

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)

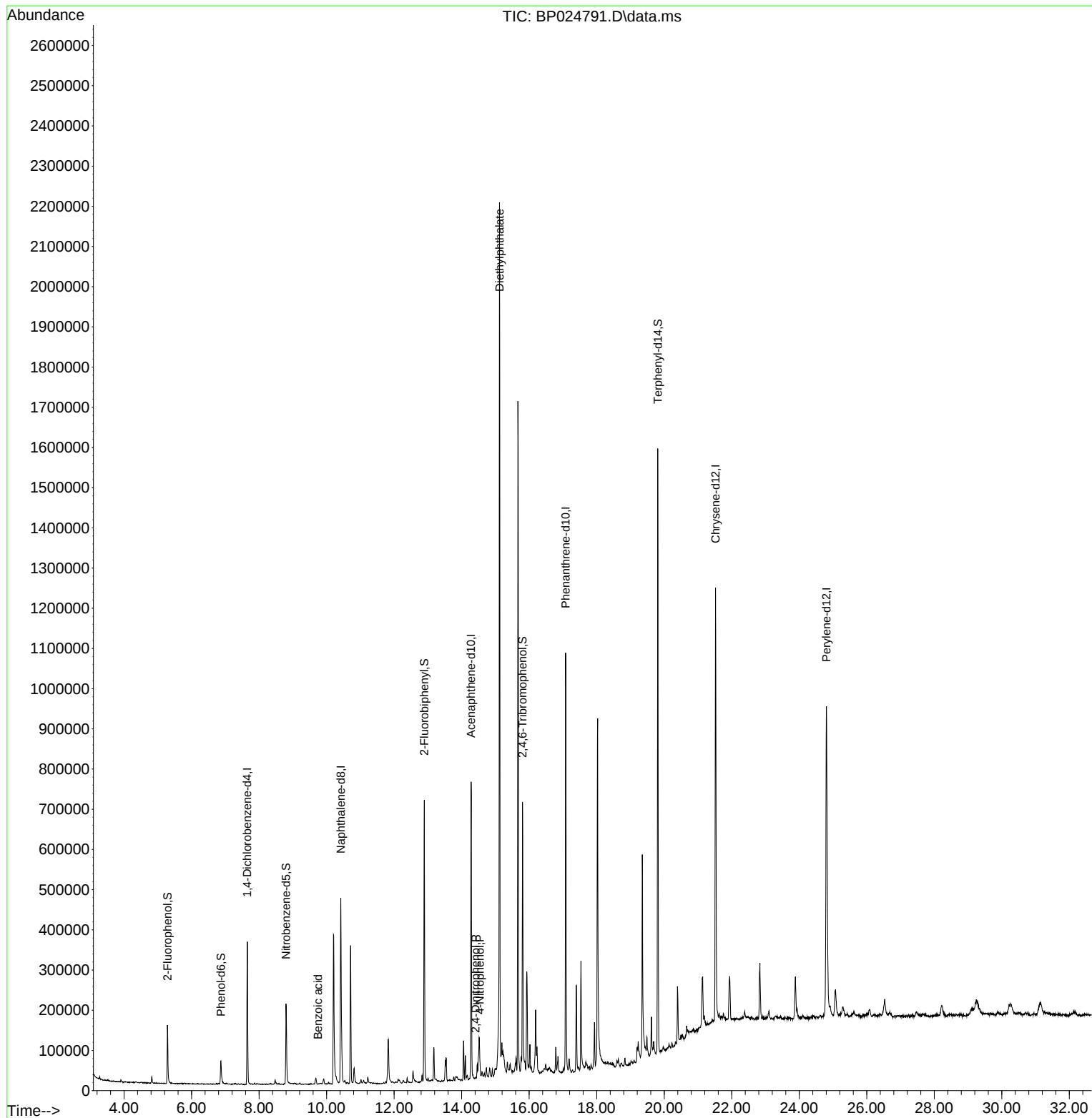
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	98725	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	387352	20.000	ng	#-0.01
39) Acenaphthene-d10	14.281	164	273294	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	589852	20.000	ng	-0.02
76) Chrysene-d12	21.521	240	730822	20.000	ng	0.00
86) 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						
						Qvalue
32) Benzoic acid	9.740	122	37	7.476	ng	# 37
54) 2,4-Dinitrophenol	14.410	184	18	6.407	ng	# 1
56) 4-Nitrophenol	14.540	139	824	4.435	ng	# 58
60) Diethylphthalate	15.122	149	1082673	51.424	ng	99

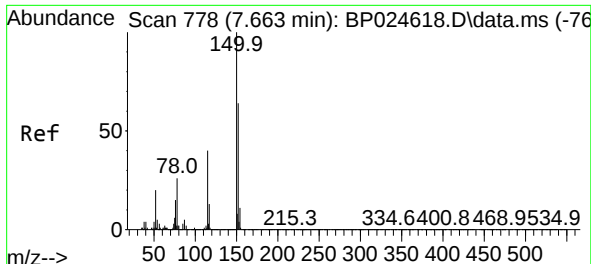
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
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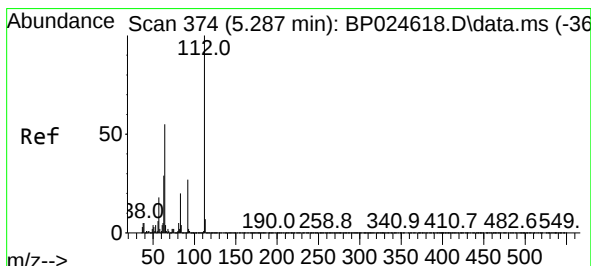
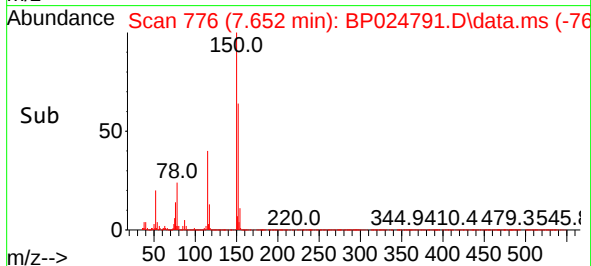
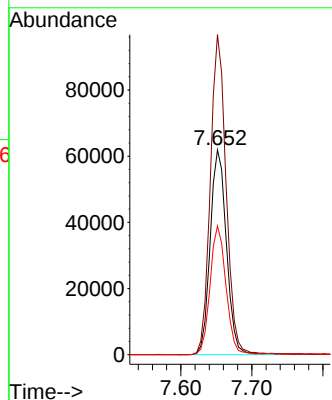
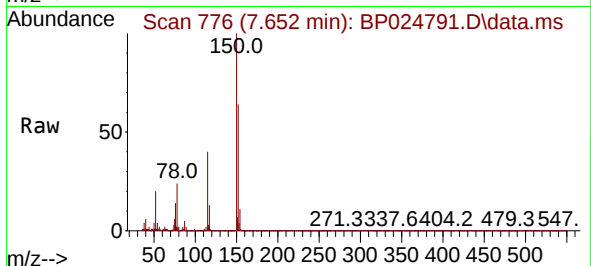




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

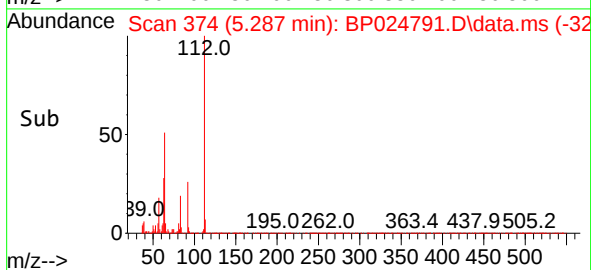
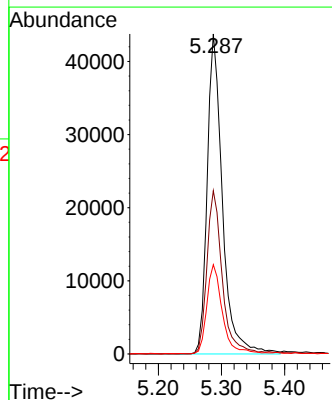
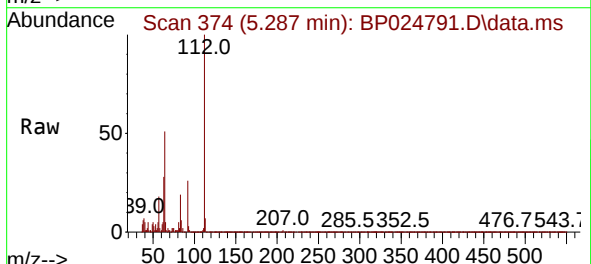
Instrument :
BNA_P
ClientSampleId :
WATER-COMPDL

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

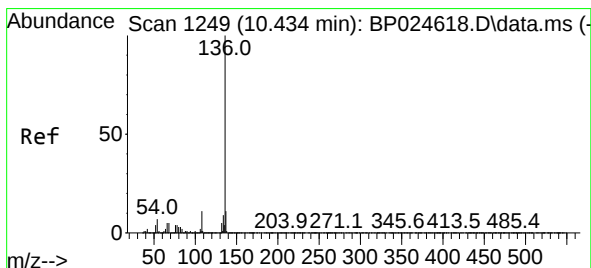
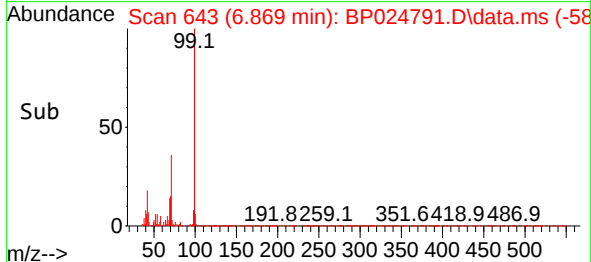
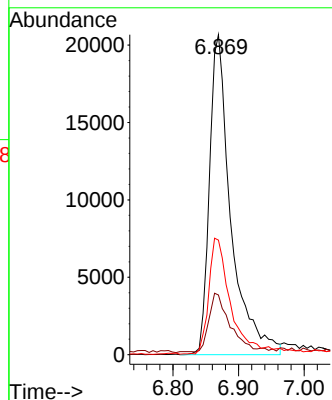
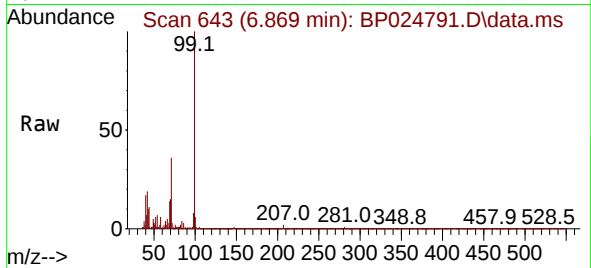




#7
Phenol-d6
Concen: 6.387 ng
RT: 6.869 min Scan# 64
Delta R.T. 0.018 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

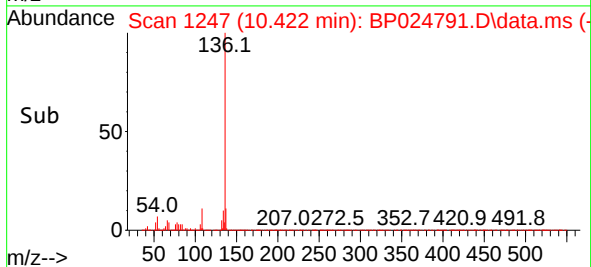
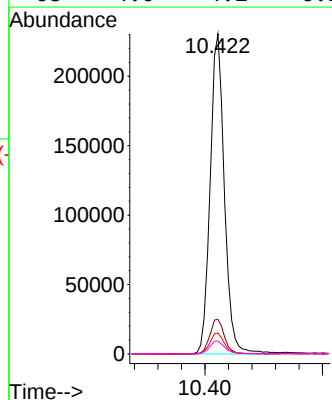
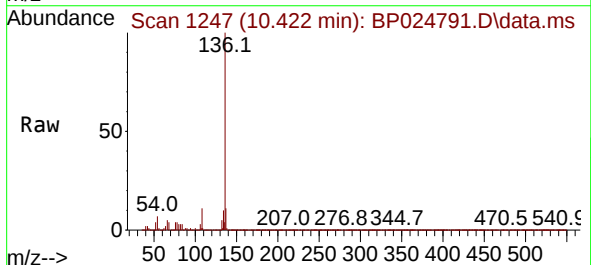
Instrument :
BNA_P
ClientSampleId :
WATER-COMPDL

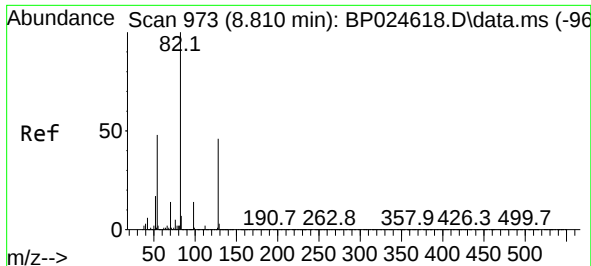
Tgt Ion: 99 Resp: 47054
Ion Ratio Lower Upper
99 100
42 18.7 14.4 21.6
71 35.8 29.2 43.8



#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#

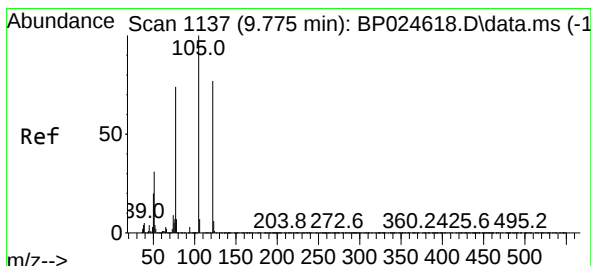
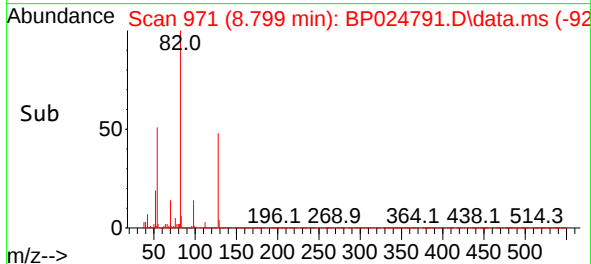
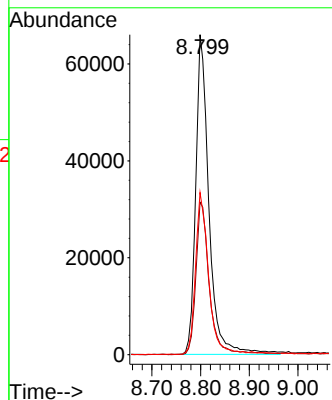
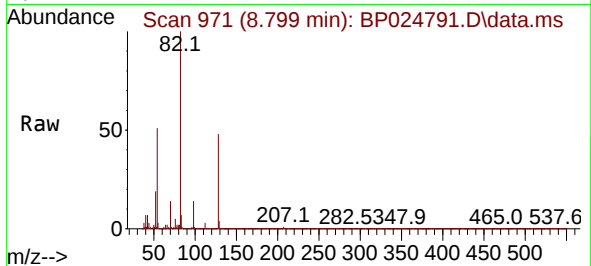




#23
Nitrobenzene-d5
Concen: 16.316 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

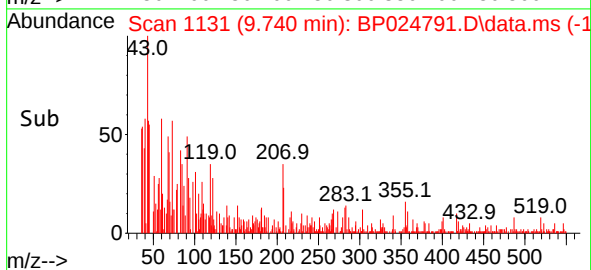
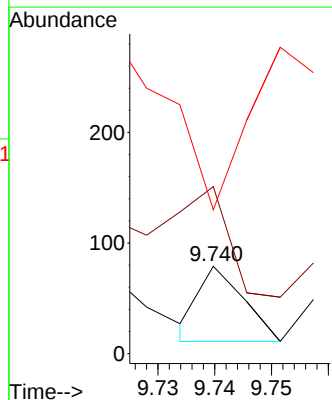
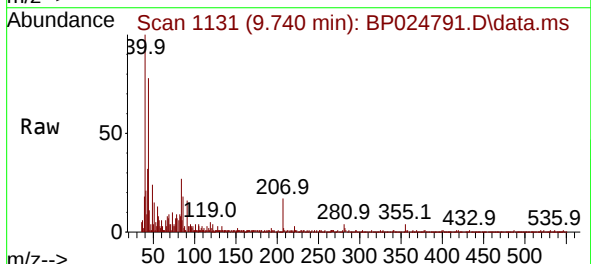
Instrument :
BNA_P
ClientSampleId :
WATER-COMPD

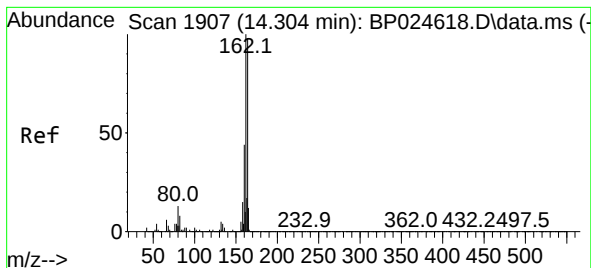
Tgt Ion: 82 Resp: 125083
Ion Ratio Lower Upper
82 100
128 47.7 37.0 55.4
54 50.7 38.7 58.1



#32
Benzoic acid
Concen: 7.476 ng
RT: 9.740 min Scan# 1131
Delta R.T. -0.035 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

Tgt Ion: 122 Resp: 37
Ion Ratio Lower Upper
122 100
105 191.1 106.9 146.9#
77 164.6 75.1 115.1#





#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

Instrument :

BNA_P

ClientSampleId :

WATER-COMPDL

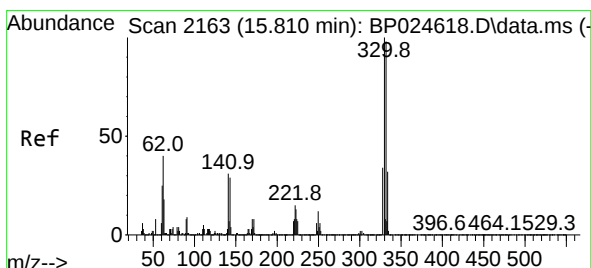
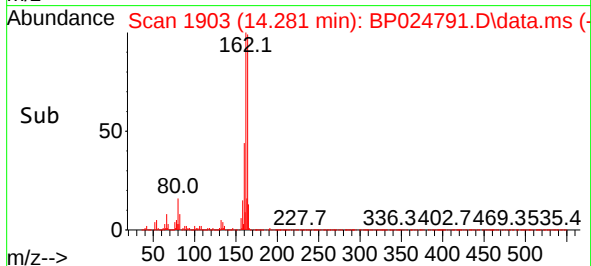
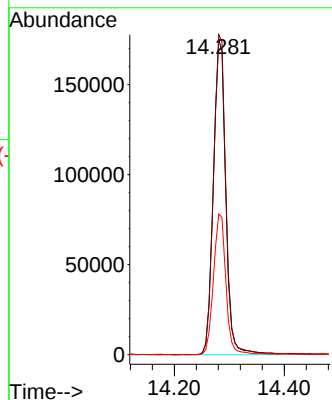
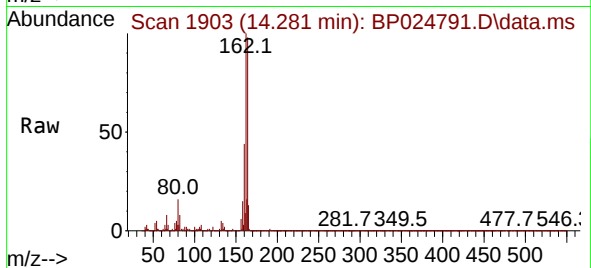
Tgt Ion:164 Resp: 273294

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# 2162

Delta R.T. -0.006 min

Lab File: BP024791.D

Acq: 23 May 2025 13:45

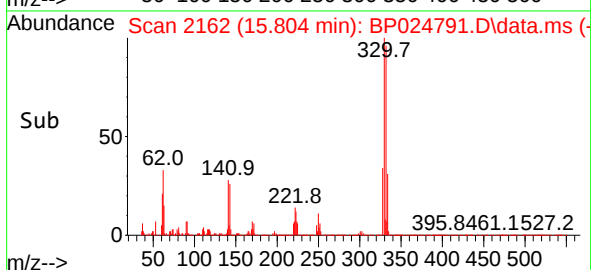
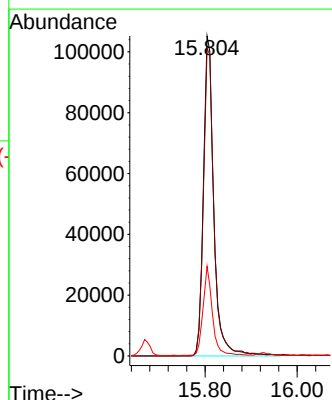
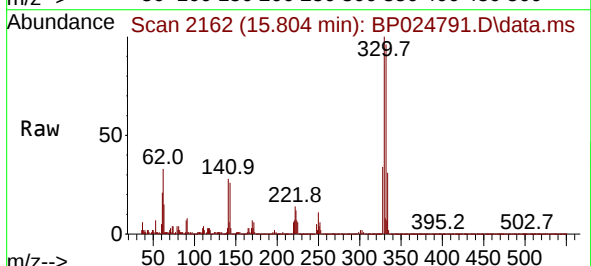
Tgt Ion:330 Resp: 166348

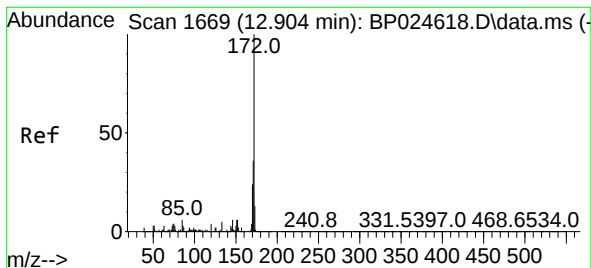
Ion Ratio Lower Upper

330 100

332 96.2 78.2 117.4

141 25.4 24.3 36.5

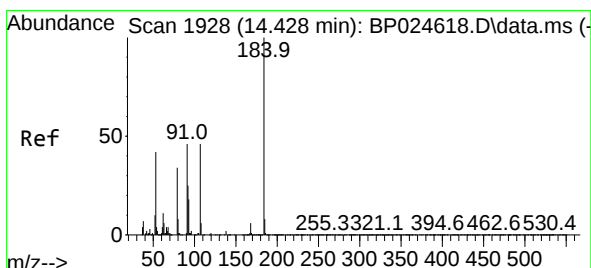
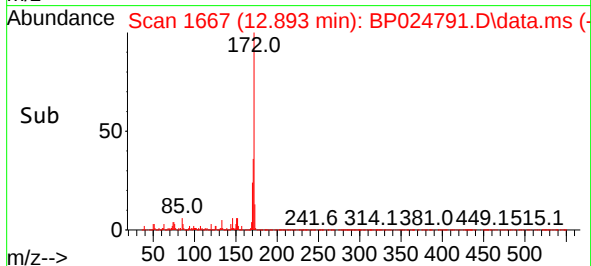
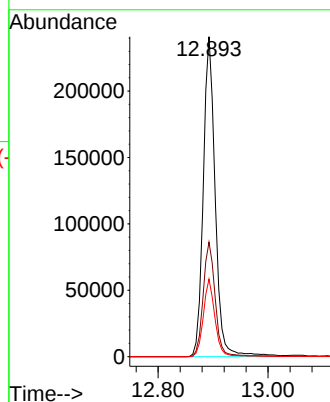
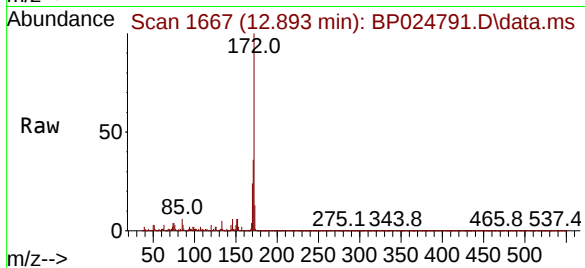




#45
2-Fluorobiphenyl
Concen: 17.471 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

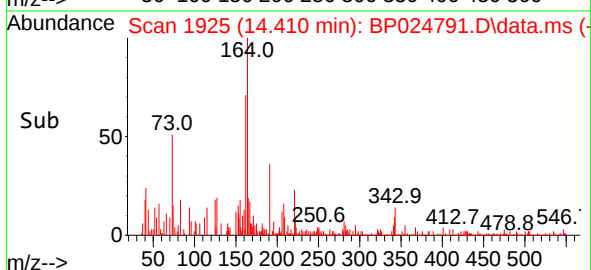
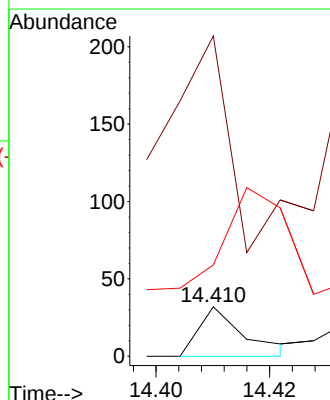
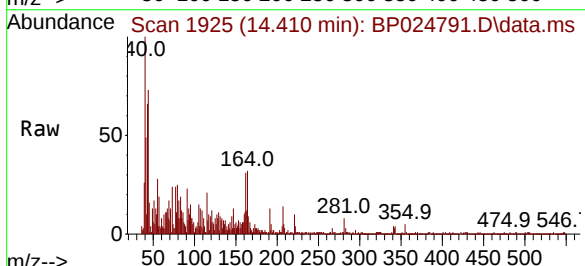
Instrument :
BNA_P
ClientSampleId :
WATER-COMPDL

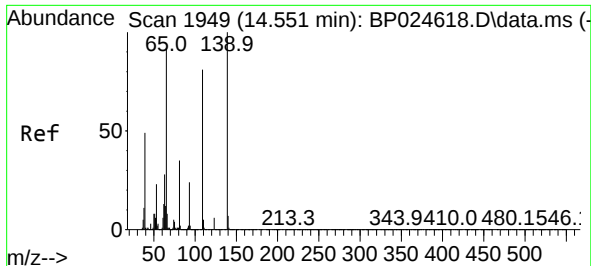
Tgt Ion:172 Resp: 364446
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.2 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.407 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 646.9 51.3 76.9#
154 184.4 53.5 80.3#

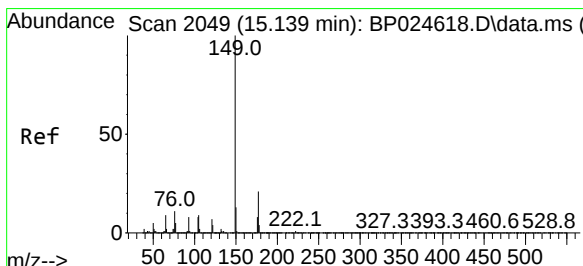
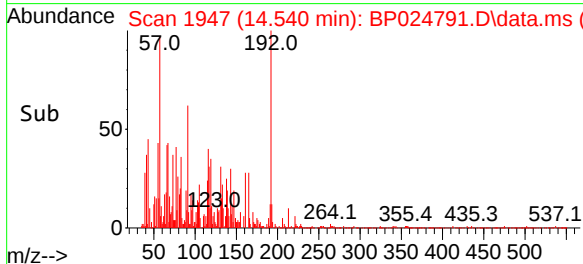
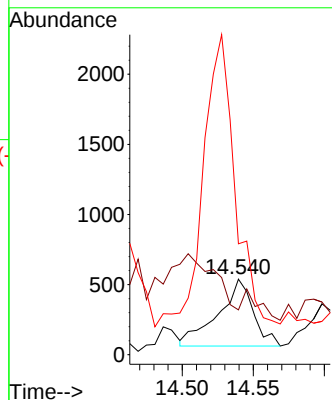
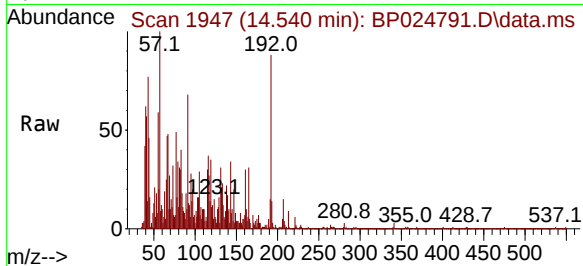




#56
4-Nitrophenol
Concen: 4.435 ng
RT: 14.540 min Scan# 1949
Delta R.T. -0.011 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

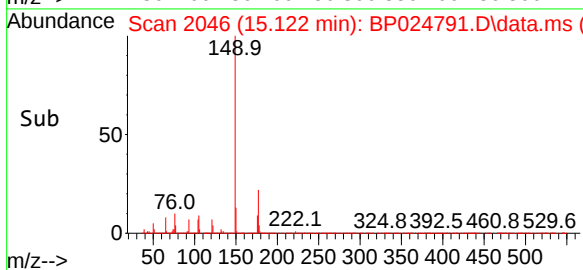
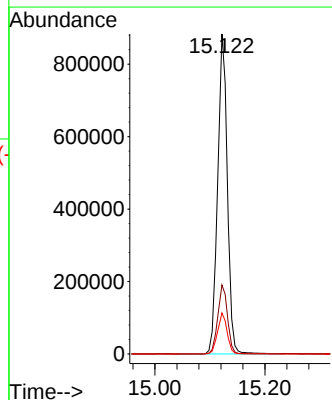
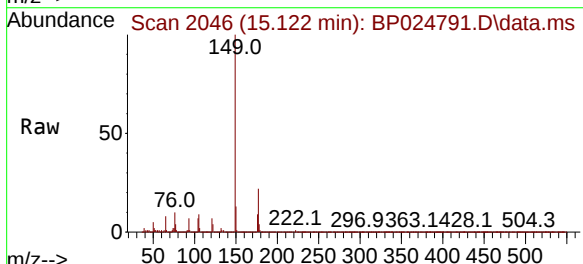
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BNA_P
ClientSampleId :
WATER-COMPDL

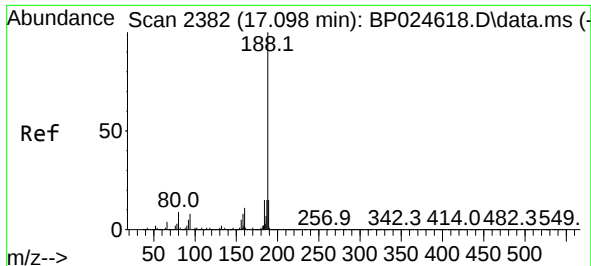
Tgt Ion:139 Resp: 824
Ion Ratio Lower Upper
139 100
109 59.4 61.4 101.4#
65 146.8 72.2 112.2#



#60
Diethylphthalate
Concen: 51.424 ng
RT: 15.122 min Scan# 2046
Delta R.T. -0.018 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

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

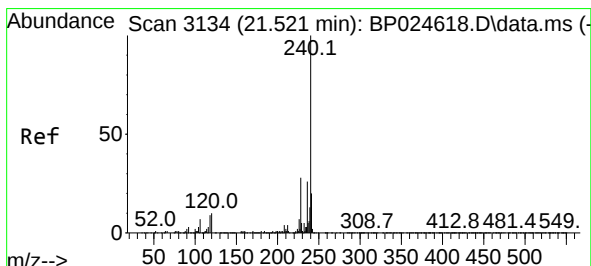
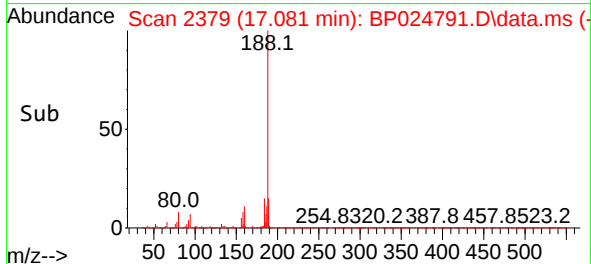
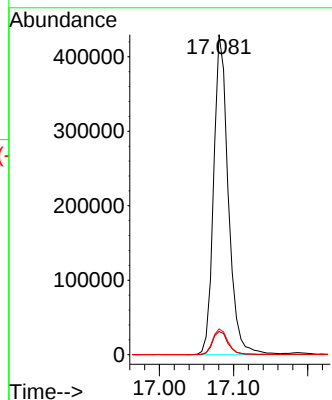
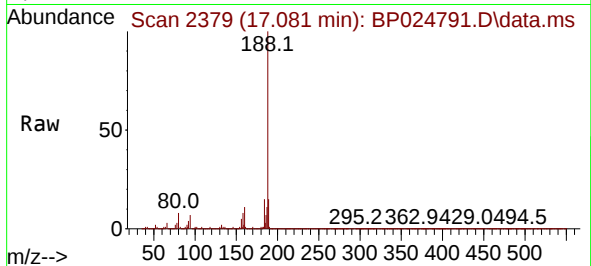




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024791.D
Acq: 23 May 2025 13:45

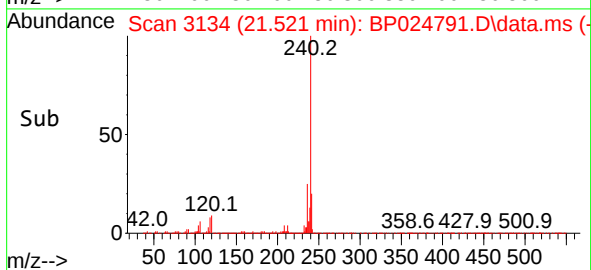
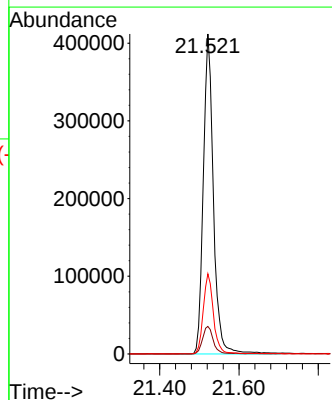
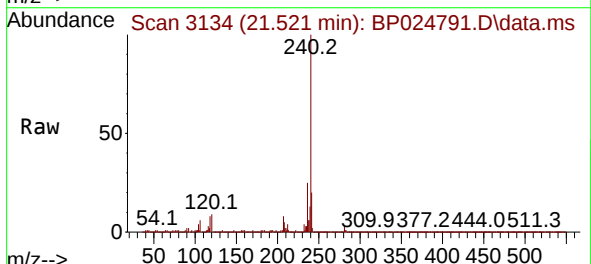
Instrument :
BNA_P
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WATER-COMPDL

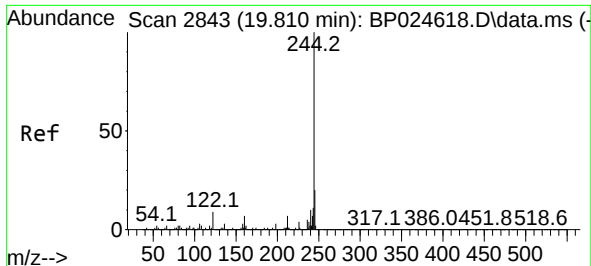
Tgt Ion:188 Resp: 589852
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 8.0 7.3 10.9



#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

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

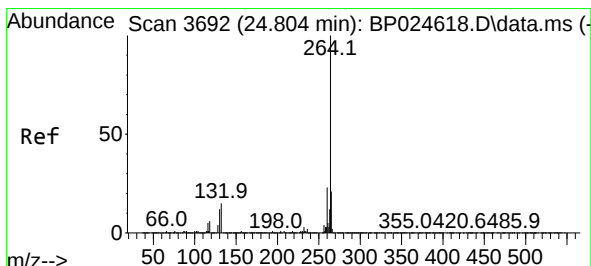
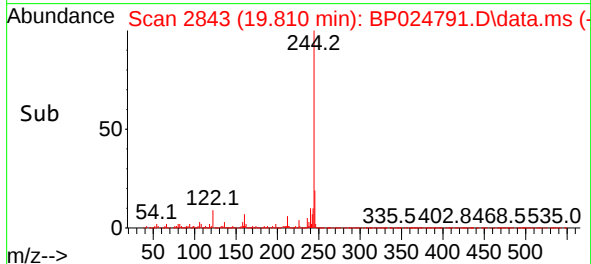
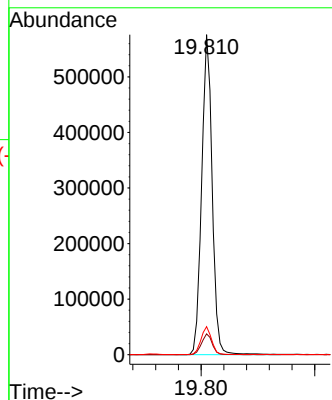
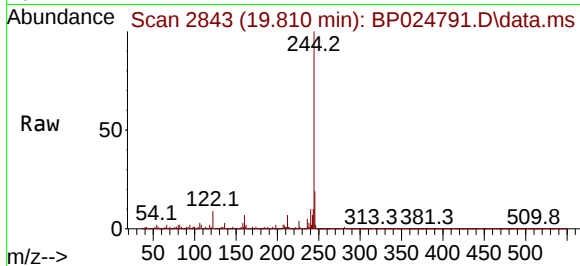




#79
 Terphenyl-d14
 Concen: 17.334 ng
 RT: 19.810 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP024791.D
 Acq: 23 May 2025 13:45

Instrument :
 BNA_P
 ClientSampleId :
 WATER-COMPDL

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# 3692
 Delta R.T. 0.000 min
 Lab File: BP024791.D
 Acq: 23 May 2025 13:45

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

