

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024660.D
 Acq On : 16 May 2025 16:58
 Operator : RC/JU
 Sample : Q1993-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-4-20250508

Quant Time: May 16 17:23:20 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	125391	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	504701	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	321435	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	636219	20.000	ng	0.00
76) Chrysene-d12	21.521	240	759775	20.000	ng	0.00
86) Perylene-d12	24.809	264	942289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	548143	74.768	ng	0.02
7) Phenol-d6	6.893	99	421824	45.083	ng	0.04
23) Nitrobenzene-d5	8.810	82	889851	89.084	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	761995	139.835	ng	0.01
45) 2-Fluorobiphenyl	12.904	172	2090804	85.218	ng	0.00
79) Terphenyl-d14	19.821	244	3721949	83.999	ng	0.01

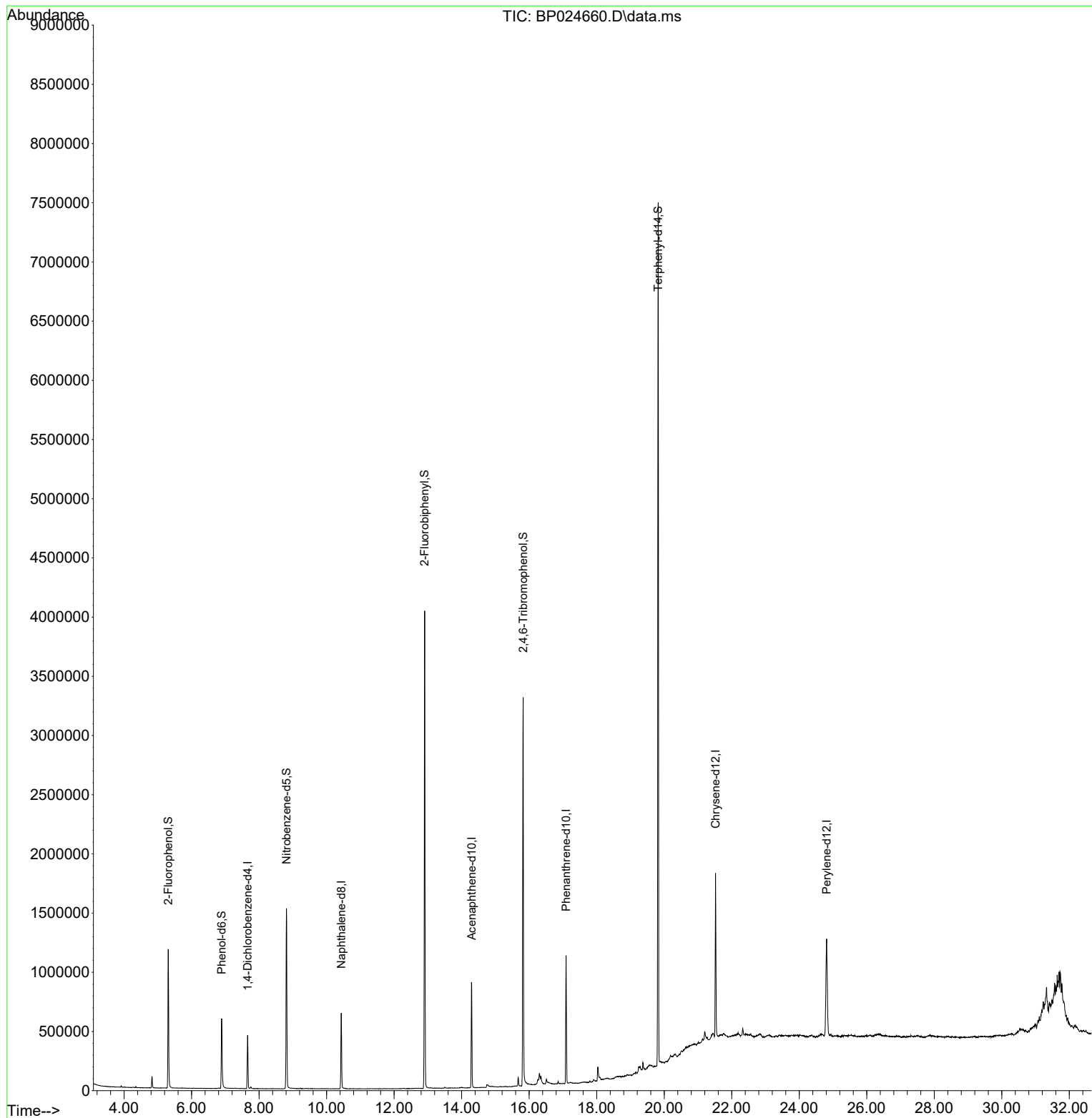
Target Compounds	Qvalue

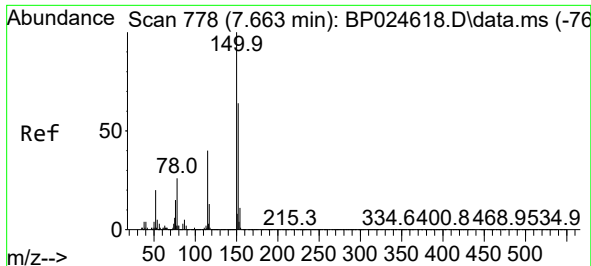
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024660.D
Acq On : 16 May 2025 16:58
Operator : RC/JU
Sample : Q1993-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

Quant Time: May 16 17:23:20 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

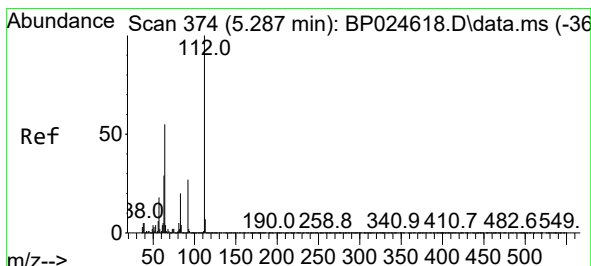
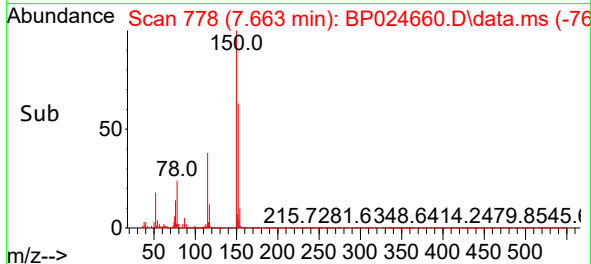
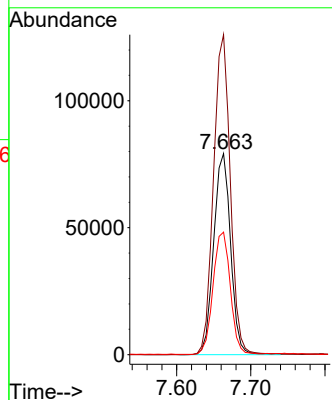
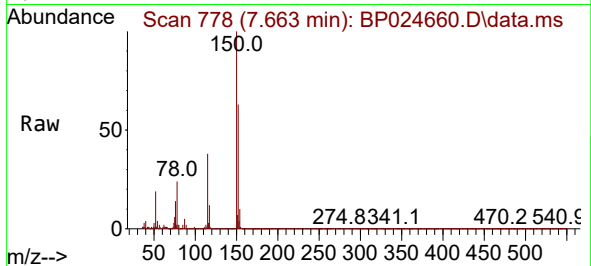




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

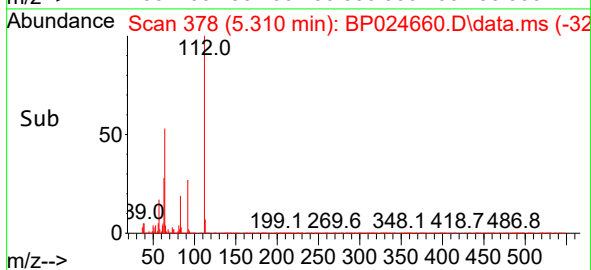
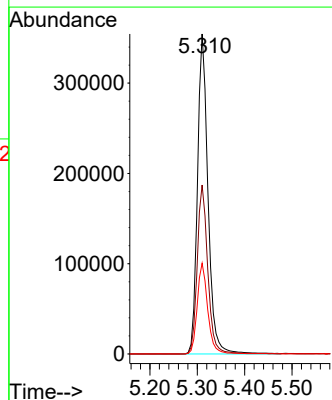
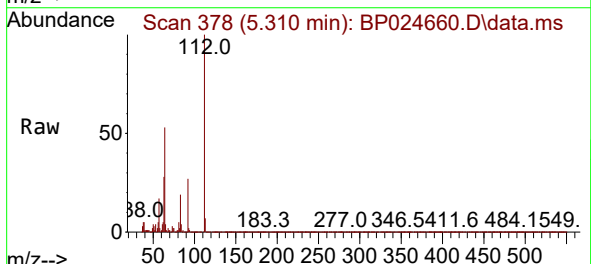
Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

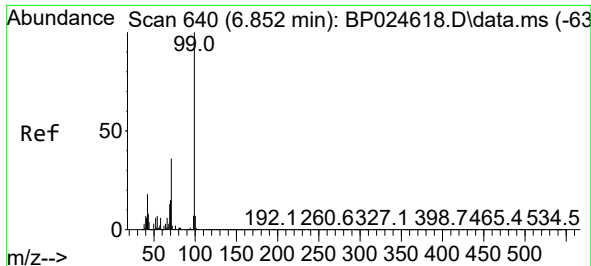
Tgt Ion:152 Resp: 125391
Ion Ratio Lower Upper
152 100
150 159.1 125.9 188.9
115 60.9 50.1 75.1



#5
2-Fluorophenol
Concen: 74.768 ng
RT: 5.310 min Scan# 378
Delta R.T. 0.023 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Tgt Ion:112 Resp: 548143
Ion Ratio Lower Upper
112 100
64 52.8 44.1 66.1
63 28.3 23.5 35.3

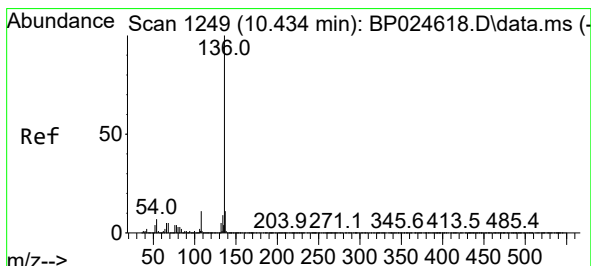
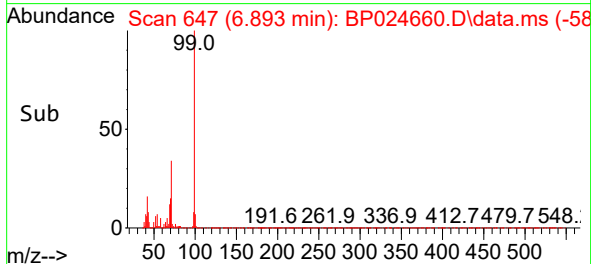
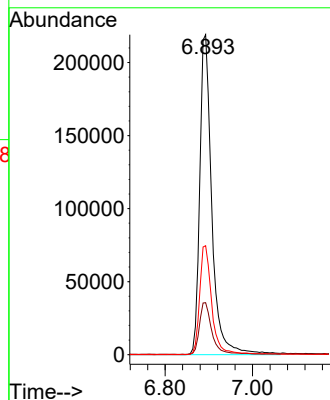
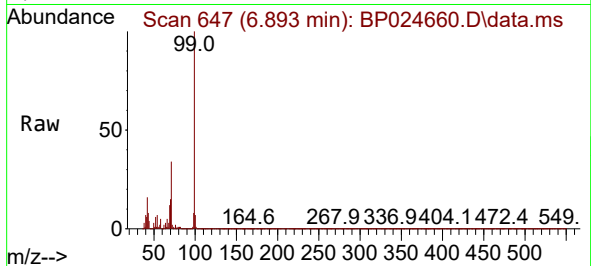




#7
Phenol-d6
Concen: 45.083 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.041 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

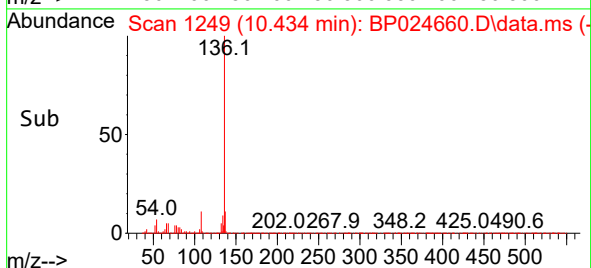
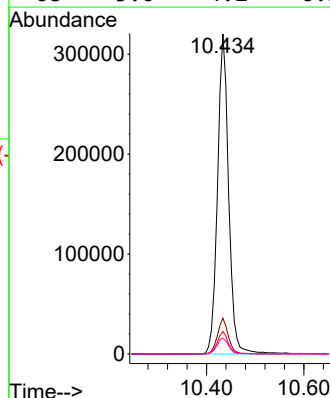
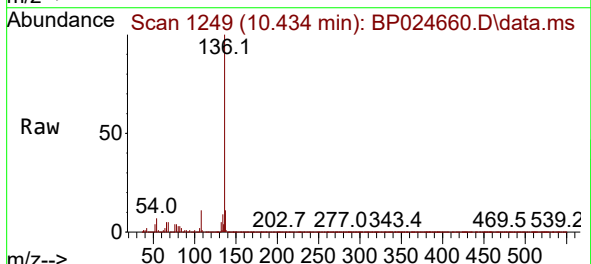
Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

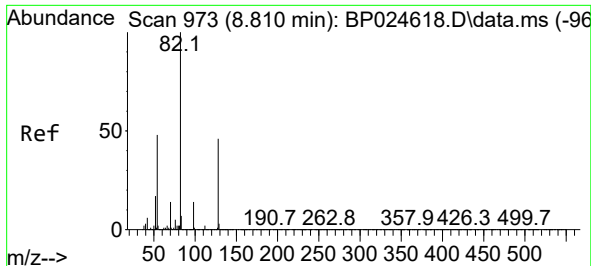
Tgt Ion: 99 Resp: 421824
Ion Ratio Lower Upper
99 100
42 16.3 14.4 21.6
71 34.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Tgt Ion: 136 Resp: 504701
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.0 5.5 8.3
68 5.0 4.2 6.2

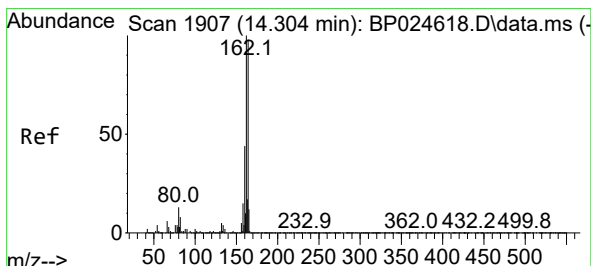
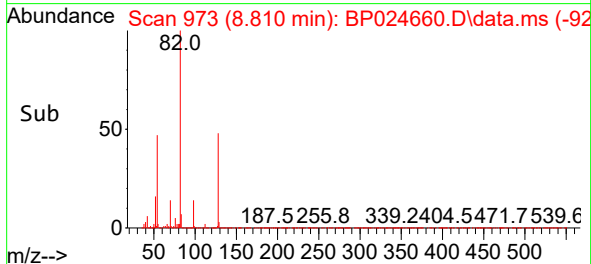
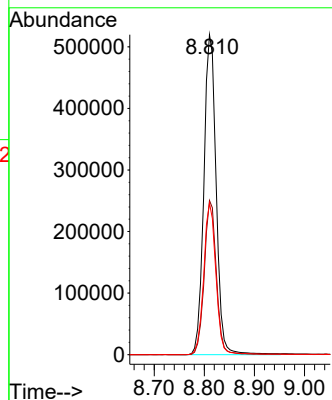
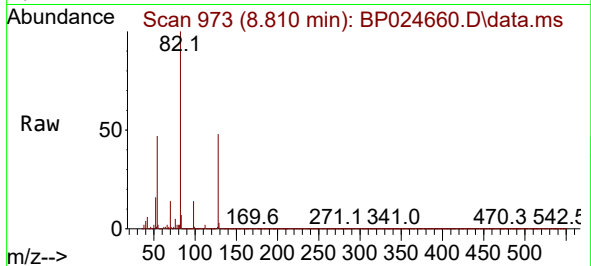




#23
Nitrobenzene-d5
Concen: 89.084 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

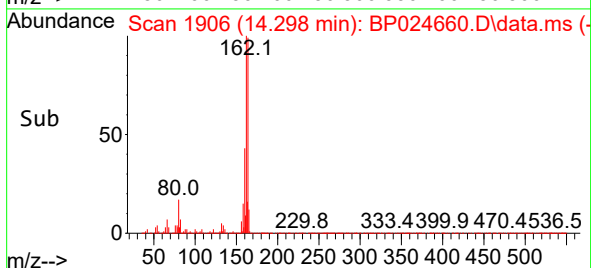
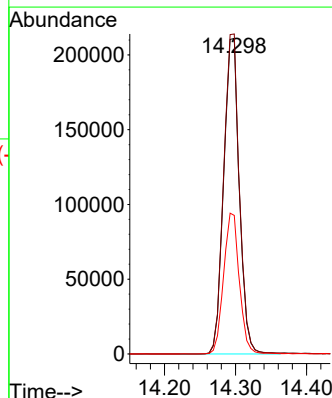
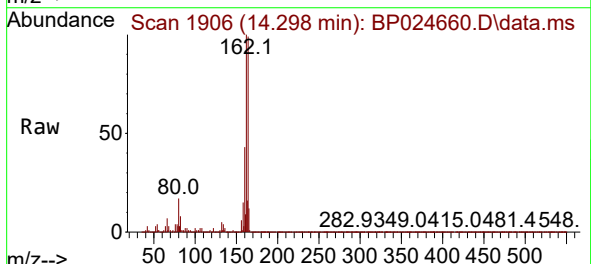
Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

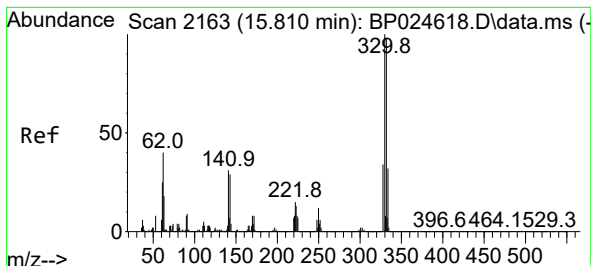
Tgt Ion: 82 Resp: 889851
Ion Ratio Lower Upper
82 100
128 48.2 37.0 55.4
54 47.4 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Tgt Ion:164 Resp: 321435
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.6
160 43.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 139.835 ng

RT: 15.822 min Scan# 2165

Delta R.T. 0.011 min

Lab File: BP024660.D

Acq: 16 May 2025 16:58

Instrument :

BNA_P

ClientSampleId :

MW-4-20250508

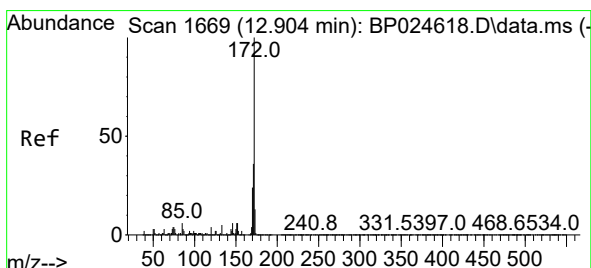
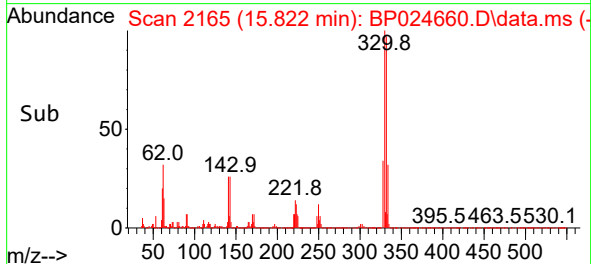
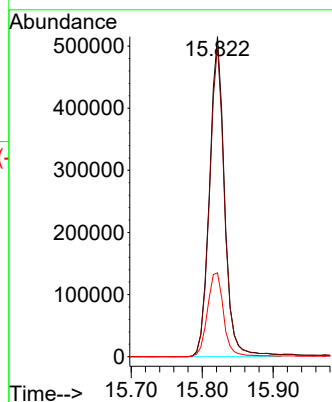
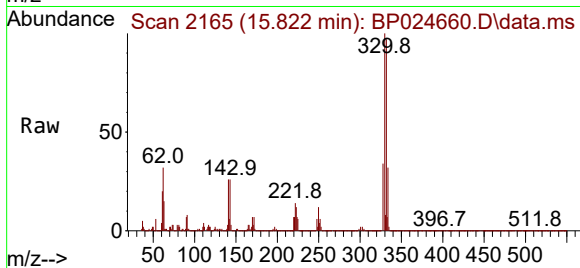
Tgt Ion:330 Resp: 761995

Ion Ratio Lower Upper

330 100

332 97.8 78.2 117.4

141 28.3 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 85.218 ng

RT: 12.904 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BP024660.D

Acq: 16 May 2025 16:58

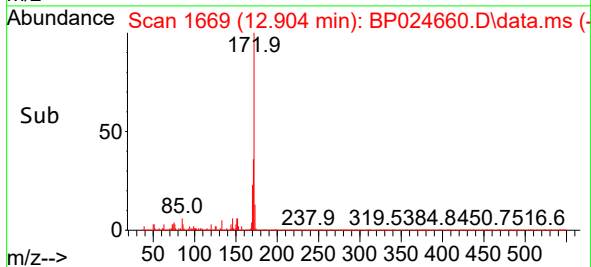
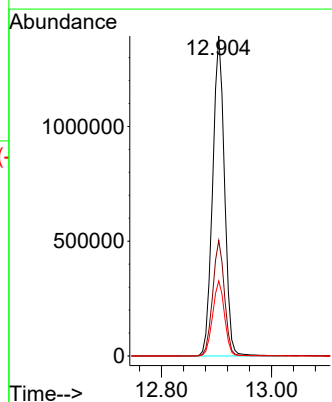
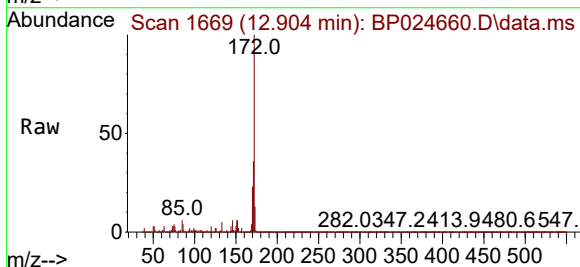
Tgt Ion:172 Resp: 2090804

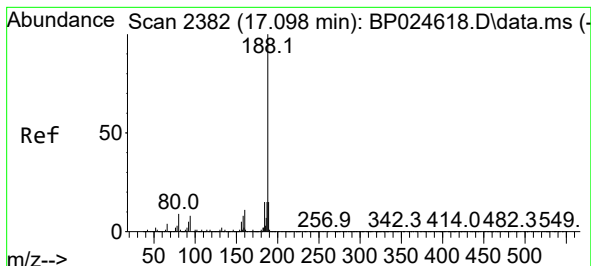
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.4 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: BP024660.D

Acq: 16 May 2025 16:58

Instrument :

BNA_P

ClientSampleId :

MW-4-20250508

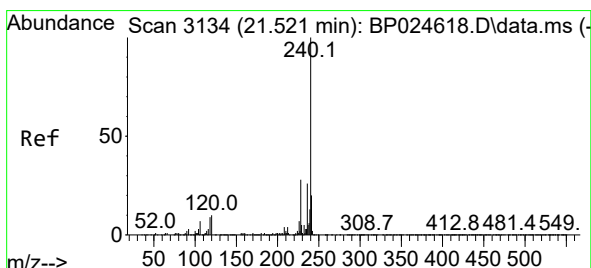
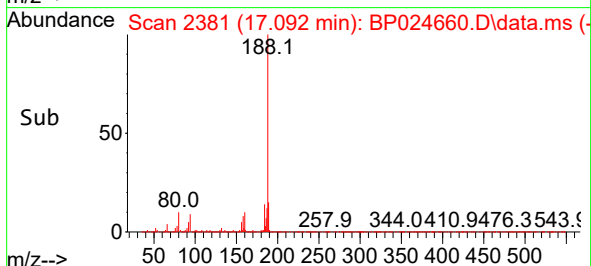
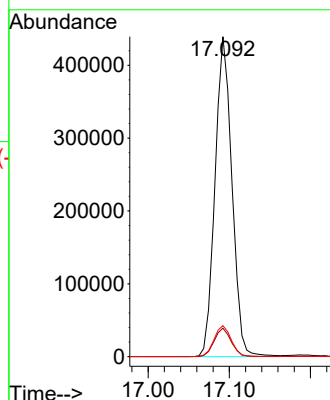
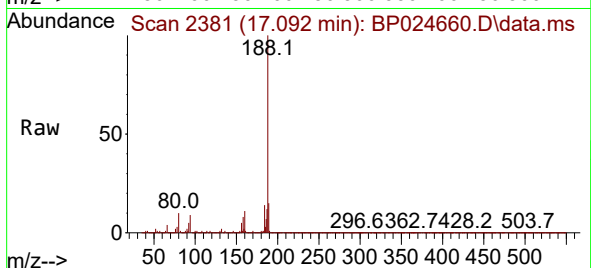
Tgt Ion:188 Resp: 636219

Ion Ratio Lower Upper

188 100

94 8.9 6.5 9.7

80 9.7 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BP024660.D

Acq: 16 May 2025 16:58

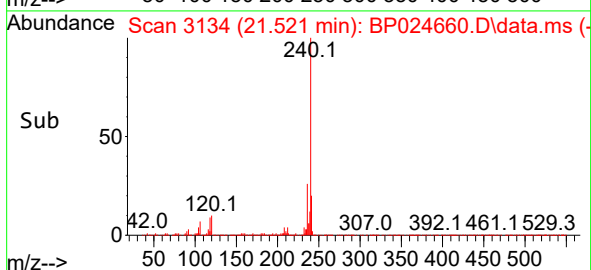
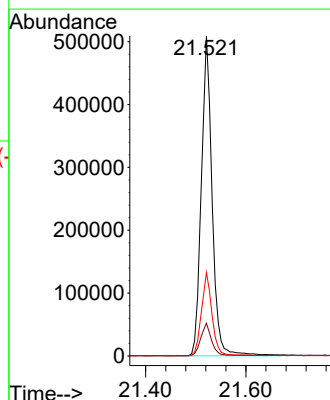
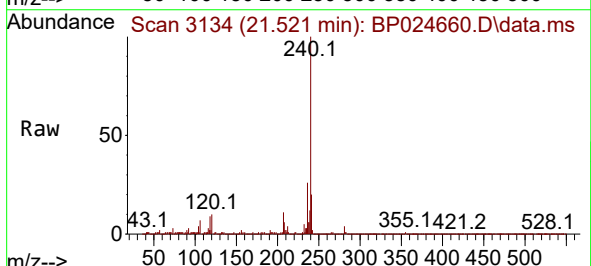
Tgt Ion:240 Resp: 759775

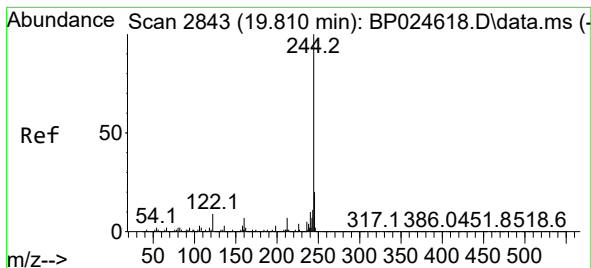
Ion Ratio Lower Upper

240 100

120 10.3 7.8 11.6

236 26.2 20.6 31.0





#79

Terphenyl-d14

Concen: 83.999 ng

RT: 19.821 min Scan# 2

Delta R.T. 0.012 min

Lab File: BP024660.D

Acq: 16 May 2025 16:58

Instrument :

BNA_P

ClientSampleId :

MW-4-20250508

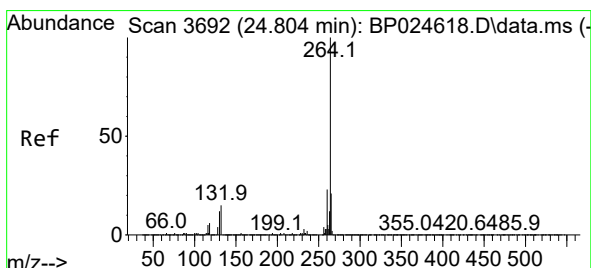
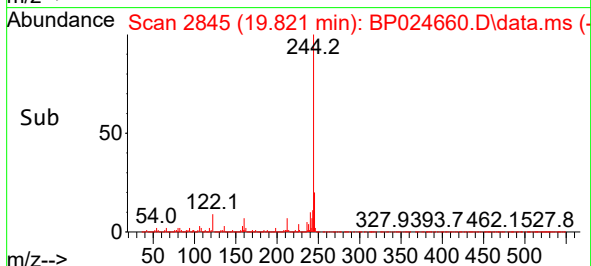
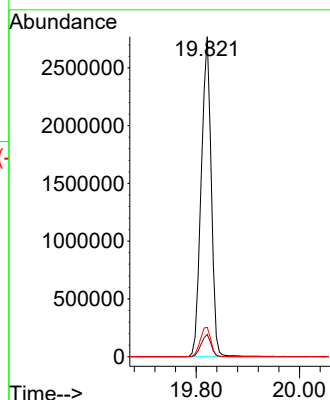
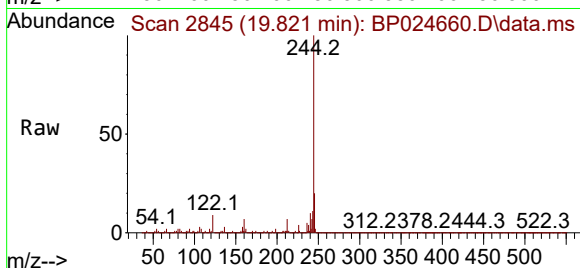
Tgt Ion:244 Resp: 3721949

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 9.2 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: BP024660.D

Acq: 16 May 2025 16:58

Tgt Ion:264 Resp: 942289

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.0 17.0 25.6

