

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024791.D
 Acq On : 23 May 2025 13:45
 Operator : RC/JU
 Sample : Q2093-14DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WATER-COMPDL

Quant Time: May 23 14:09:25 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)

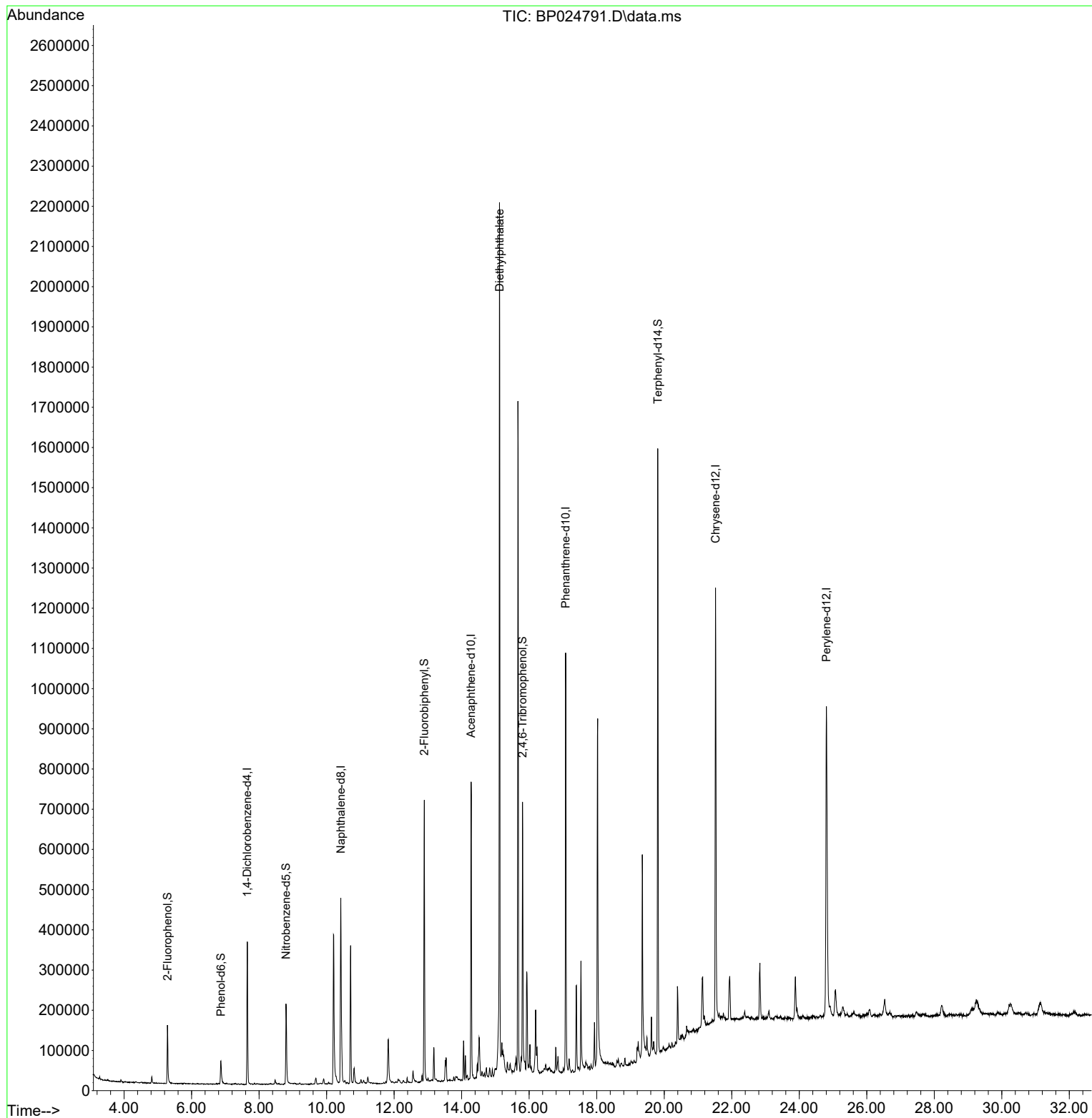
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	98725	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	387352	20.000	ng	#-0.01
39) Acenaphthene-d10	14.281	164	273294	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	589852	20.000	ng	-0.02
76) Chrysene-d12	21.521	240	730822	20.000	ng	0.00
86) Perylene-d12	24.804	264	869180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	73336	12.705	ng	0.00
7) Phenol-d6	6.869	99	47054	6.387	ng	0.02
23) Nitrobenzene-d5	8.799	82	125083	16.316	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	166348	35.904	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	364446	17.471	ng	-0.01
79) Terphenyl-d14	19.810	244	738799	17.334	ng	0.00
Target Compounds						
60) Diethylphthalate	15.122	149	1082673	51.424	ng	Qvalue 99

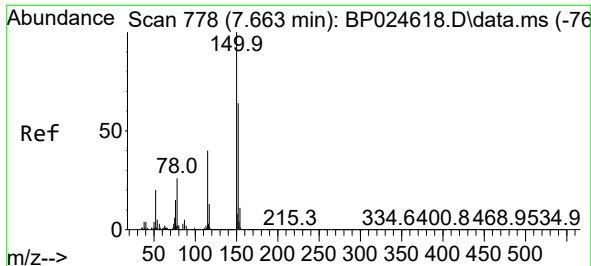
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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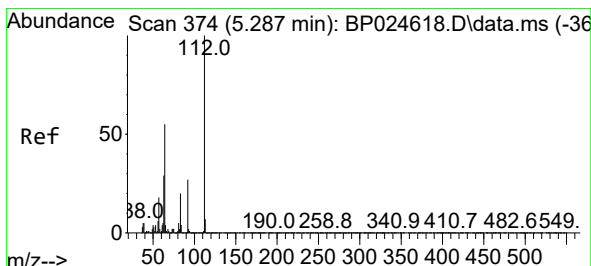
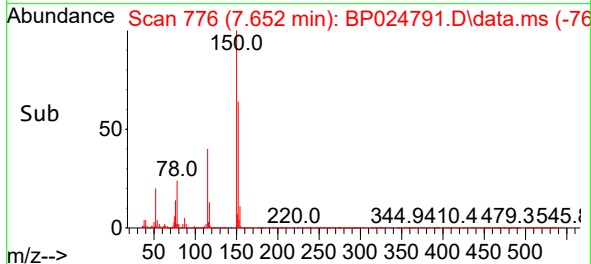
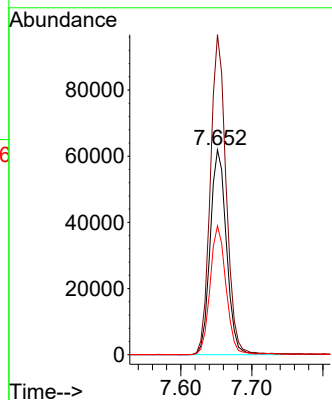
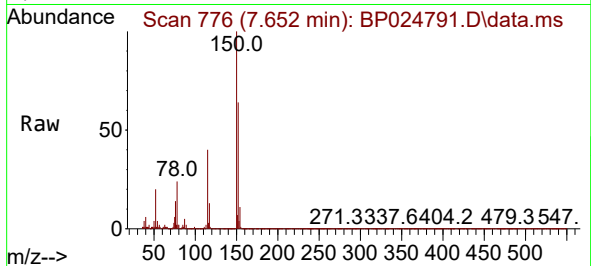




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

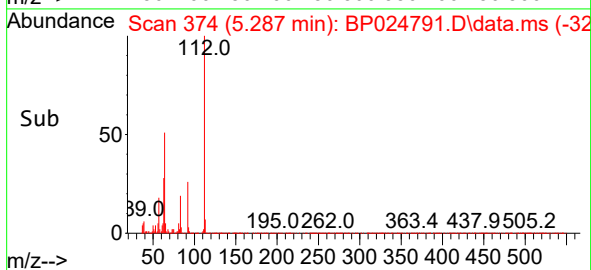
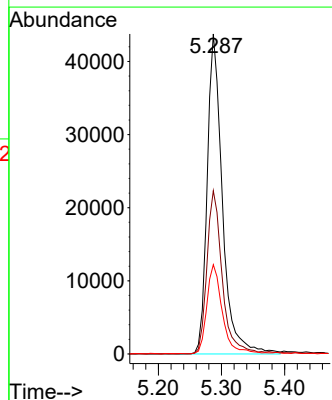
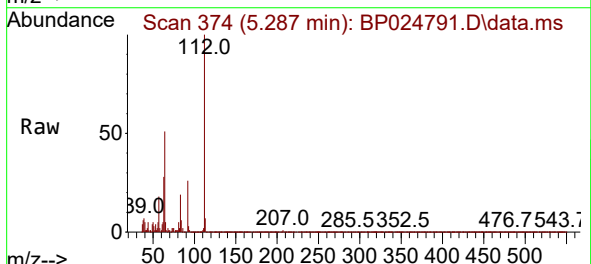
Instrument :
BNA_P
ClientSampleId :
WATER-COMPDL

Tgt Ion:152 Resp: 98725
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 62.9 50.1 75.1



#5
2-Fluorophenol
Concen: 12.705 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

Tgt Ion:112 Resp: 73336
Ion Ratio Lower Upper
112 100
64 51.0 44.1 66.1
63 27.9 23.5 35.3

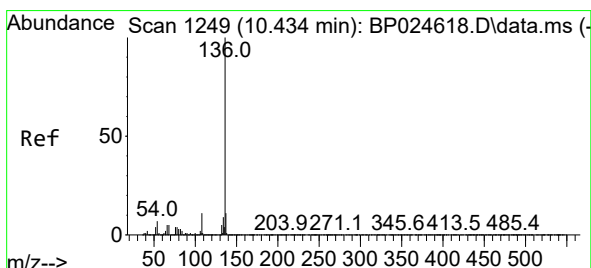
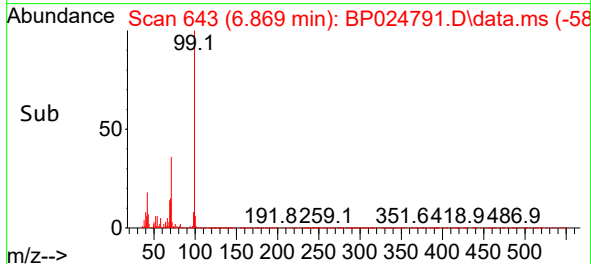
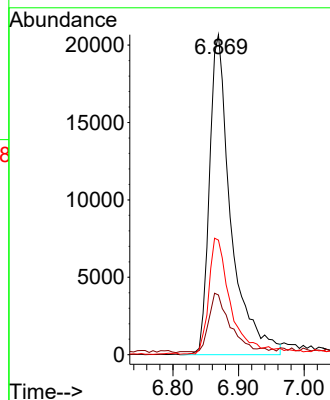
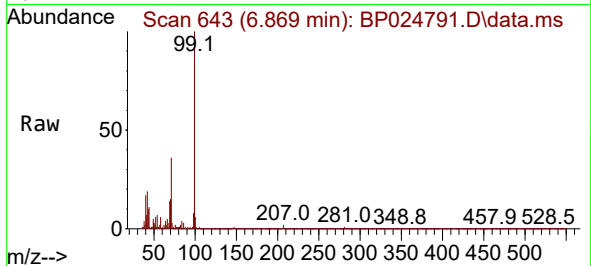




#7
Phenol-d6
Concen: 6.387 ng
RT: 6.869 min Scan# 64
Delta R.T. 0.018 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

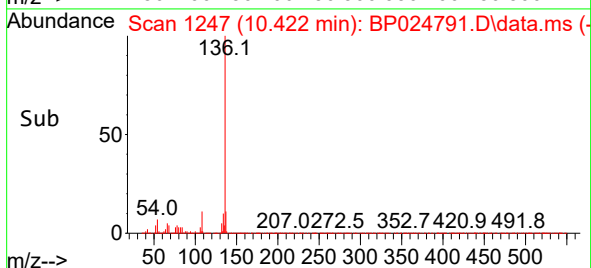
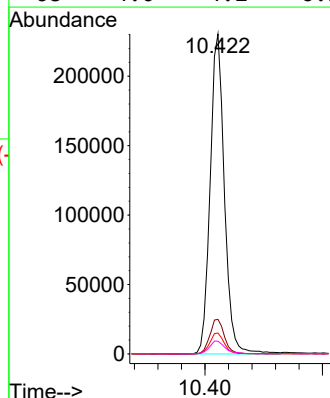
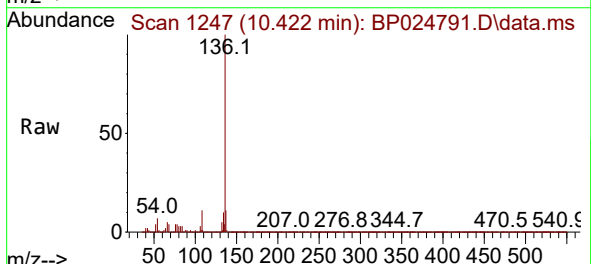
Instrument :
BNA_P
ClientSampleId :
WATER-COMPDL

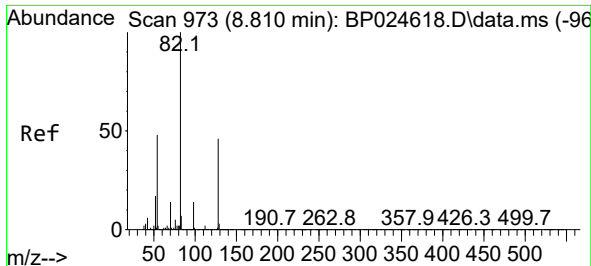
Tgt Ion: 99 Resp: 47054
Ion Ratio Lower Upper
99 100
42 18.7 14.4 21.6
71 35.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

Tgt Ion: 136 Resp: 387352
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.5 8.3
68 4.0 4.2 6.2#

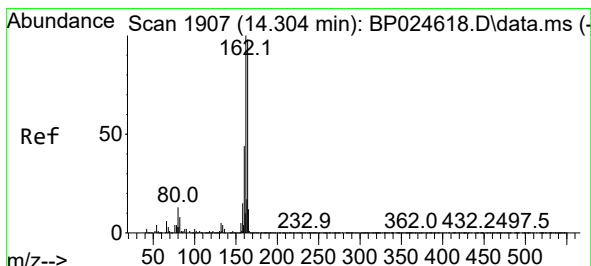
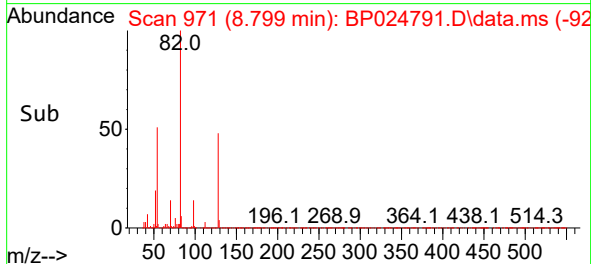
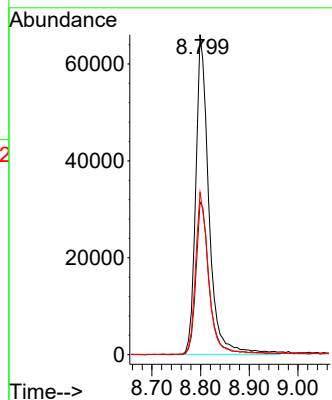
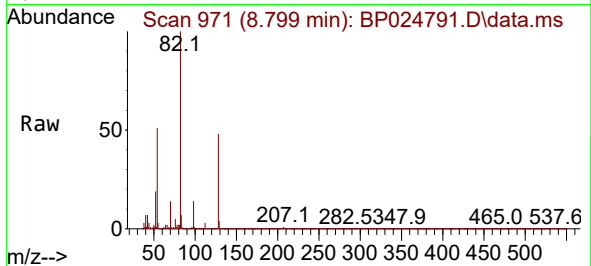




#23
Nitrobenzene-d5
Concen: 16.316 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

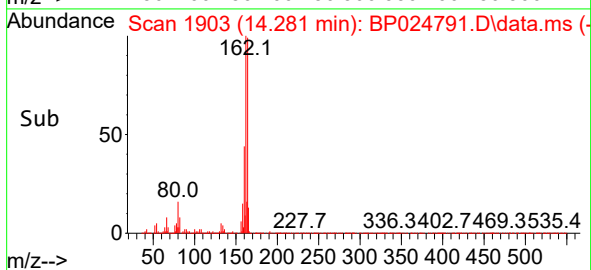
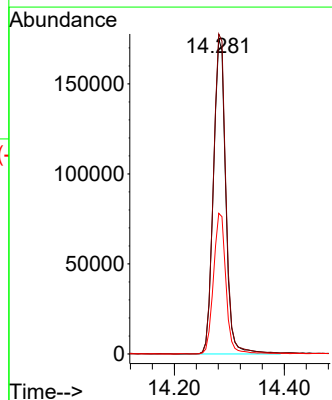
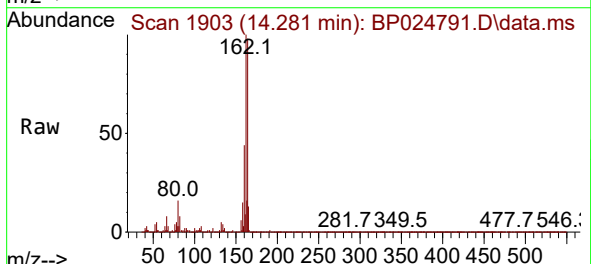
Instrument :
BNA_P
ClientSampleId :
WATER-COMPDL

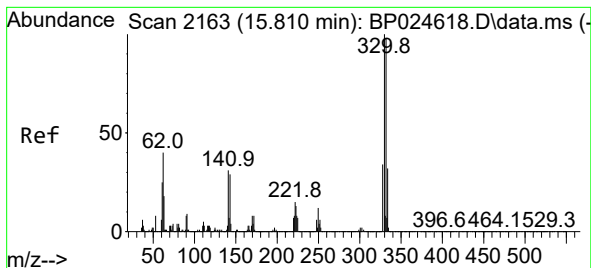
Tgt Ion: 82 Resp: 125083
Ion Ratio Lower Upper
82 100
128 47.7 37.0 55.4
54 50.7 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.024 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

Tgt Ion:164 Resp: 273294
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 44.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 35.904 ng

RT: 15.804 min Scan# 2163

Delta R.T. -0.006 min

Lab File: BP024791.D

Acq: 23 May 2025 13:45

Instrument :

BNA_P

ClientSampleId :

WATER-COMPDL

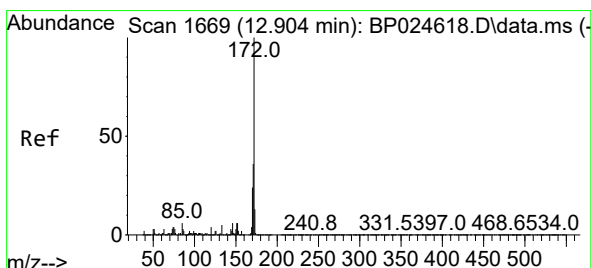
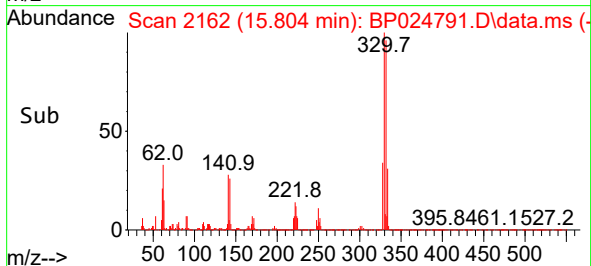
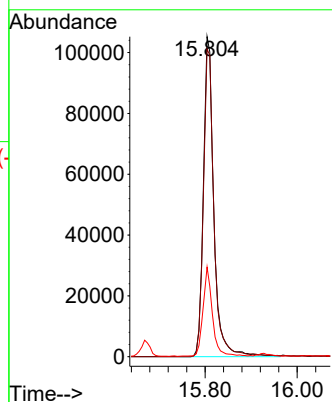
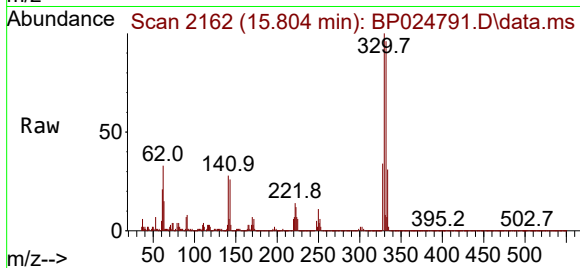
Tgt Ion:330 Resp: 166348

Ion Ratio Lower Upper

330 100

332 96.2 78.2 117.4

141 25.4 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 17.471 ng

RT: 12.893 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BP024791.D

Acq: 23 May 2025 13:45

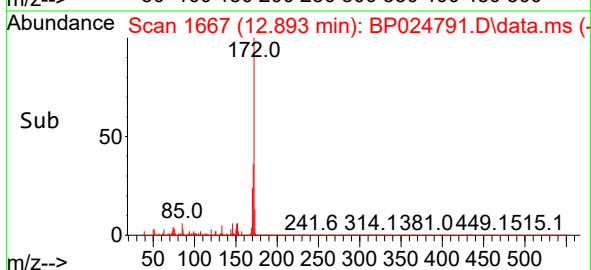
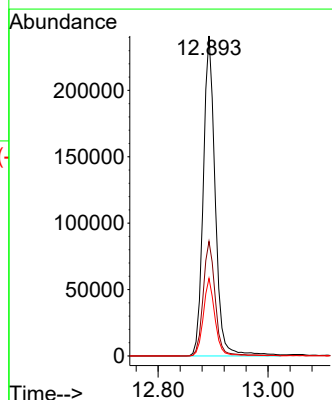
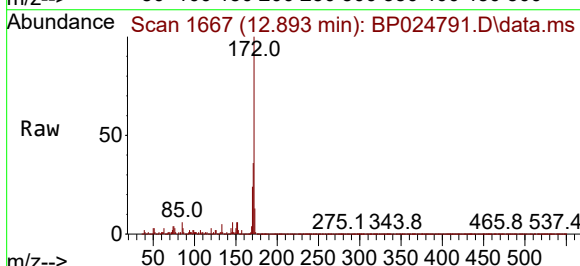
Tgt Ion:172 Resp: 364446

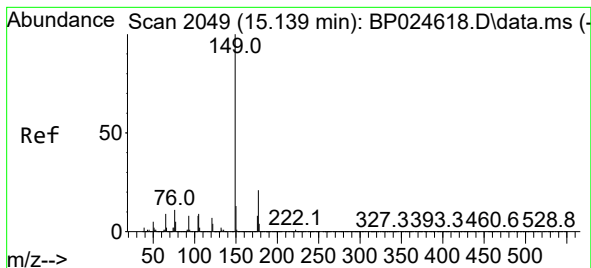
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.2 18.8 28.2





#60

Diethylphthalate

Concen: 51.424 ng

RT: 15.122 min Scan# 2049

Delta R.T. -0.018 min

Lab File: BP024791.D

Acq: 23 May 2025 13:45

Instrument :

BNA_P

ClientSampleId :

WATER-COMPDL

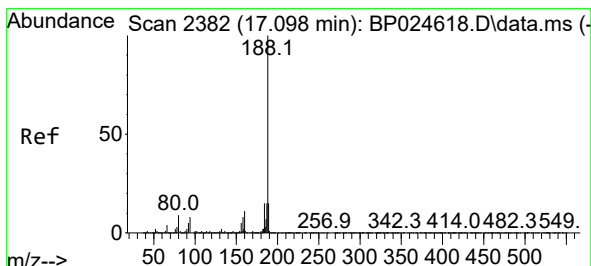
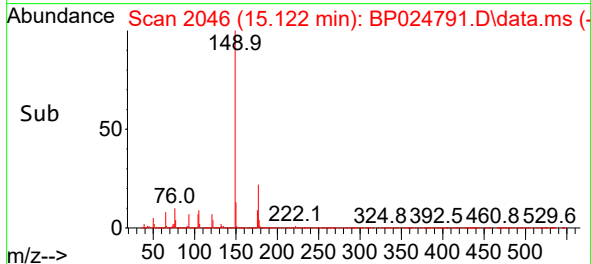
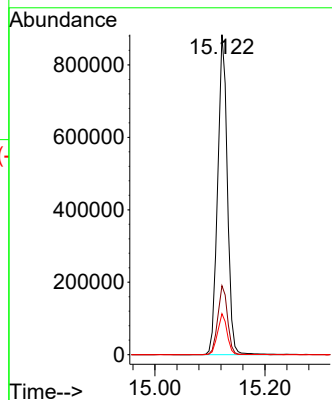
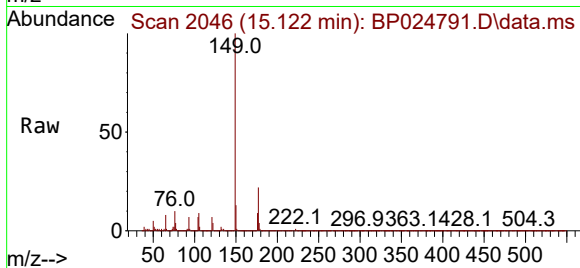
Tgt Ion:149 Resp: 1082673

Ion Ratio Lower Upper

149 100

177 21.6 16.7 25.1

150 12.8 10.2 15.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.081 min Scan# 2379

Delta R.T. -0.018 min

Lab File: BP024791.D

Acq: 23 May 2025 13:45

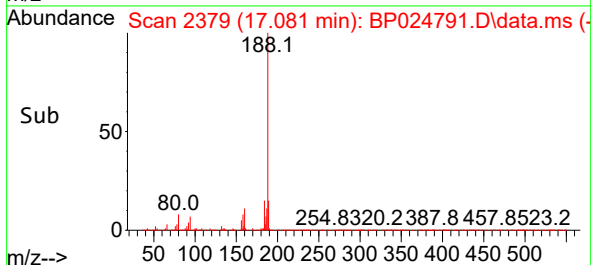
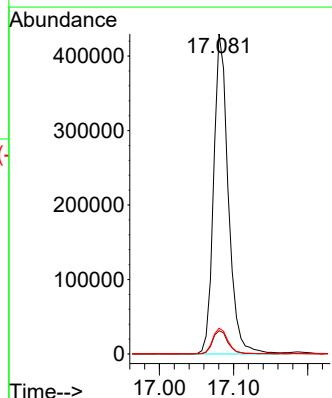
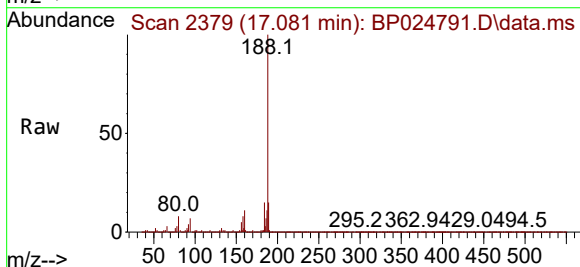
Tgt Ion:188 Resp: 589852

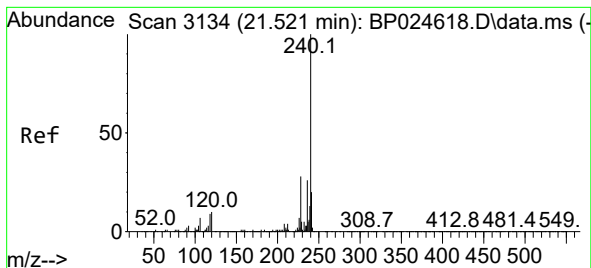
Ion Ratio Lower Upper

188 100

94 7.2 6.5 9.7

80 8.0 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: BP024791.D

Acq: 23 May 2025 13:45

Instrument :

BNA_P

ClientSampleId :

WATER-COMPDL

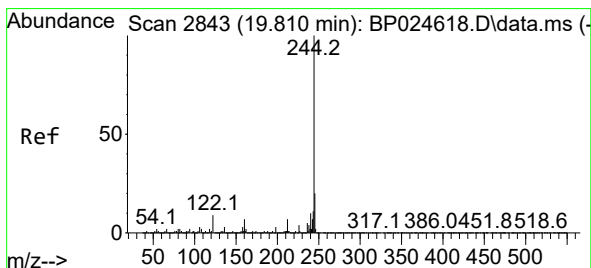
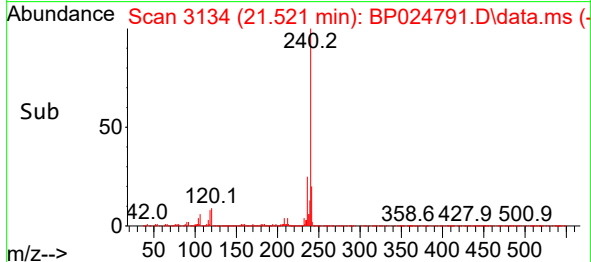
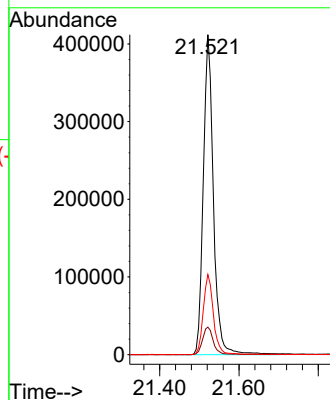
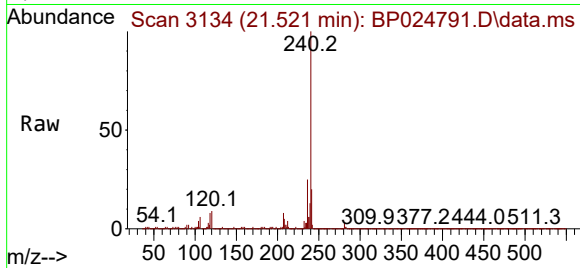
Tgt Ion:240 Resp: 730822

Ion Ratio Lower Upper

240 100

120 8.6 7.8 11.6

236 25.1 20.6 31.0



#79

Terphenyl-d14

Concen: 17.334 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024791.D

Acq: 23 May 2025 13:45

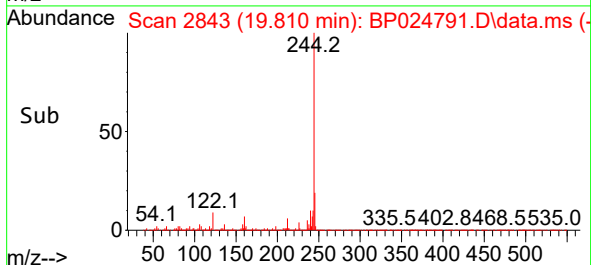
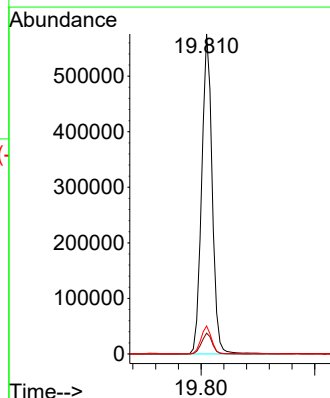
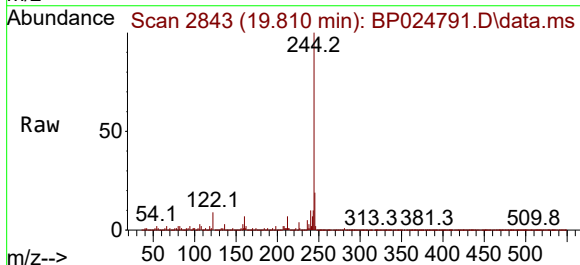
Tgt Ion:244 Resp: 738799

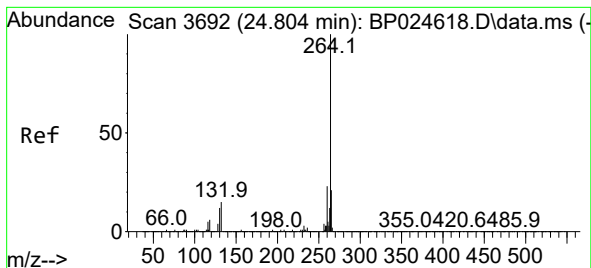
Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

122 8.7 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 30

Delta R.T. 0.000 min

Lab File: BP024791.D

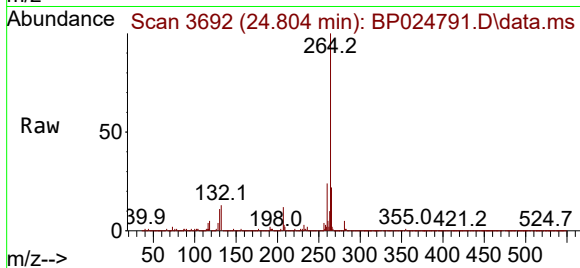
Acq: 23 May 2025 13:45

Instrument :

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Tgt Ion:264 Resp: 869180

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.4 17.0 25.6

