

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024659.D
 Acq On : 16 May 2025 16:17
 Operator : RC/JU
 Sample : Q1993-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1-20250508

Quant Time: May 16 16:56:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	149432	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	637785	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	420480	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	840783	20.000	ng	0.00
76) Chrysene-d12	21.527	240	896643	20.000	ng	0.00
86) Perylene-d12	24.809	264	1065206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	632963	72.448	ng	0.02
7) Phenol-d6	6.893	99	514657	46.155	ng	0.04
23) Nitrobenzene-d5	8.810	82	1087254	86.134	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	1146657	160.859	ng	0.01
45) 2-Fluorobiphenyl	12.910	172	2702649	84.209	ng	0.00
79) Terphenyl-d14	19.821	244	4337027	82.939	ng	0.01

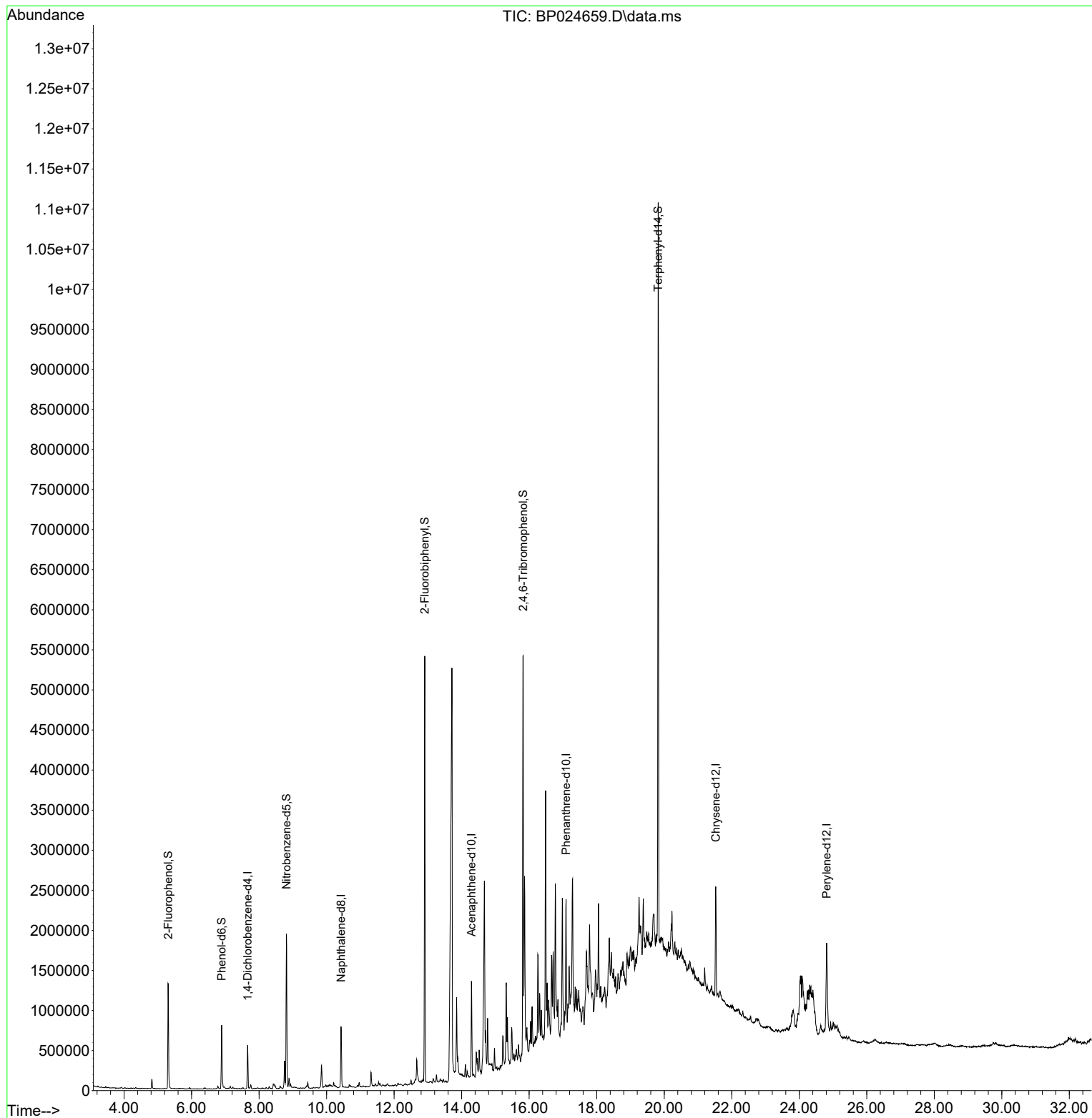
Target Compounds	Qvalue

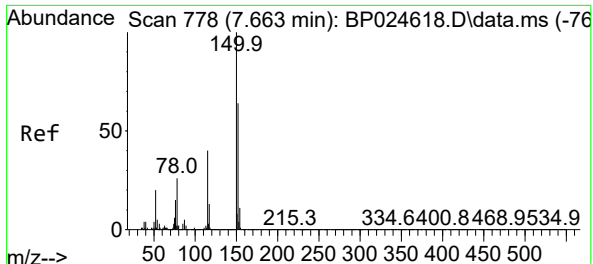
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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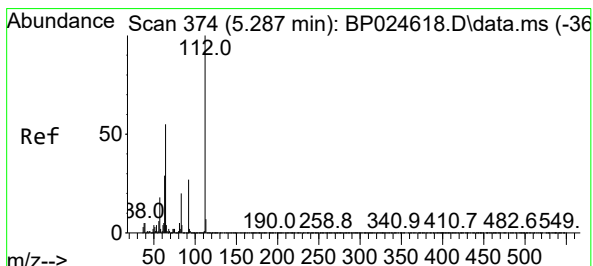
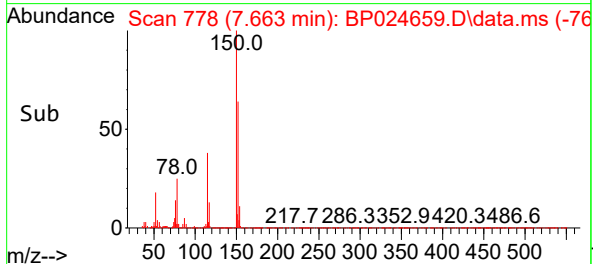
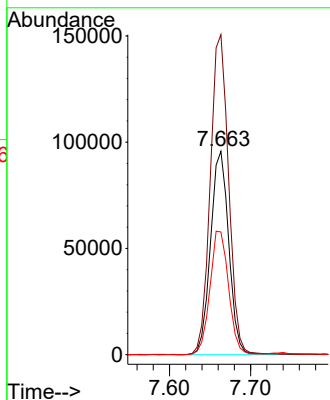
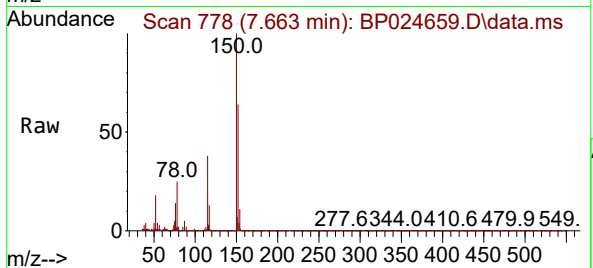




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

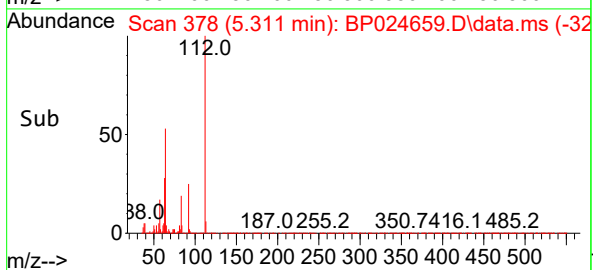
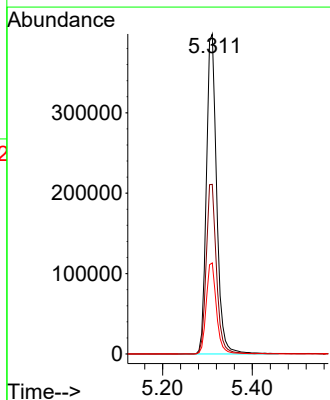
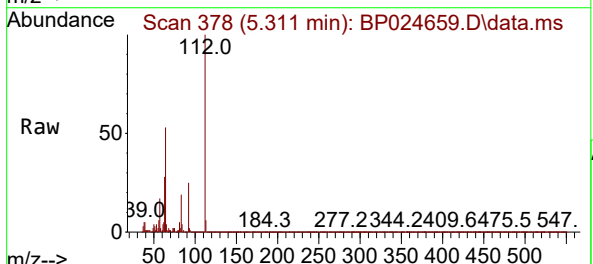
Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

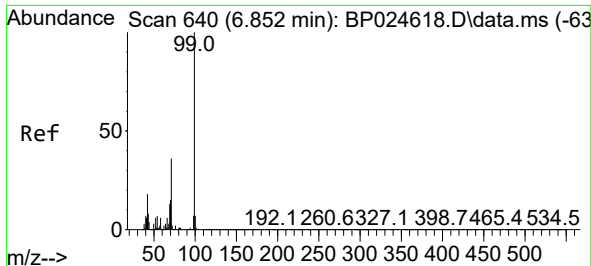
Tgt Ion:152 Resp: 149432
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 60.3 50.1 75.1



#5
2-Fluorophenol
Concen: 72.448 ng
RT: 5.311 min Scan# 378
Delta R.T. 0.023 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:112 Resp: 632963
Ion Ratio Lower Upper
112 100
64 53.0 44.1 66.1
63 28.4 23.5 35.3

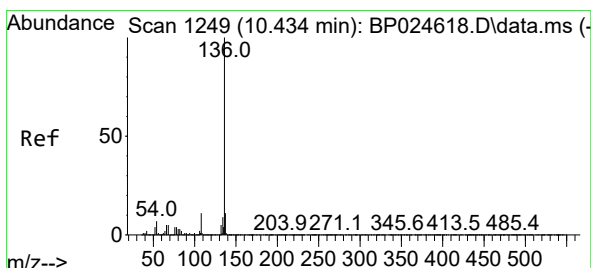
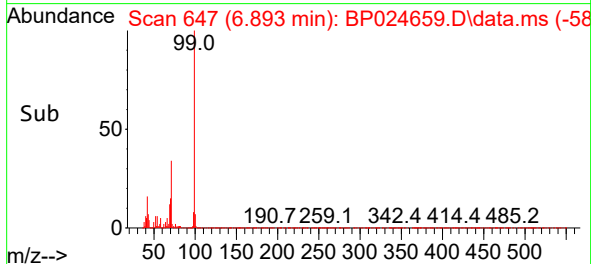
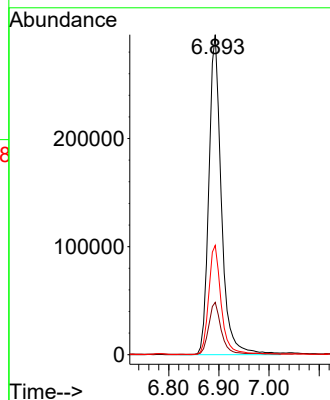
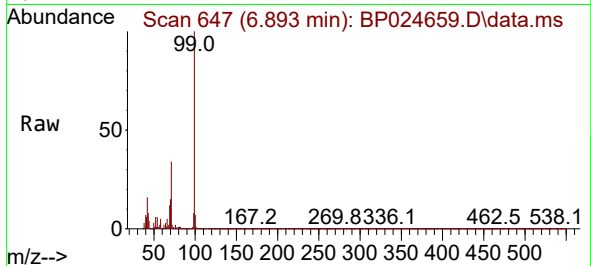




#7
Phenol-d6
Concen: 46.155 ng
RT: 6.893 min Scan# 64
Delta R.T. 0.041 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

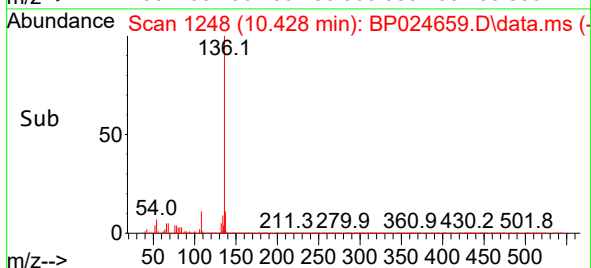
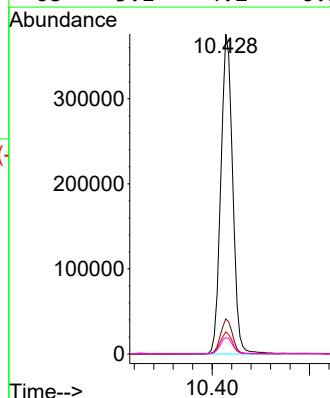
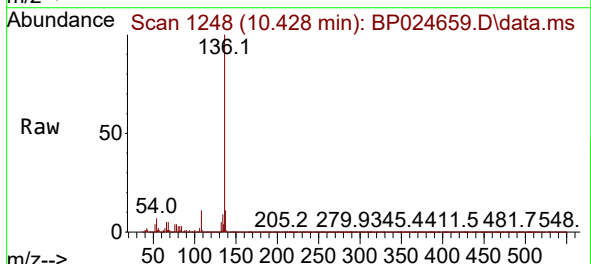
Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

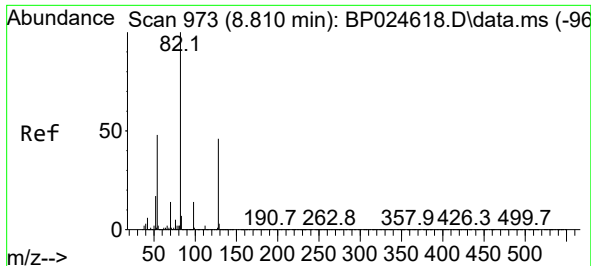
Tgt Ion: 99 Resp: 514657
Ion Ratio Lower Upper
99 100
42 16.4 14.4 21.6
71 34.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:136 Resp: 637785
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.9 5.5 8.3
68 5.1 4.2 6.2

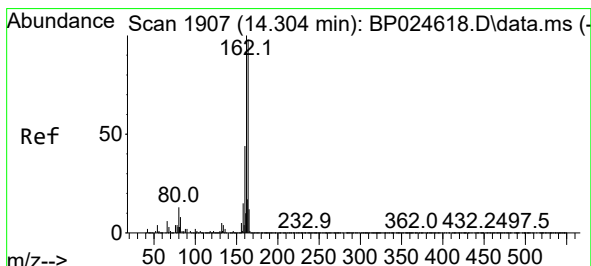
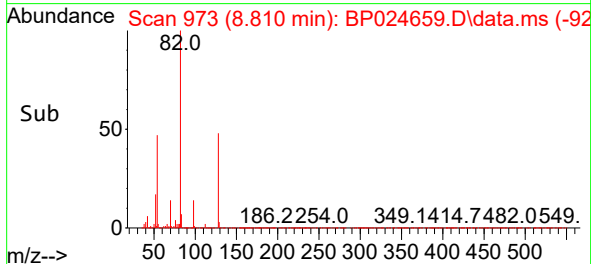
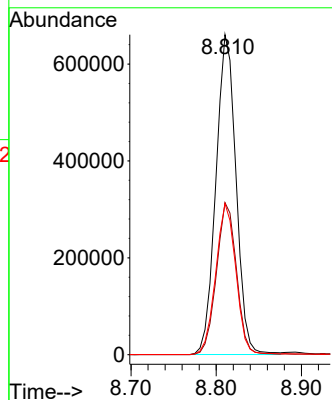
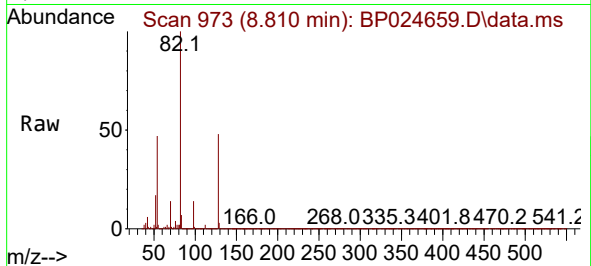




#23
Nitrobenzene-d5
Concen: 86.134 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

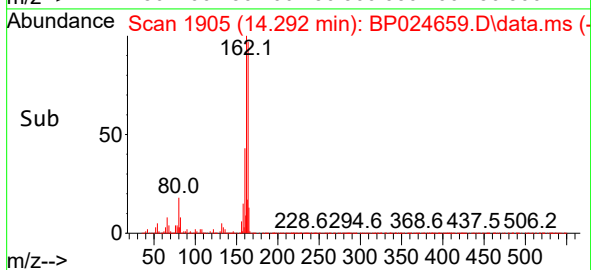
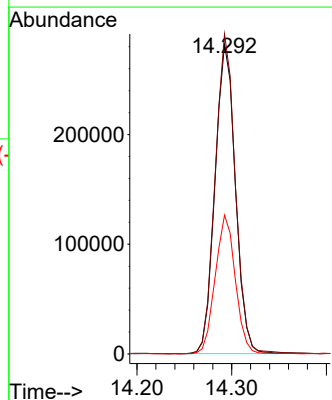
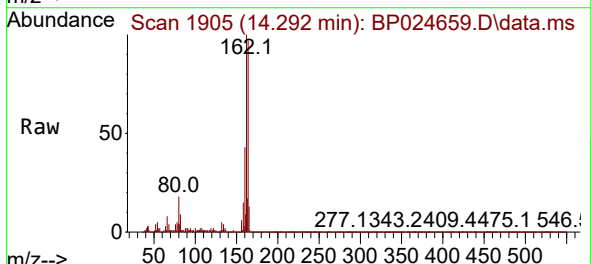
Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

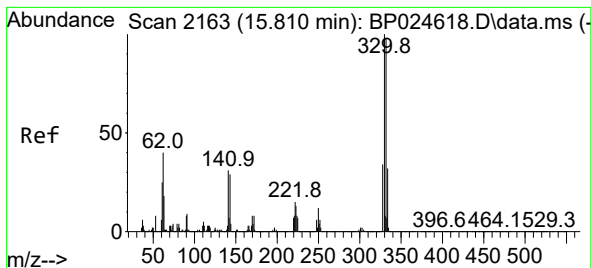
Tgt Ion: 82 Resp: 1087254
Ion Ratio Lower Upper
82 100
128 47.5 37.0 55.4
54 47.2 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:164 Resp: 420480
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 44.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 160.859 ng

RT: 15.822 min Scan# 2165

Delta R.T. 0.012 min

Lab File: BP024659.D

Acq: 16 May 2025 16:17

Instrument :

BNA_P

ClientSampleId :

MW-1-20250508

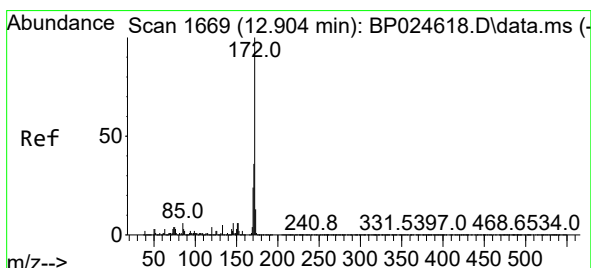
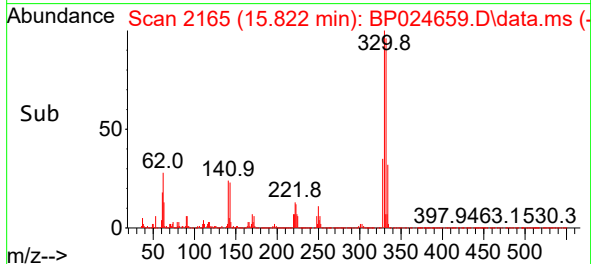
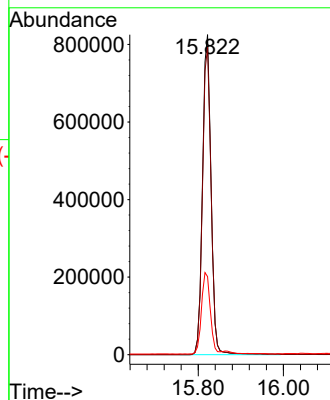
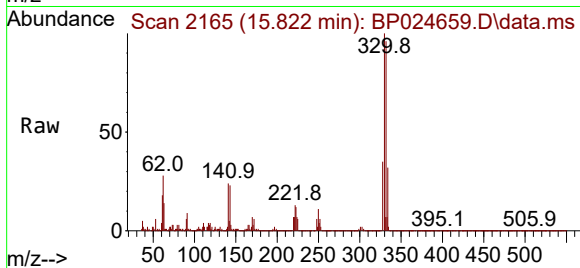
Tgt Ion:330 Resp: 1146657

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.4

141 26.2 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 84.209 ng

RT: 12.910 min Scan# 1670

Delta R.T. 0.006 min

Lab File: BP024659.D

Acq: 16 May 2025 16:17

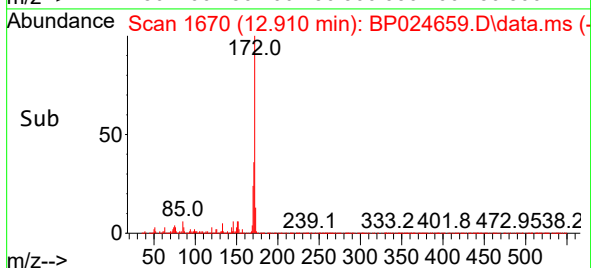
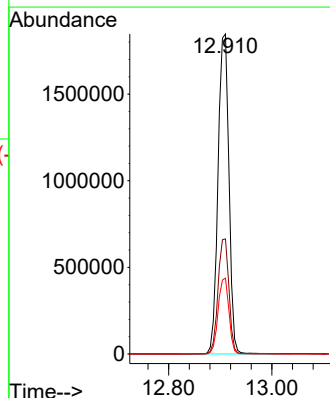
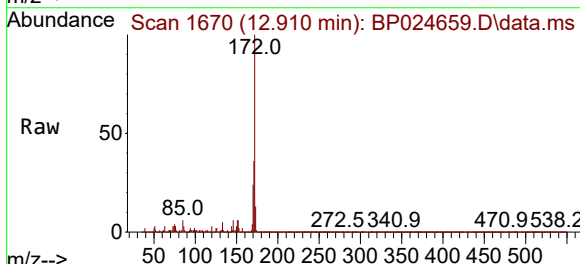
Tgt Ion:172 Resp: 2702649

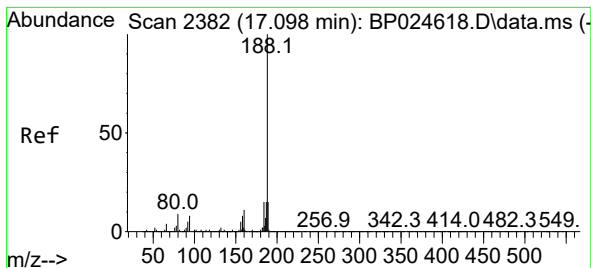
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024659.D

Acq: 16 May 2025 16:17

Instrument :

BNA_P

ClientSampleId :

MW-1-20250508

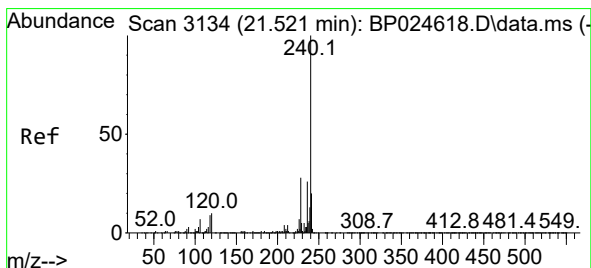
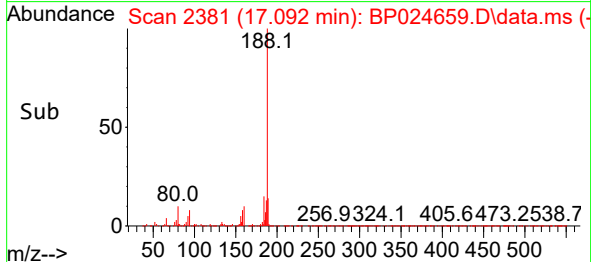
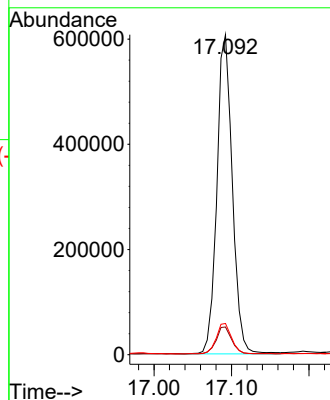
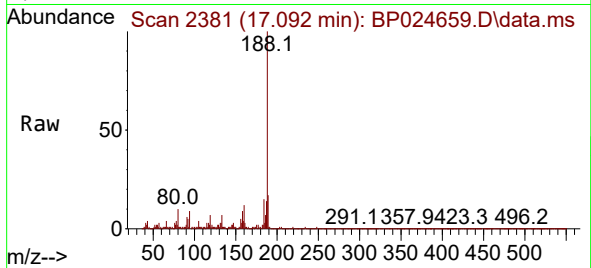
Tgt Ion:188 Resp: 840783

Ion Ratio Lower Upper

188 100

94 8.7 6.5 9.7

80 9.7 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BP024659.D

Acq: 16 May 2025 16:17

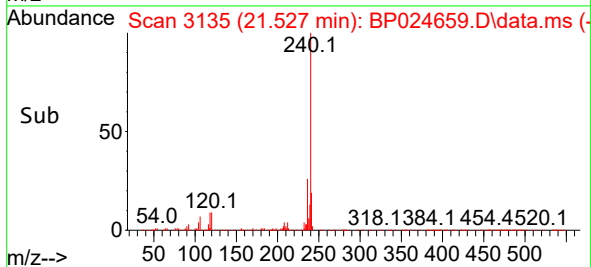
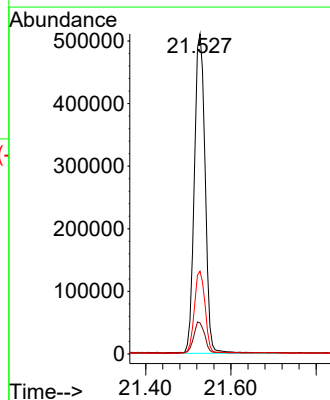
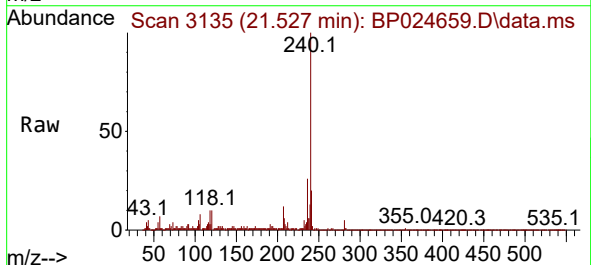
Tgt Ion:240 Resp: 896643

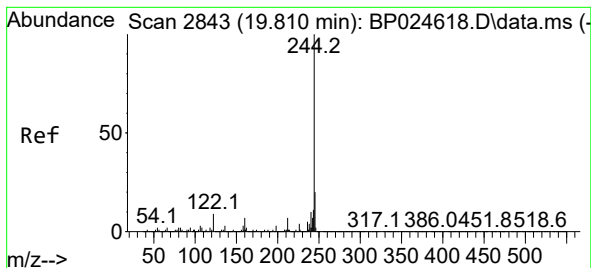
Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 82.939 ng

RT: 19.821 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024659.D

Acq: 16 May 2025 16:17

Instrument :

BNA_P

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MW-1-20250508

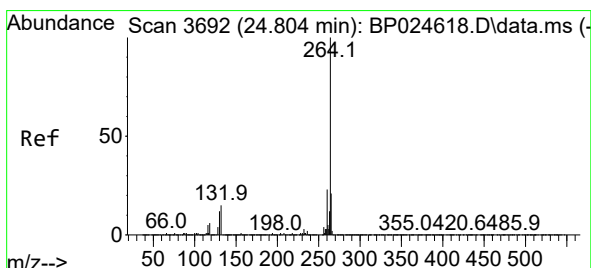
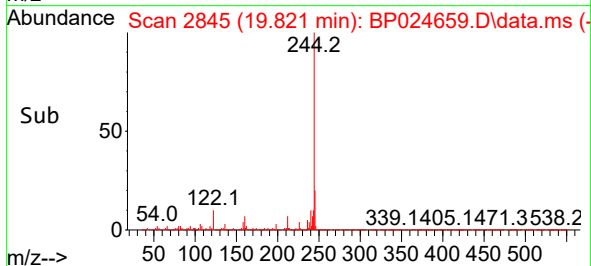
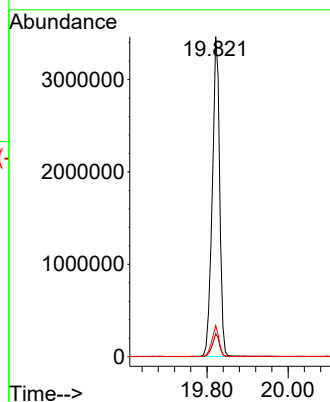
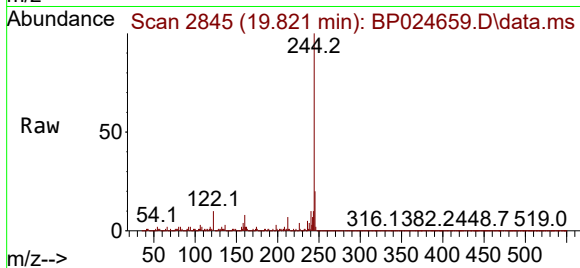
Tgt Ion:244 Resp: 4337027

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 9.7 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.809 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024659.D

Acq: 16 May 2025 16:17

Tgt Ion:264 Resp: 1065206

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.3 17.0 25.6

