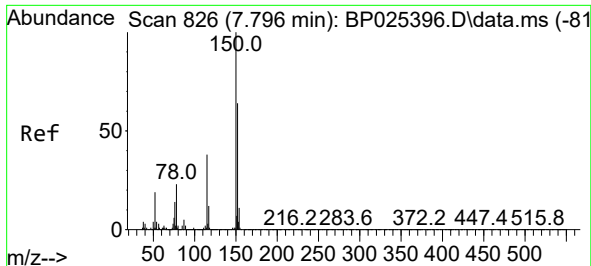
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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Response via : Initial Calibration

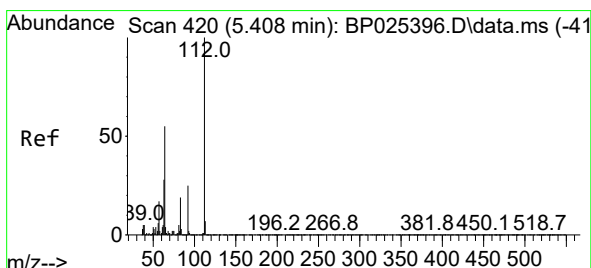
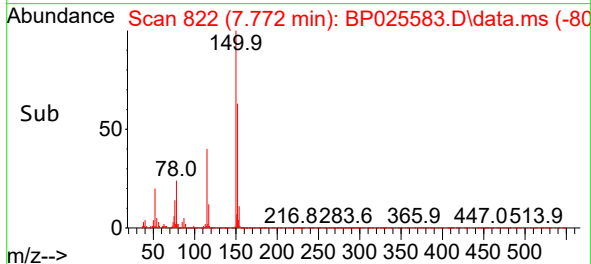
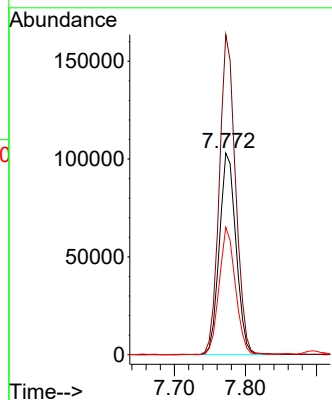
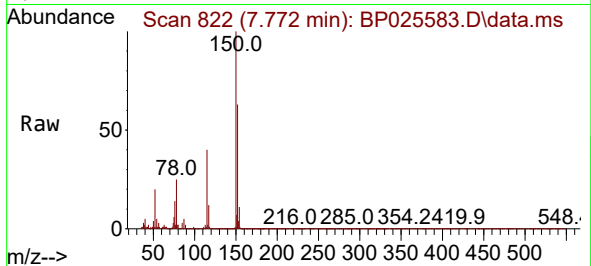




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

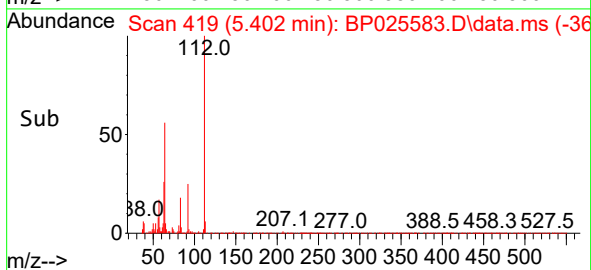
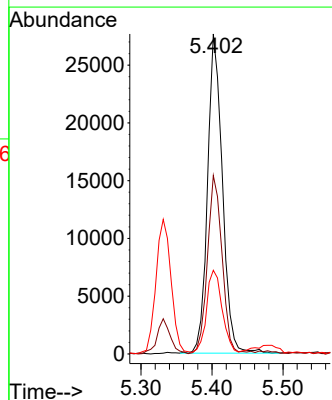
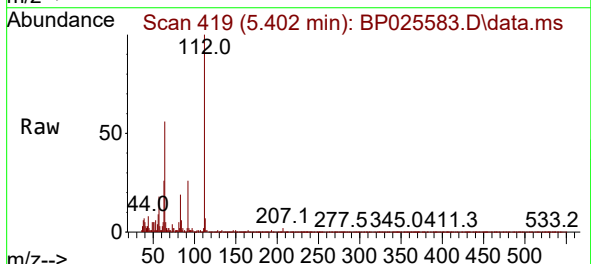
Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

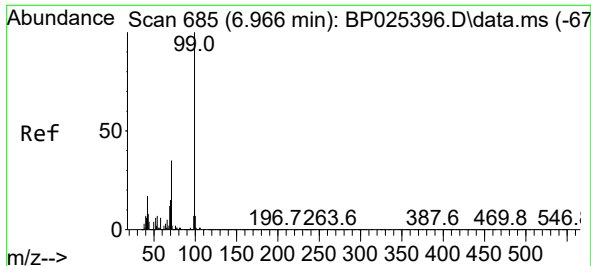
Tgt Ion:152 Resp: 167152
Ion Ratio Lower Upper
152 100
150 158.8 125.9 188.9
115 63.2 48.5 72.7



#5
2-Fluorophenol
Concen: 4.000 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Tgt Ion:112 Resp: 40260
Ion Ratio Lower Upper
112 100
64 55.7 43.8 65.8
63 26.1 22.7 34.1

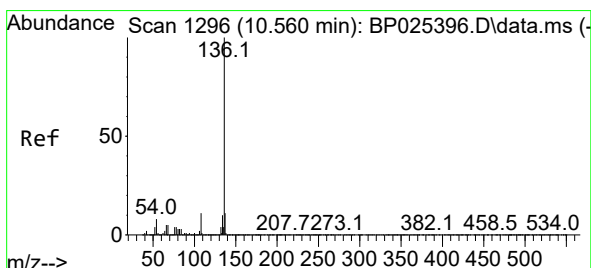
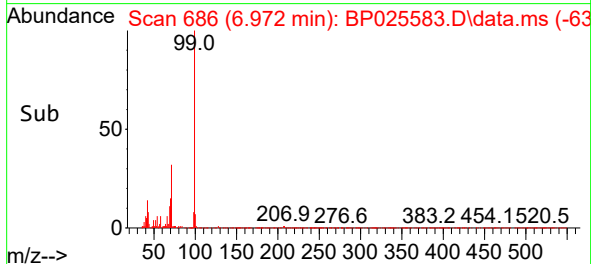
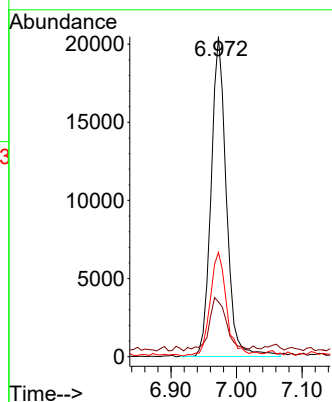
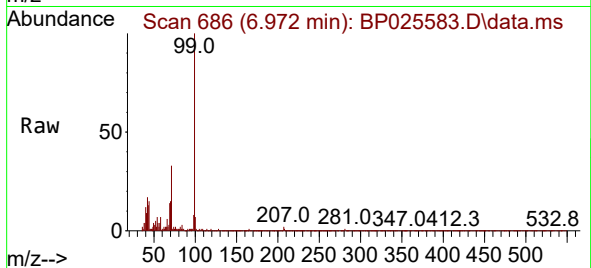




#7
Phenol-d6
Concen: 2.570 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

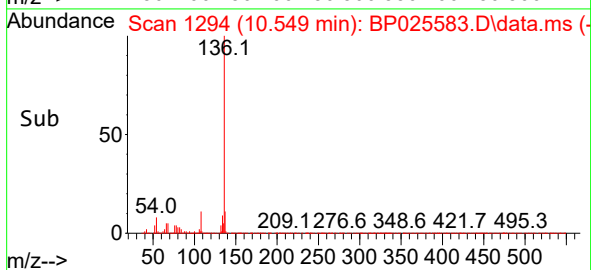
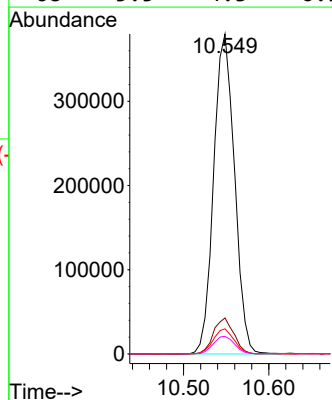
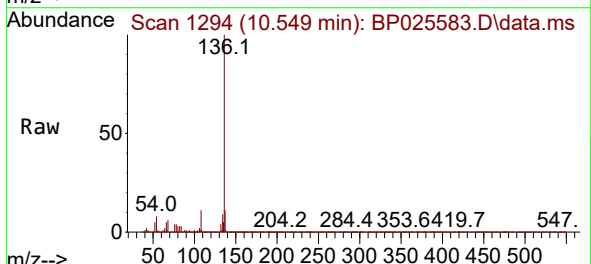
Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

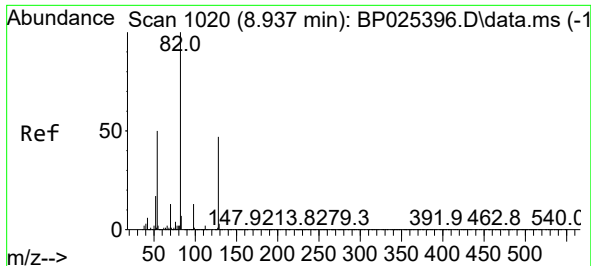
Tgt Ion: 99	Resp: 33165
Ion Ratio	Lower Upper
99 100	
42 17.2	13.7 20.5
71 32.6	28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Tgt Ion: 136	Resp: 645100
Ion Ratio	Lower Upper
136 100	
137 11.2	9.2 13.8
54 7.9	6.0 9.0
68 5.5	4.3 6.5

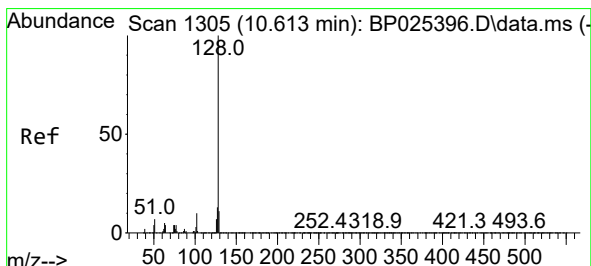
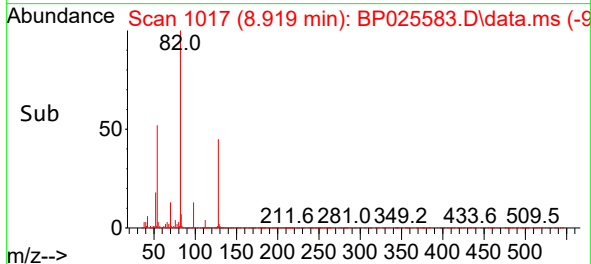
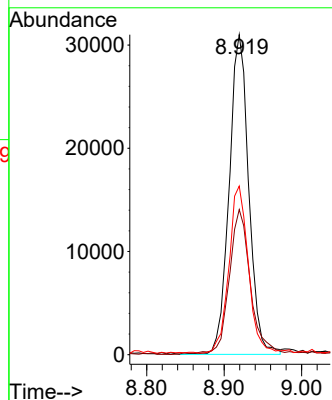
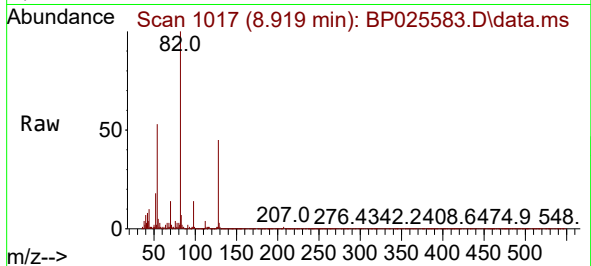




#23
Nitrobenzene-d5
Concen: 4.280 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

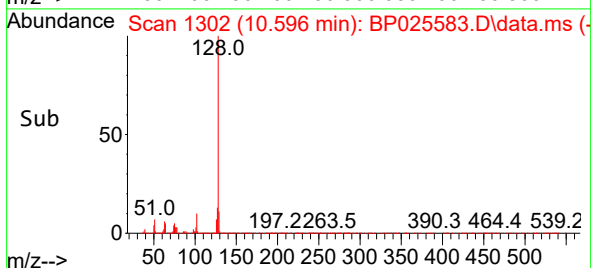
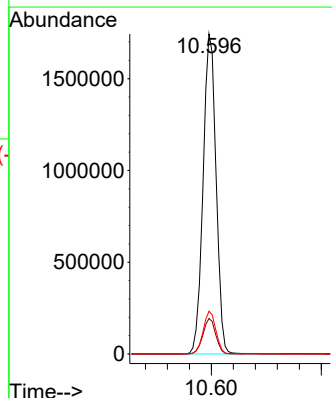
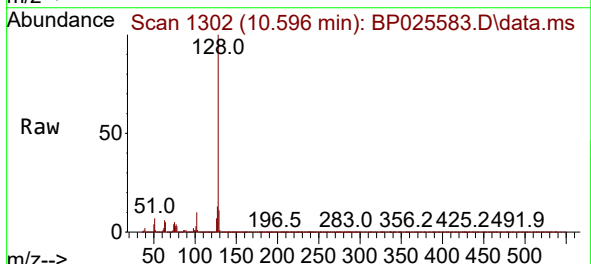
Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

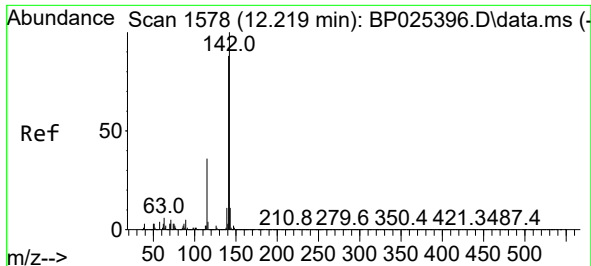
Tgt Ion: 82 Resp: 54580
Ion Ratio Lower Upper
82 100
128 45.3 37.7 56.5
54 52.7 39.8 59.6



#31
Naphthalene
Concen: 85.251 ng
RT: 10.596 min Scan# 1302
Delta R.T. -0.017 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Tgt Ion: 128 Resp: 2858419
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.7 16.1

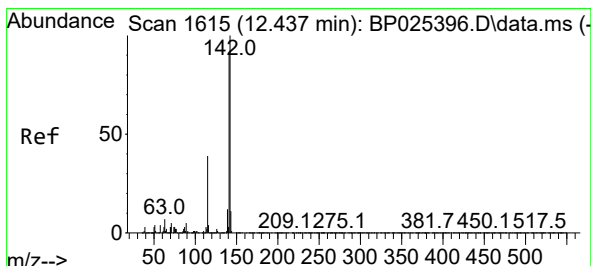
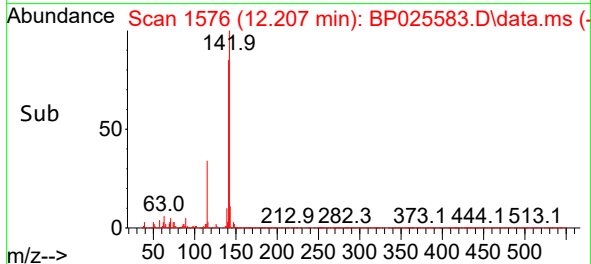
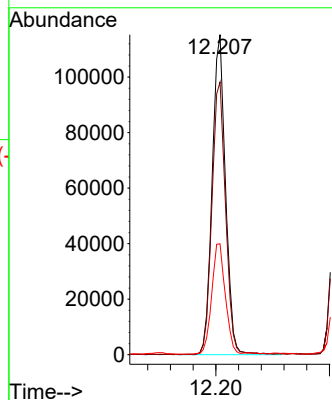
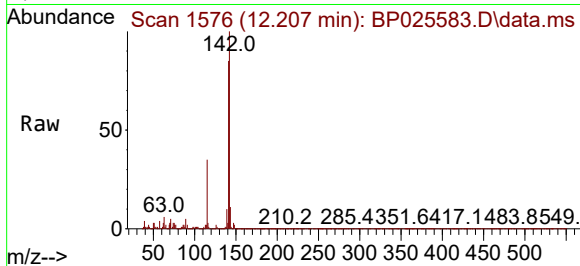




#37
2-Methylnaphthalene
Concen: 8.561 ng
RT: 12.207 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

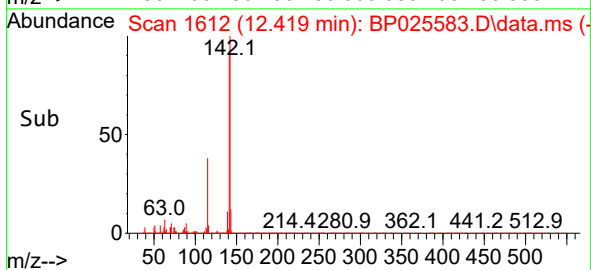
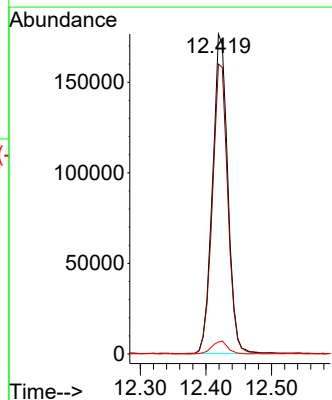
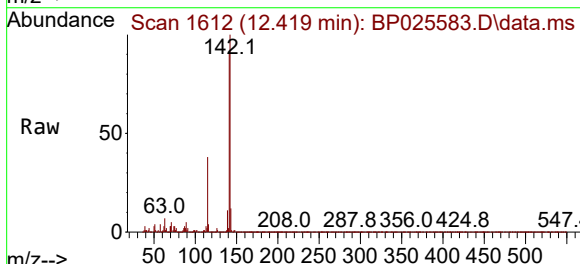
Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL

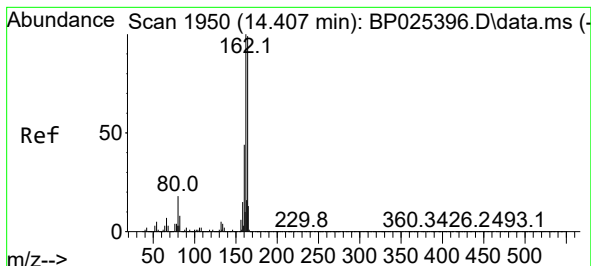
Tgt Ion:142 Resp: 186794
Ion Ratio Lower Upper
142 100
141 85.2 70.3 105.5
115 34.6 28.9 43.3



#38
1-Methylnaphthalene
Concen: 12.311 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.017 min
Lab File: BP025583.D
Acq: 26 Aug 2025 13:10

Tgt Ion:142 Resp: 285682
Ion Ratio Lower Upper
142 100
141 90.6 73.1 109.7
116 3.7 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.390 min Scan# 1947

Delta R.T. -0.017 min

Lab File: BP025583.D

Acq: 26 Aug 2025 13:10

Instrument :

BNA_P

ClientSampleId :

MW-2B-082025DL

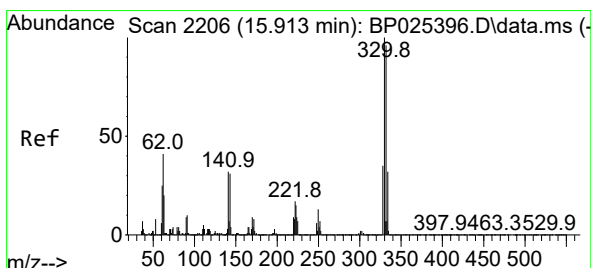
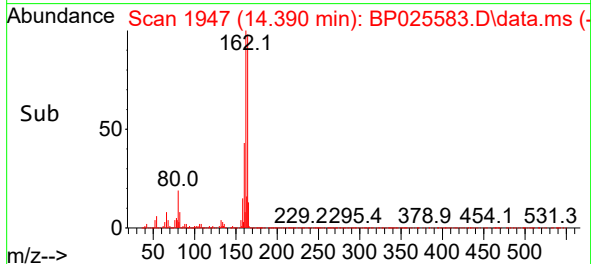
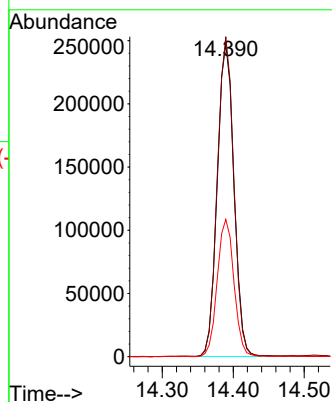
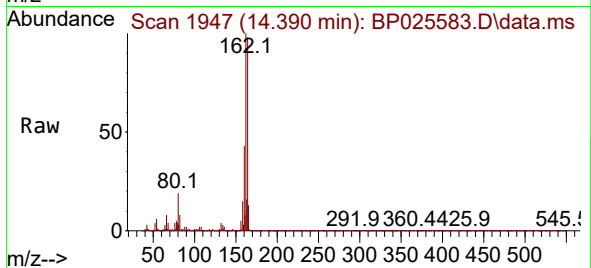
Tgt Ion:164 Resp: 403608

Ion Ratio Lower Upper

164 100

162 102.4 81.0 121.6

160 43.9 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 7.496 ng

RT: 15.901 min Scan# 2204

Delta R.T. -0.012 min

Lab File: BP025583.D

Acq: 26 Aug 2025 13:10

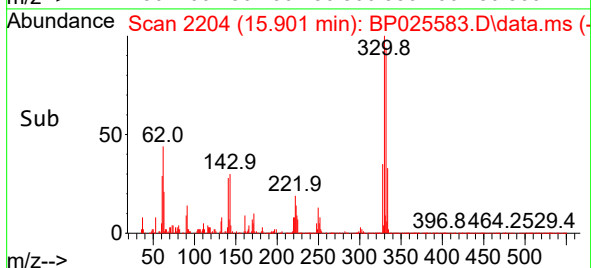
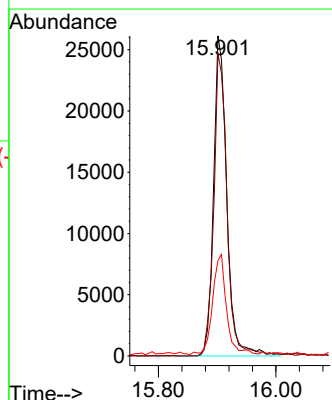
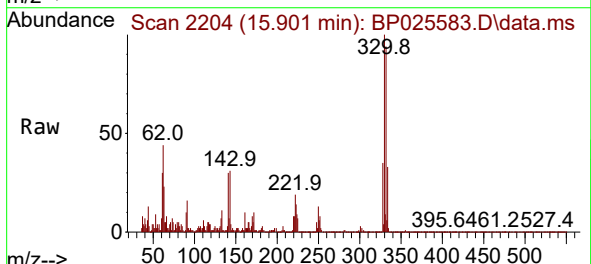
Tgt Ion:330 Resp: 40721

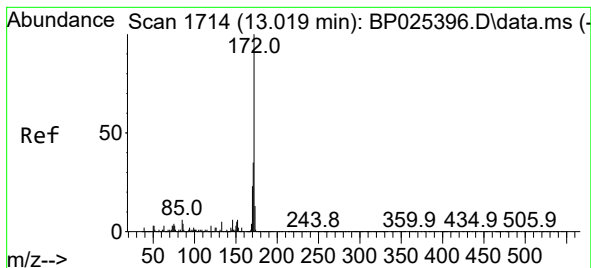
Ion Ratio Lower Upper

330 100

332 94.7 77.3 115.9

141 32.7 26.6 39.8





#45

2-Fluorobiphenyl

Concen: 4.529 ng

RT: 13.001 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP025583.D

Acq: 26 Aug 2025 13:10

Instrument :

BNA_P

ClientSampleId :

MW-2B-082025DL

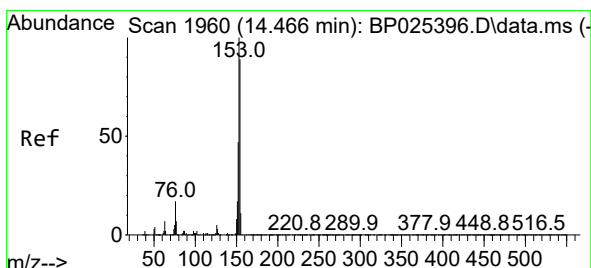
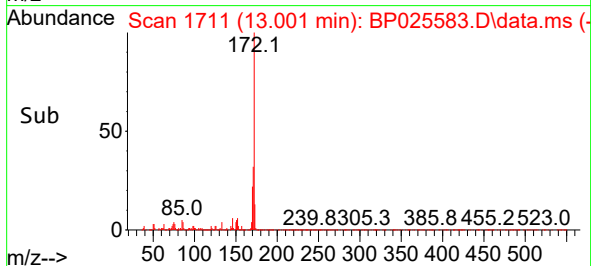
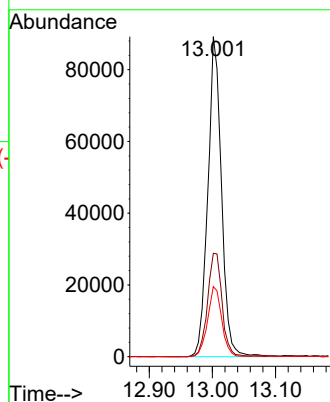
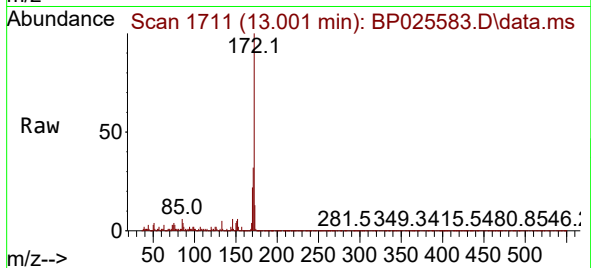
Tgt Ion:172 Resp: 133756

Ion Ratio Lower Upper

172 100

171 32.3 28.1 42.1

170 21.9 18.6 28.0



#52

Acenaphthene

Concen: 3.478 ng

RT: 14.454 min Scan# 1958

Delta R.T. -0.012 min

Lab File: BP025583.D

Acq: 26 Aug 2025 13:10

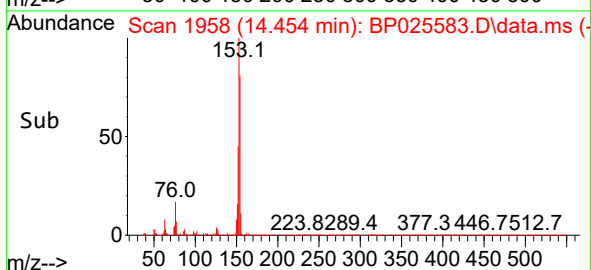
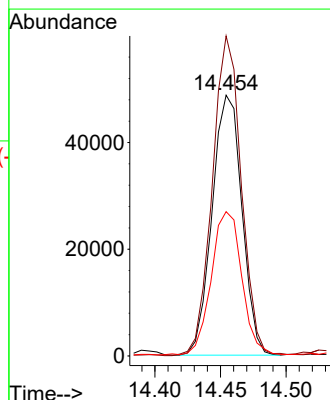
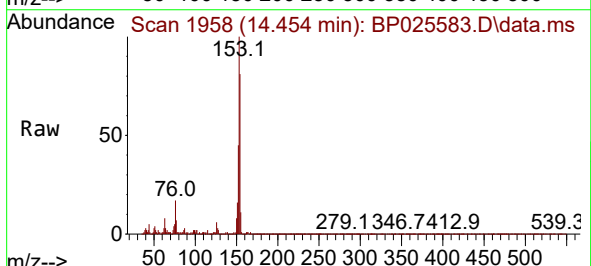
Tgt Ion:154 Resp: 77091

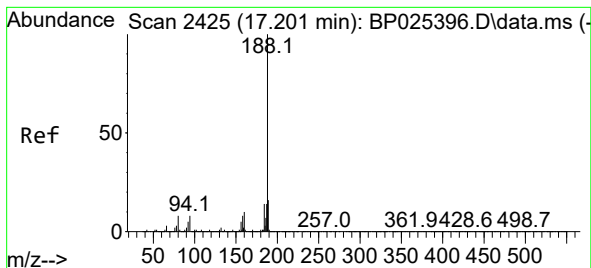
Ion Ratio Lower Upper

154 100

153 122.7 90.2 135.2

152 55.3 42.1 63.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP025583.D

Acq: 26 Aug 2025 13:10

Instrument :

BNA_P

ClientSampleId :

MW-2B-082025DL

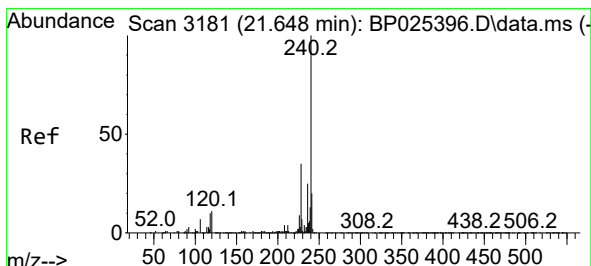
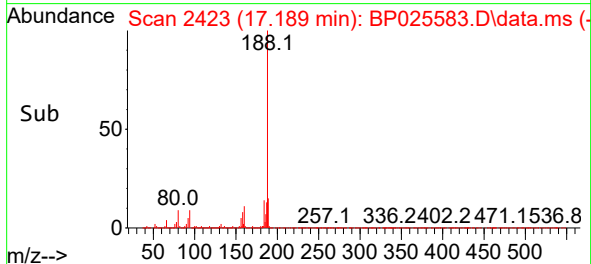
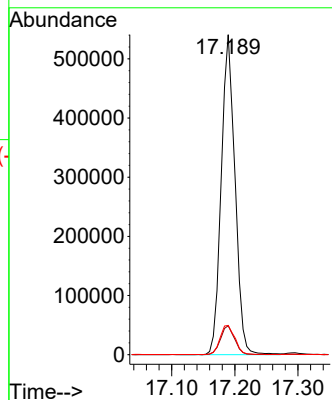
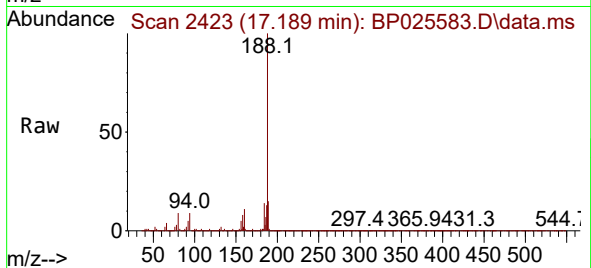
Tgt Ion:188 Resp: 820492

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

80 9.1 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.017 min

Lab File: BP025583.D

Acq: 26 Aug 2025 13:10

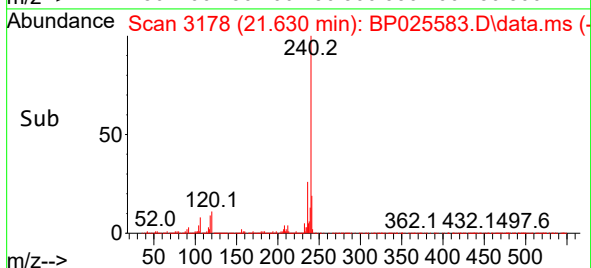
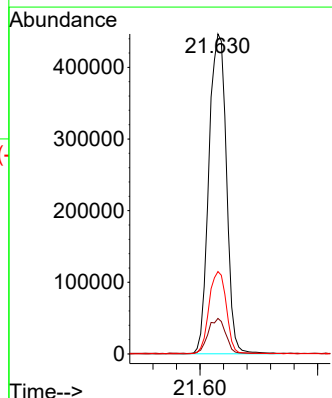
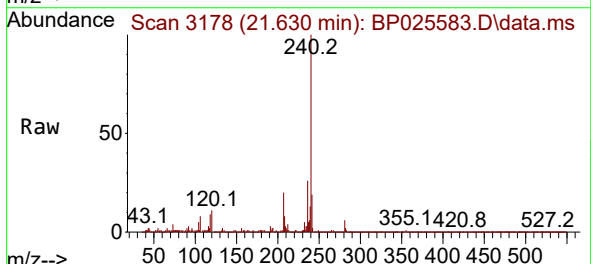
Tgt Ion:240 Resp: 922833

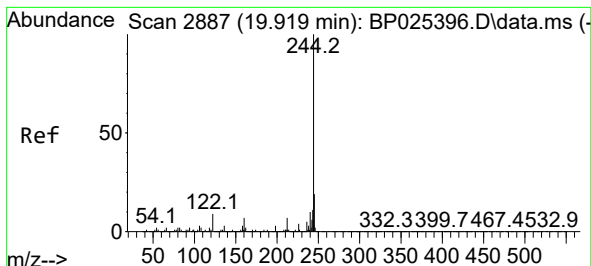
Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 4.658 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025583.D

Acq: 26 Aug 2025 13:10

Instrument :

BNA_P

ClientSampleId :

MW-2B-082025DL

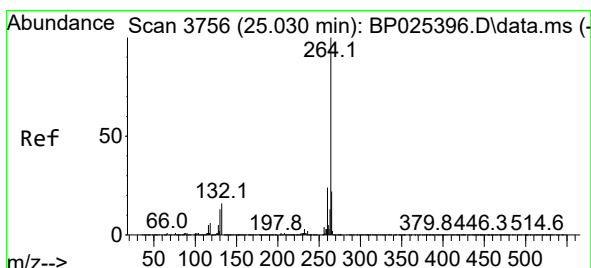
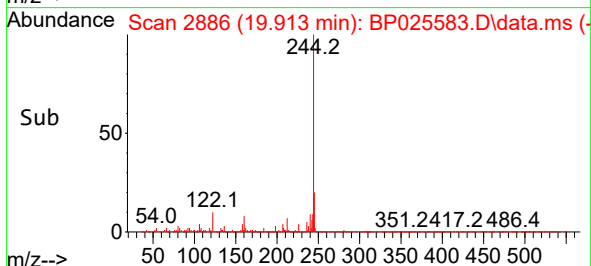
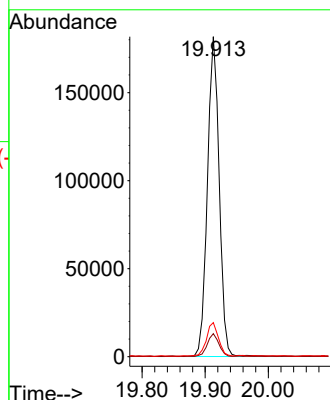
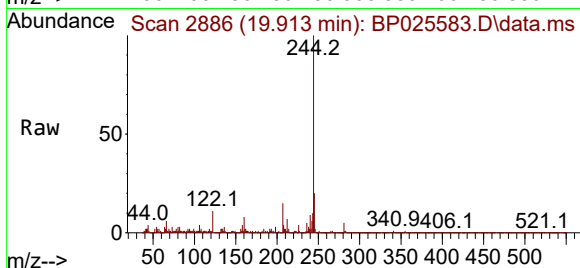
Tgt Ion:244 Resp: 234966

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.6 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 3750

Delta R.T. -0.035 min

Lab File: BP025583.D

Acq: 26 Aug 2025 13:10

Tgt Ion:264 Resp: 1102540

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.1 17.4 26.0

