

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
 Data File : BP025796.D
 Acq On : 19 Sep 2025 13:01
 Operator : CG/JU
 Sample : Q3108-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW2

Quant Time: Sep 19 13:23:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

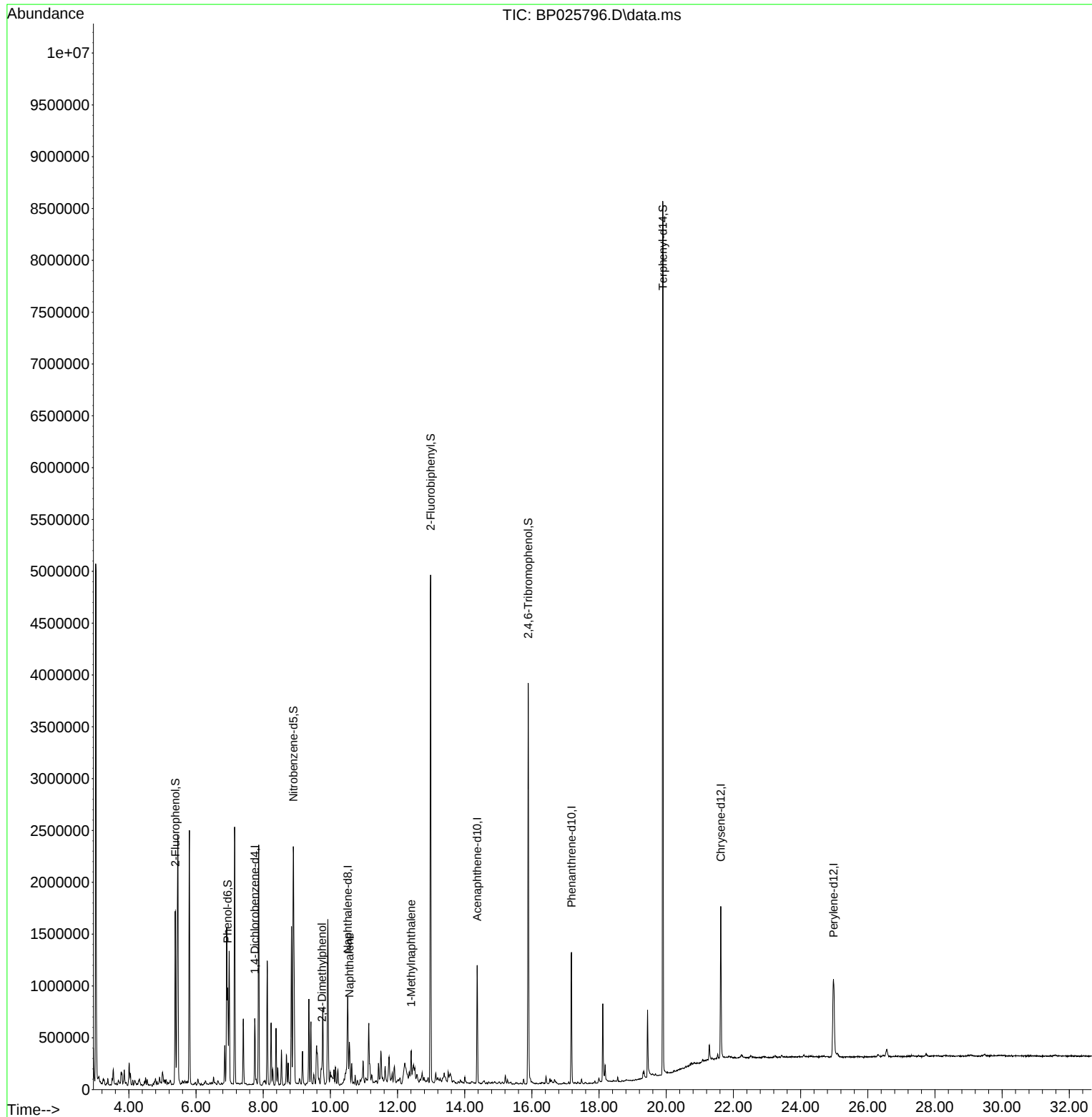
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	165881	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	650117	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	426439	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	855270	20.000	ng	0.00
76) Chrysene-d12	21.624	240	903003	20.000	ng	-0.02
86) Perylene-d12	24.983	264	964980	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	764877	74.401	ng	0.00
7) Phenol-d6	6.943	99	586055	42.888	ng	0.00
23) Nitrobenzene-d5	8.896	82	1370645	92.999	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	774413	145.594	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2867026	89.520	ng	0.00
79) Terphenyl-d14	19.895	244	4227832	84.228	ng	-0.02
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.749	122	37354	3.627	ng	# 89
31) Naphthalene	10.566	128	116338	3.319	ng	# 87
38) 1-Methylnaphthalene	12.401	142	76940	3.205	ng	# 98

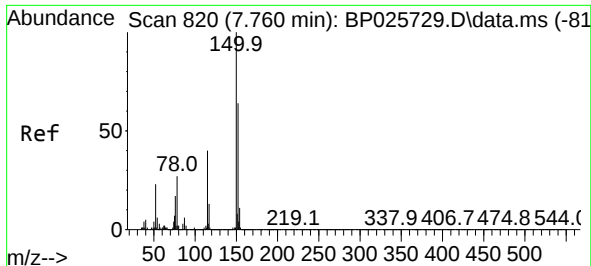
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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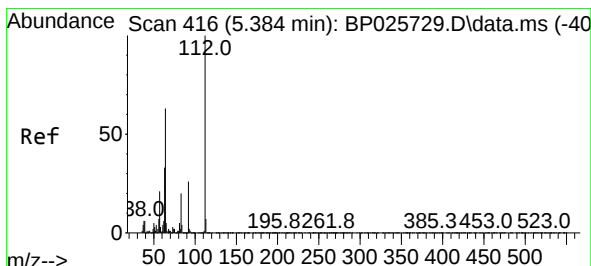
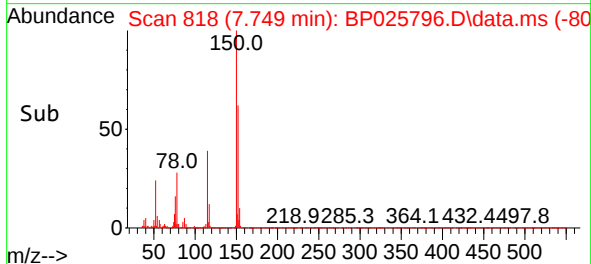
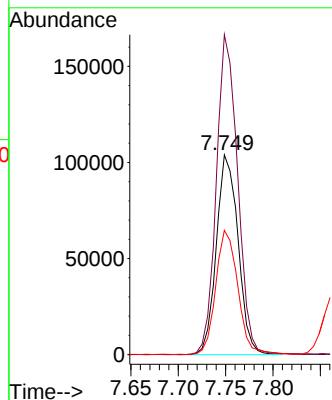
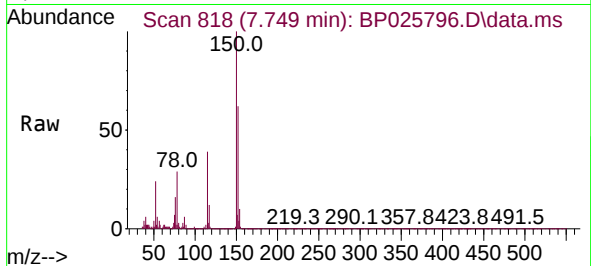




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

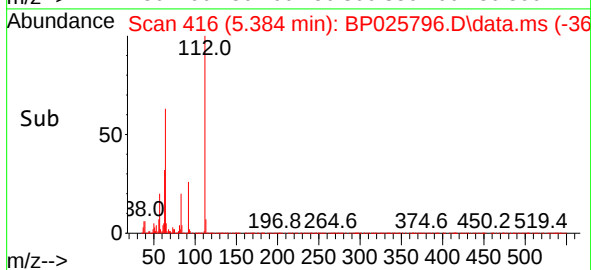
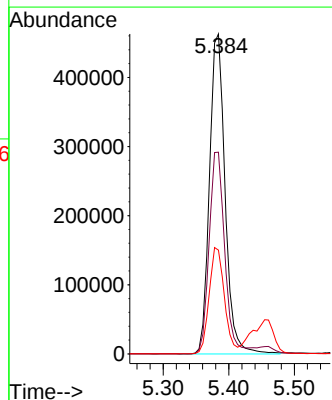
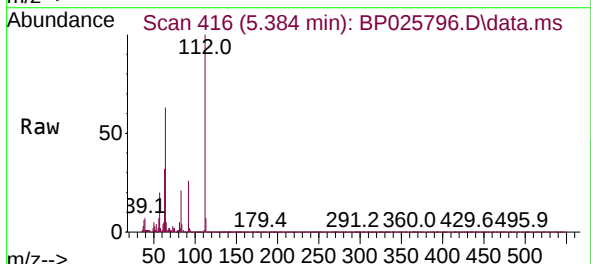
Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion:152 Resp: 165881
Ion Ratio Lower Upper
152 100
150 160.2 124.3 186.5
115 62.2 50.3 75.5



#5
2-Fluorophenol
Concen: 74.401 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:112 Resp: 764877
Ion Ratio Lower Upper
112 100
64 63.0 50.2 75.4
63 32.4 26.7 40.1

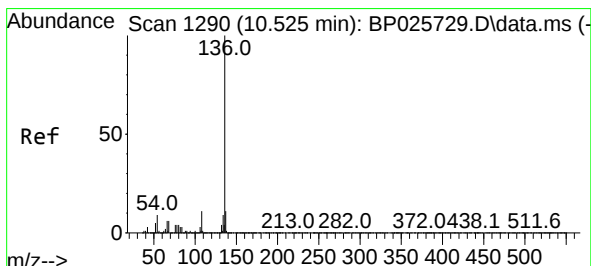
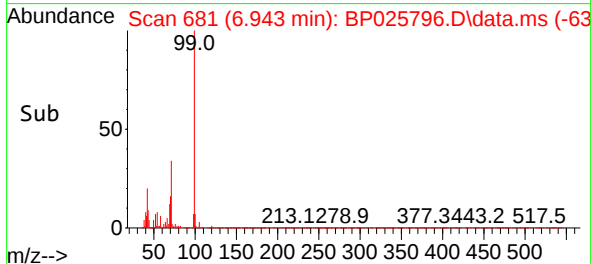
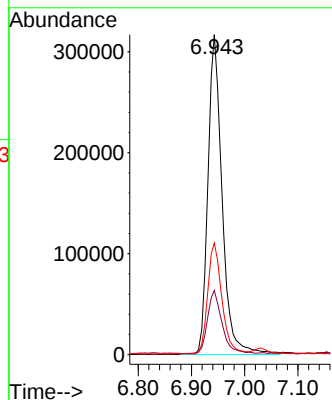
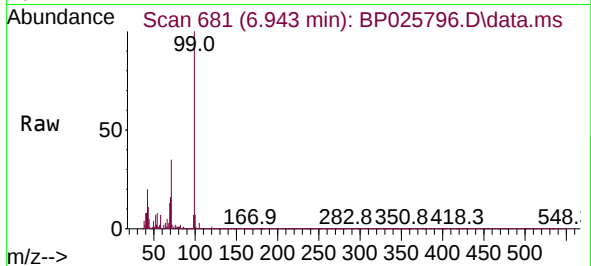




#7
Phenol-d6
Concen: 42.888 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

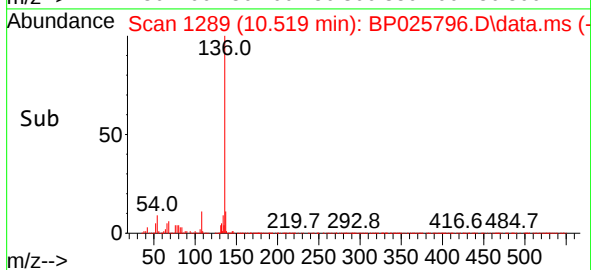
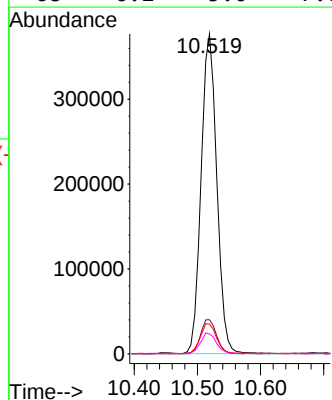
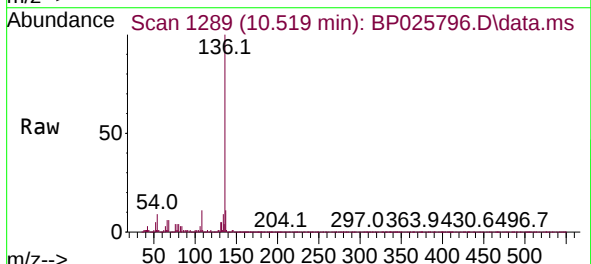
Instrument :
BNA_P
ClientSampleId :
MW2

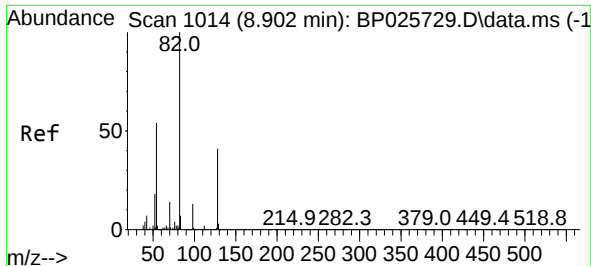
Tgt Ion: 99 Resp: 586055
Ion Ratio Lower Upper
99 100
42 20.0 15.6 23.4
71 34.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:136 Resp: 650117
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.3 7.5 11.3
68 6.2 5.0 7.6

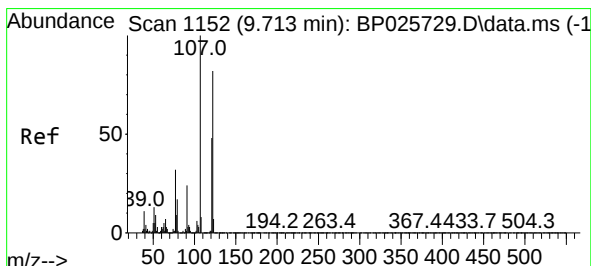
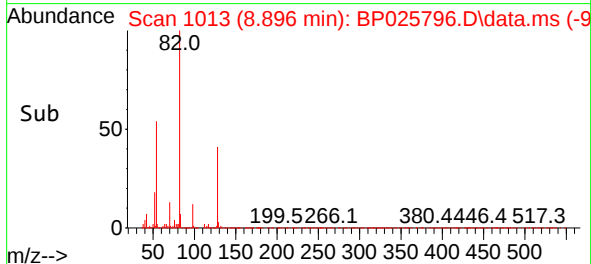
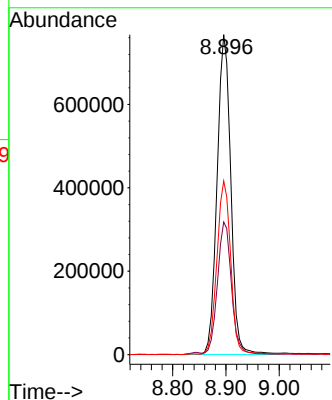
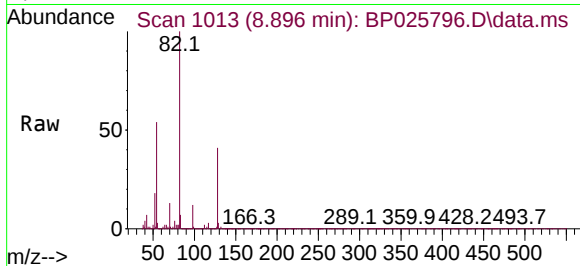




#23
Nitrobenzene-d5
Concen: 92.999 ng
RT: 8.896 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

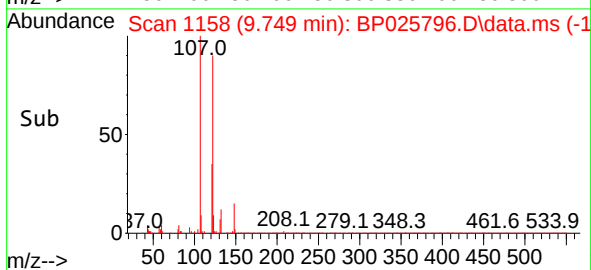
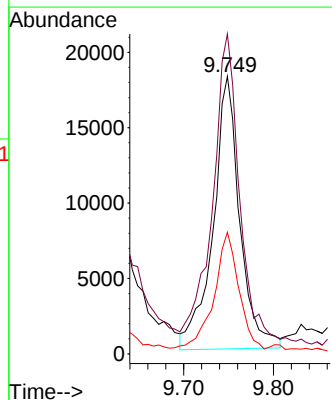
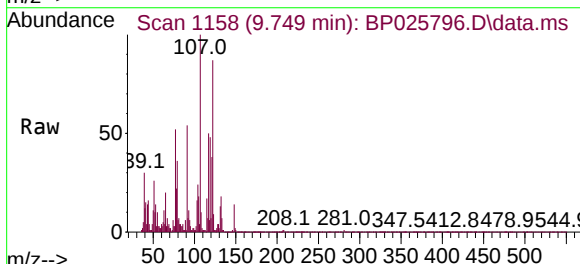
Instrument :
BNA_P
ClientSampleId :
MW2

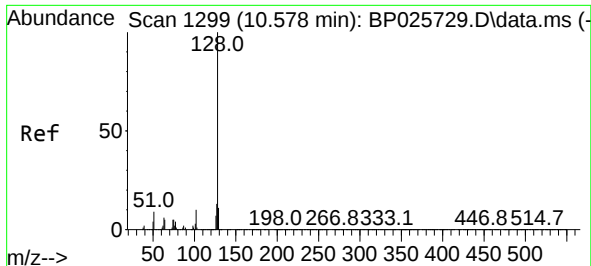
Tgt Ion: 82 Resp: 1370645
Ion Ratio Lower Upper
82 100
128 41.4 32.9 49.3
54 54.3 43.4 65.2



#27
2,4-Dimethylphenol
Concen: 3.627 ng
RT: 9.749 min Scan# 1158
Delta R.T. 0.035 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:122 Resp: 37354
Ion Ratio Lower Upper
122 100
107 115.3 97.9 146.9
121 43.8 47.4 71.0#

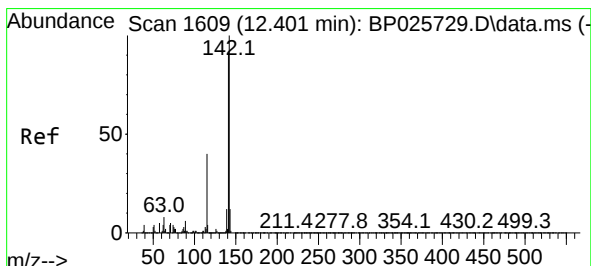
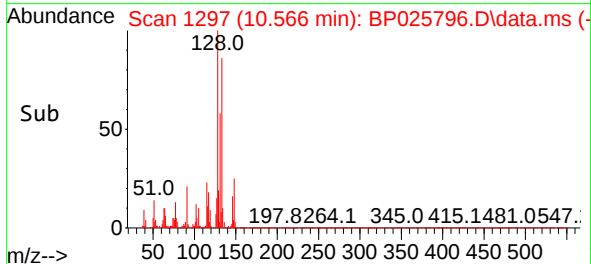
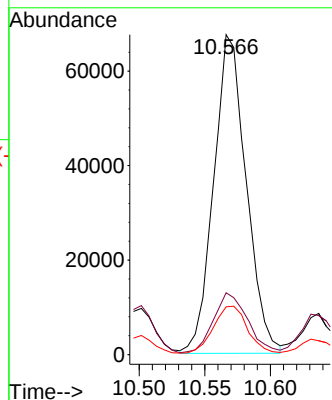
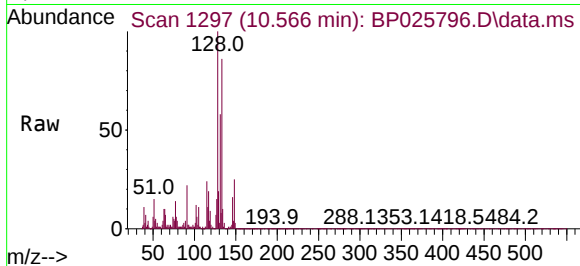




#31
Naphthalene
Concen: 3.319 ng
RT: 10.566 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

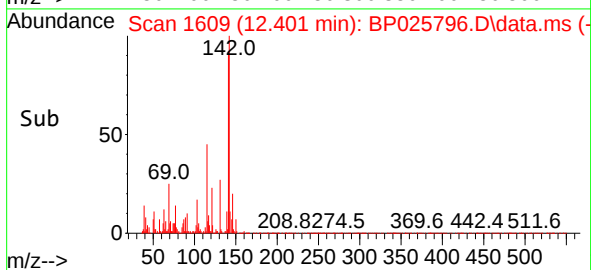
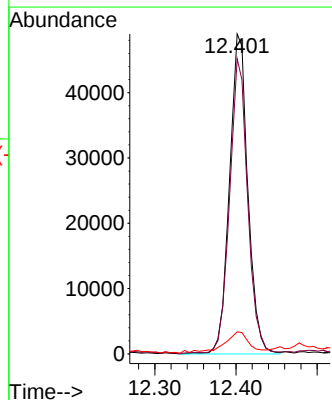
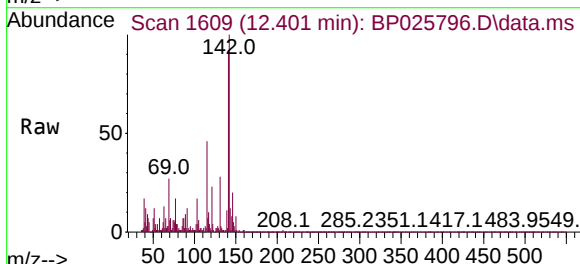
Instrument :
BNA_P
ClientSampleId :
MW2

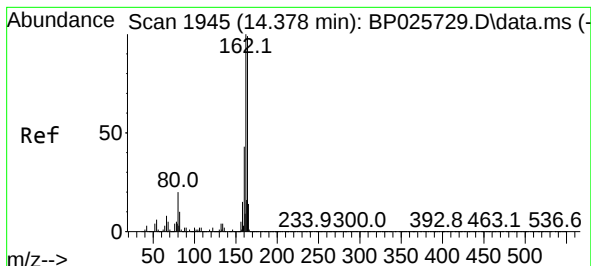
Tgt Ion:128 Resp: 116338
Ion Ratio Lower Upper
128 100
129 19.4 8.6 12.8#
127 14.9 10.2 15.4



#38
1-Methylnaphthalene
Concen: 3.205 ng
RT: 12.401 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:142 Resp: 76940
Ion Ratio Lower Upper
142 100
141 92.2 72.7 109.1
116 6.9 3.5 5.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP025796.D

Acq: 19 Sep 2025 13:01

Instrument :

BNA_P

ClientSampleId :

MW2

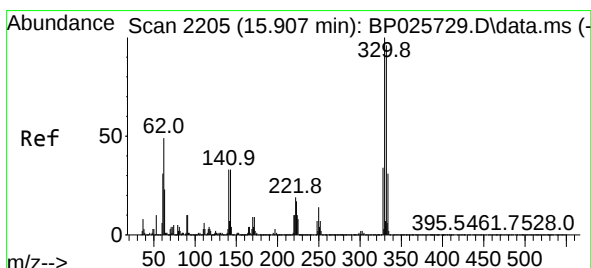
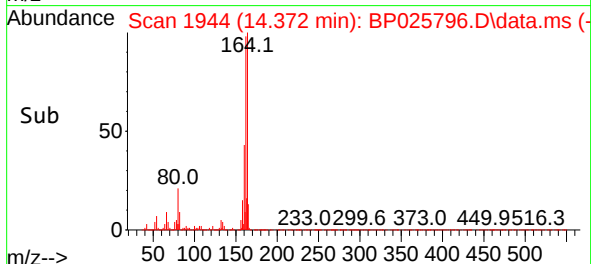
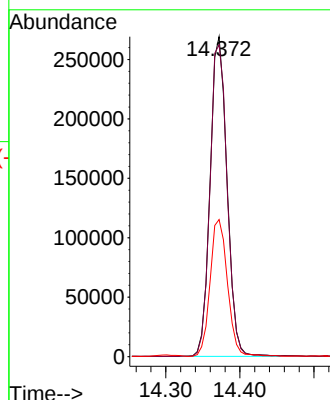
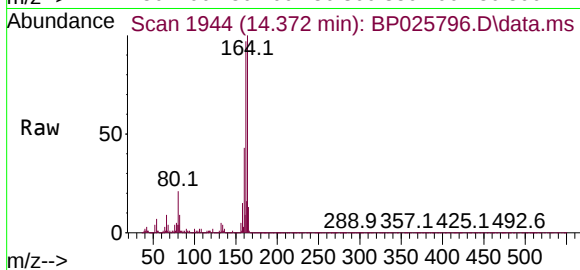
Tgt Ion:164 Resp: 426439

Ion Ratio Lower Upper

164 100

162 97.4 80.6 120.8

160 42.8 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 145.594 ng

RT: 15.889 min Scan# 2202

Delta R.T. -0.018 min

Lab File: BP025796.D

Acq: 19 Sep 2025 13:01

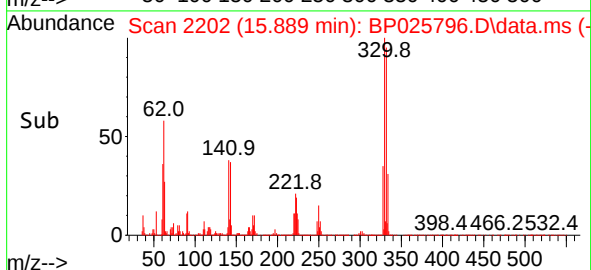
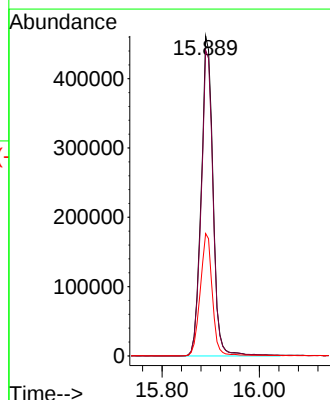
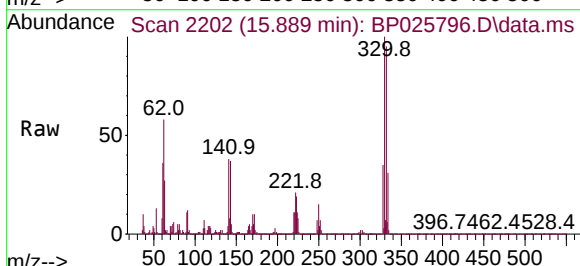
Tgt Ion:330 Resp: 774413

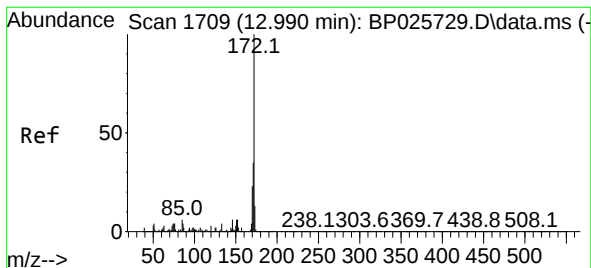
Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

141 38.9 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 89.520 ng

RT: 12.984 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025796.D

Acq: 19 Sep 2025 13:01

Instrument :

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ClientSampleId :

MW2

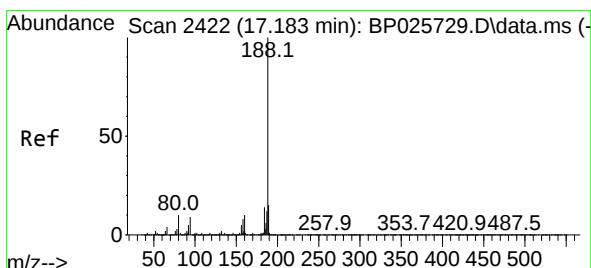
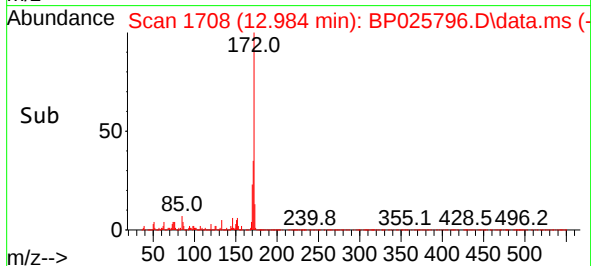
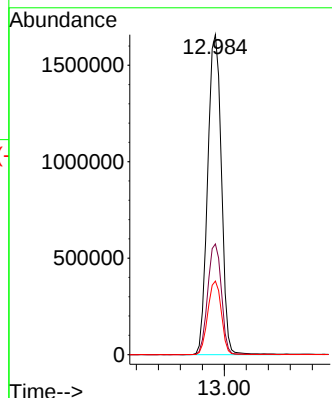
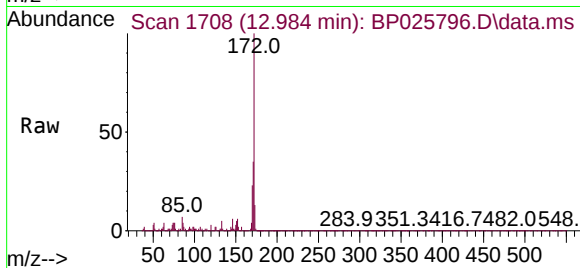
Tgt Ion:172 Resp: 2867026

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 23.0 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.178 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP025796.D

Acq: 19 Sep 2025 13:01

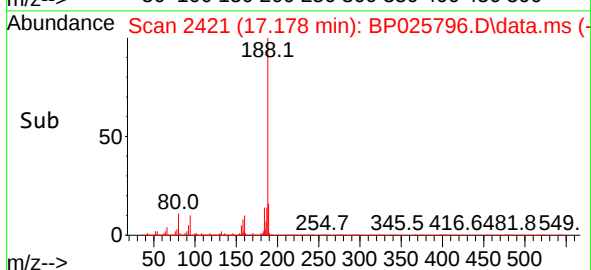
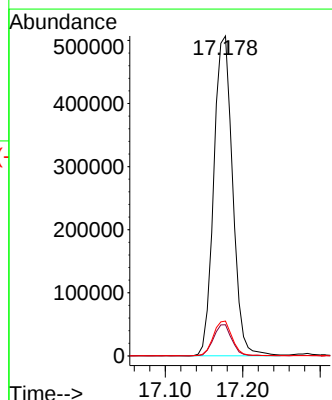
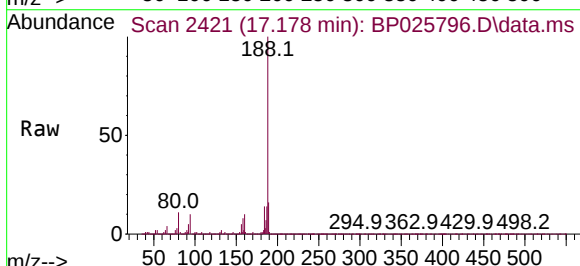
Tgt Ion:188 Resp: 855270

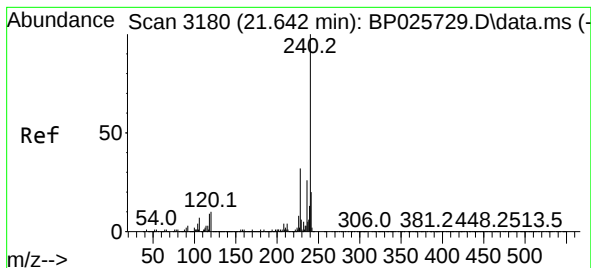
Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.0

80 10.9 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025796.D

Acq: 19 Sep 2025 13:01

Instrument :

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MW2

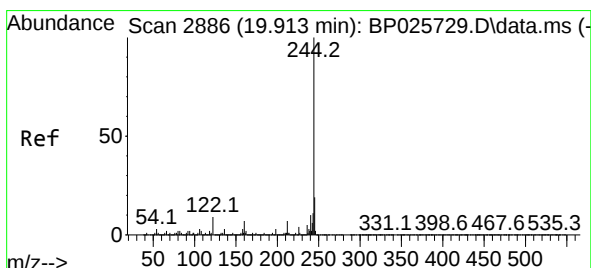
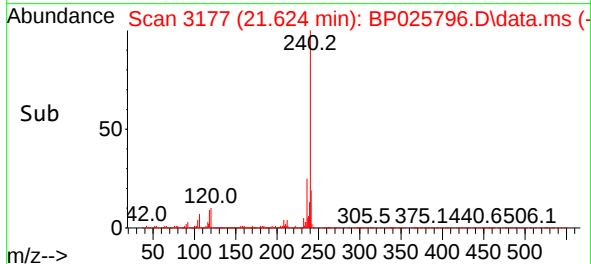
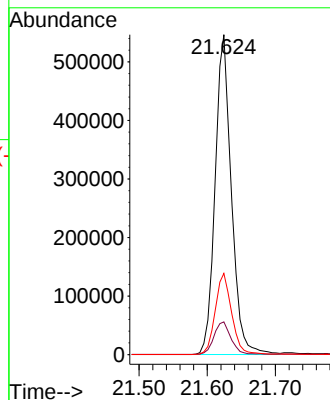
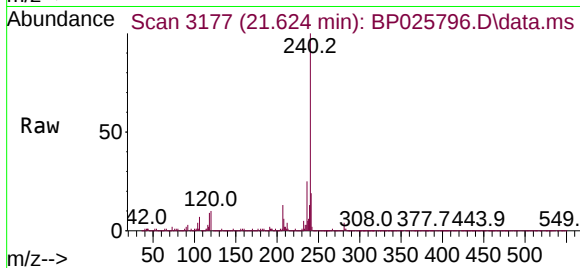
Tgt Ion:240 Resp: 903003

Ion Ratio Lower Upper

240 100

120 10.2 8.0 12.0

236 25.4 20.7 31.1



#79

Terphenyl-d14

Concen: 84.228 ng

RT: 19.895 min Scan# 2883

Delta R.T. -0.018 min

Lab File: BP025796.D

Acq: 19 Sep 2025 13:01

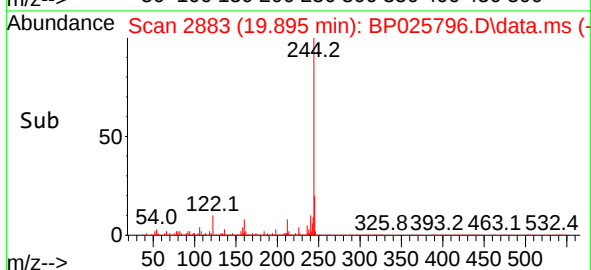
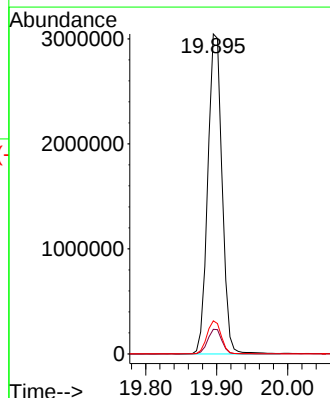
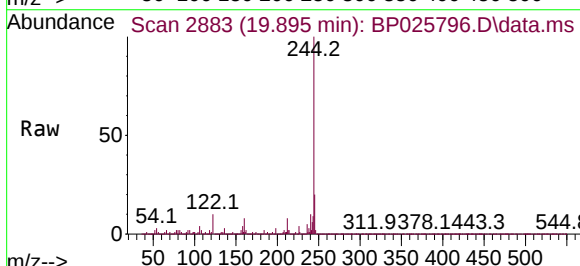
Tgt Ion:244 Resp: 4227832

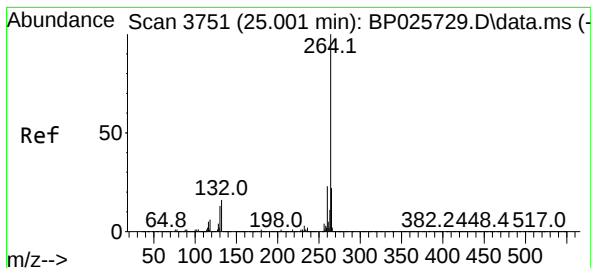
Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 10.3 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.983 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025796.D

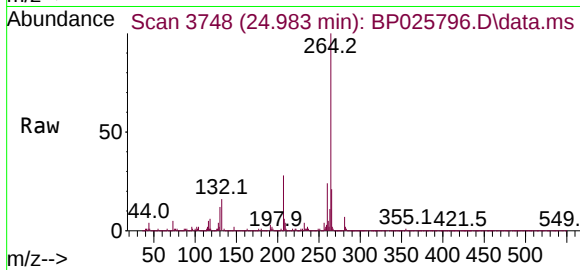
Acq: 19 Sep 2025 13:01

Instrument :

BNA_P

ClientSampleId :

MW2



Tgt Ion:264 Resp: 964980

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.4 17.3 25.9

