

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
 Data File : BP024185.D
 Acq On : 18 Mar 2025 13:57
 Operator : RC/JU
 Sample : Q1583-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EFF-WASTE WATER

Quant Time: Mar 18 14:18:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

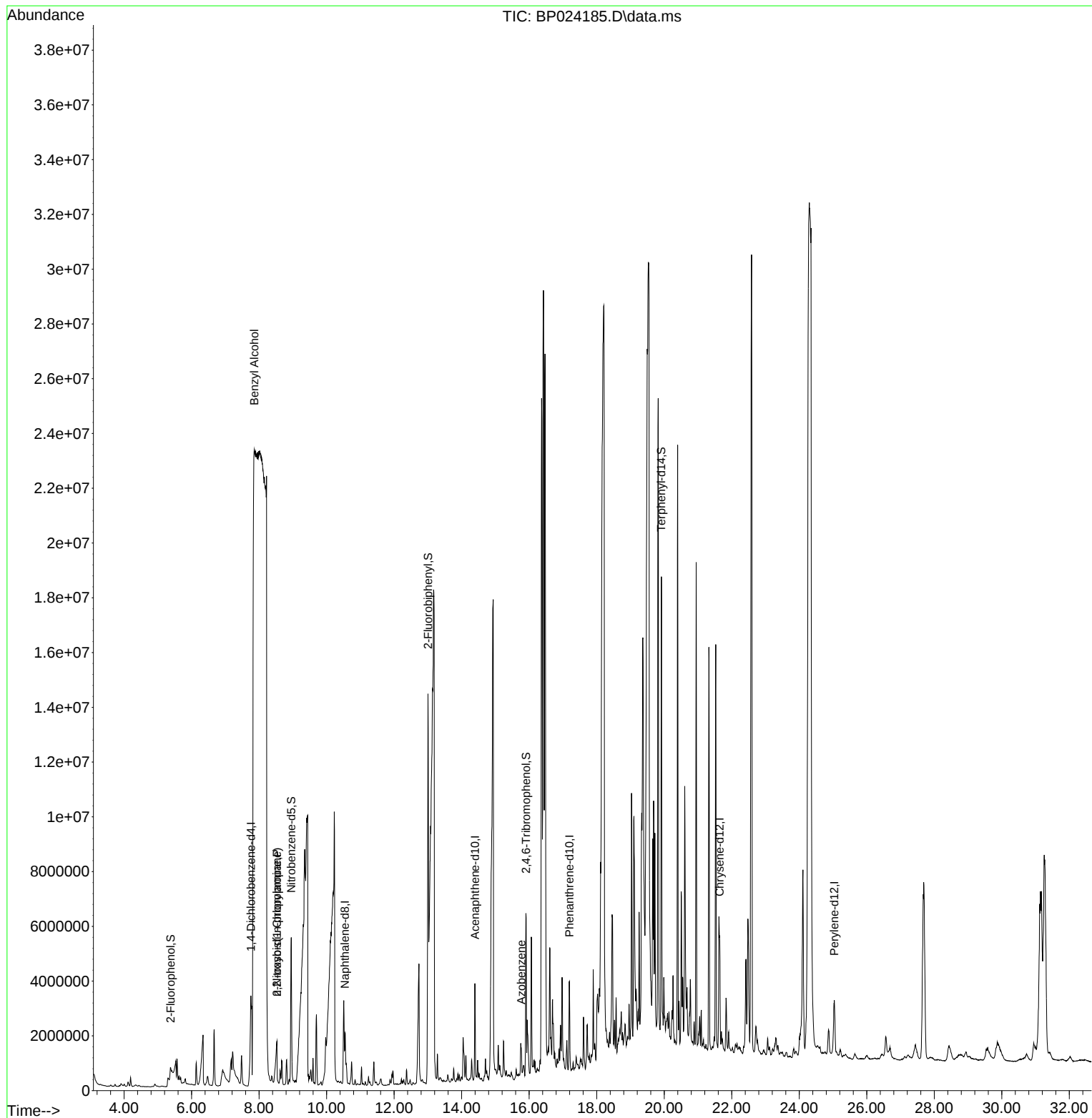
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	457444	20.000	ng	-0.01
21) Naphthalene-d8	10.546	136	1832298	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	1103670	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1992010	20.000	ng	-0.01
76) Chrysene-d12	21.645	240	1940679	20.000	ng	-0.01
86) Perylene-d12	25.039	264	2196024	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	429957	15.004	ng	0.00
7) Phenol-d6	6.922	99	5652	0.147	ng	-0.03
23) Nitrobenzene-d5	8.952	82	2842794	87.537	ng	0.03
42) 2,4,6-Tribromophenol	15.910	330	1282041	92.219	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	5726243	76.504	ng	-0.01
79) Terphenyl-d14	19.916	244	9002320	95.754	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.858	79	68812	2.836	ng	# 31
16) 2,2'-oxybis(1-Chloropr...	8.528	45	156450	5.025	ng	71
19) n-Nitroso-di-n-propyla...	8.528	70	154036	6.929	ng	# 43
63) Azobenzene	15.769	77	200706	2.769	ng	# 1

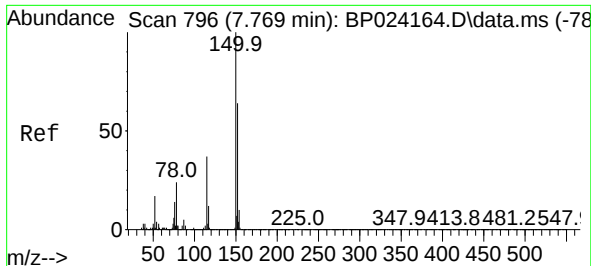
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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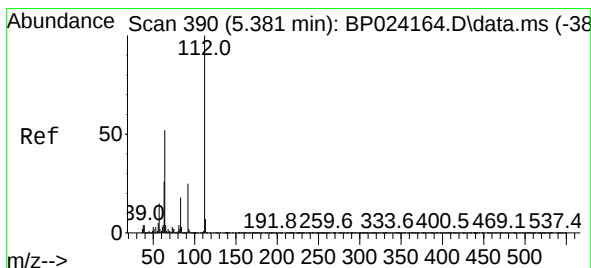
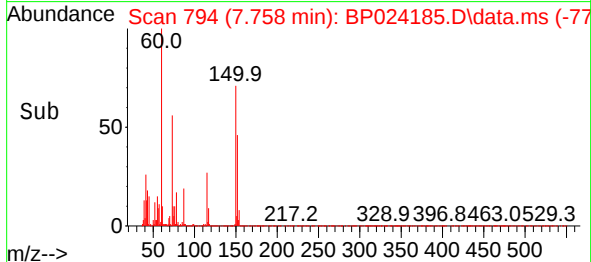
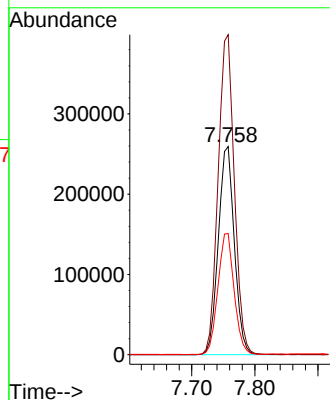
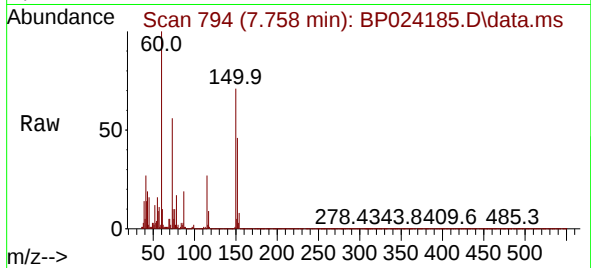




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 796
Delta R.T. -0.011 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

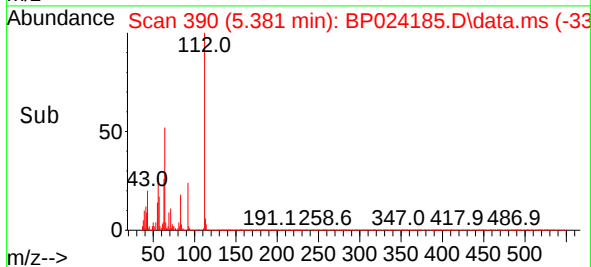
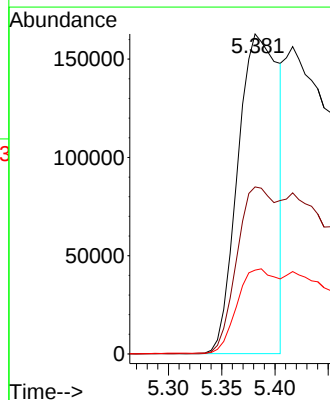
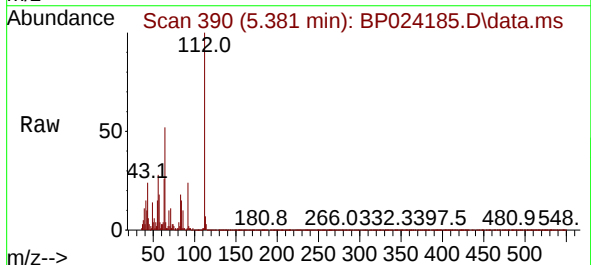
Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

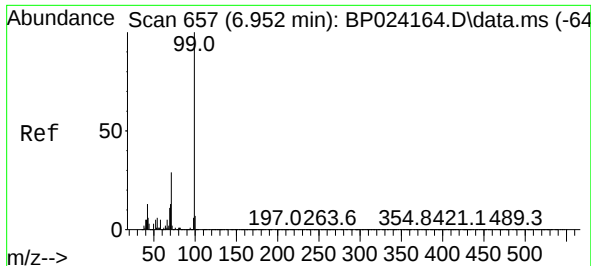
Tgt Ion:152 Resp: 457444
Ion Ratio Lower Upper
152 100
150 153.8 125.5 188.3
115 58.2 46.3 69.5



#5
2-Fluorophenol
Concen: 15.004 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.000 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Tgt Ion:112 Resp: 429957
Ion Ratio Lower Upper
112 100
64 52.2 41.3 61.9
63 26.2 20.6 31.0

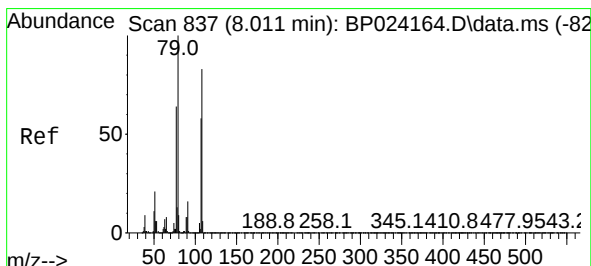
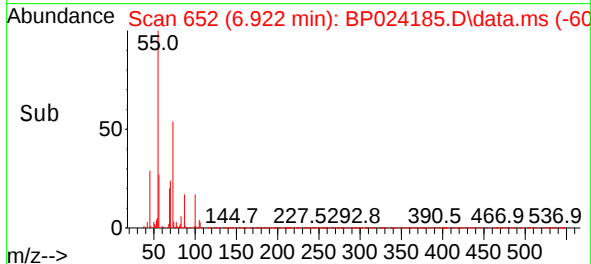
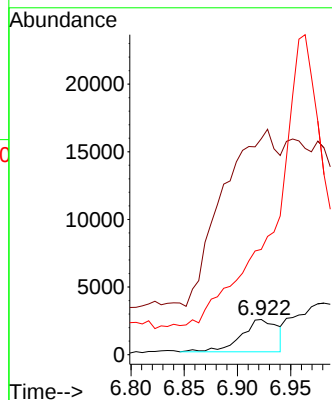
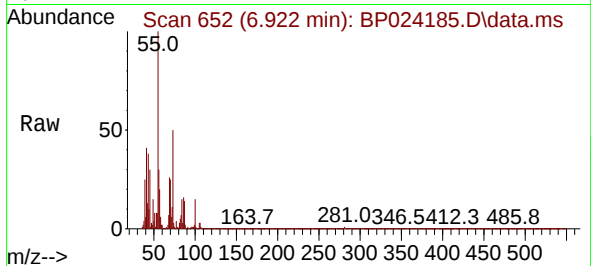




#7
Phenol-d6
Concen: 0.147 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.029 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

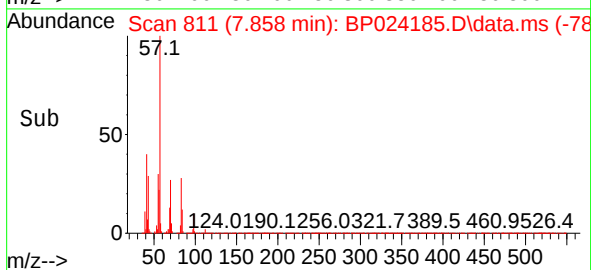
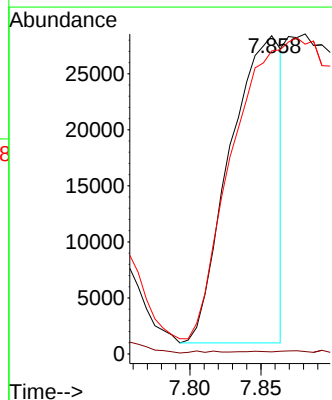
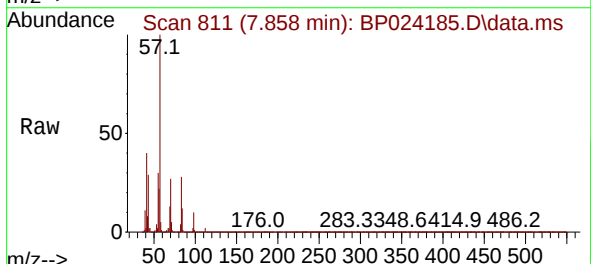
Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

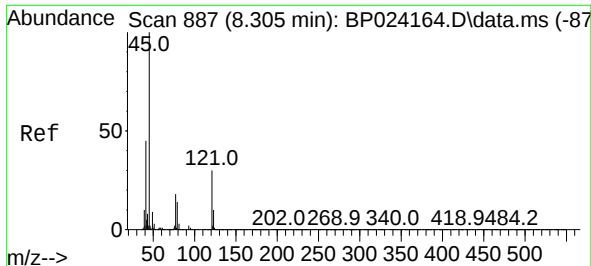
Tgt Ion: 99 Resp: 5652
Ion Ratio Lower Upper
99 100
42 613.7 10.6 16.0#
71 299.3 23.3 34.9#



#15
Benzyl Alcohol
Concen: 2.836 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.153 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Tgt Ion: 79 Resp: 68812
Ion Ratio Lower Upper
79 100
108 0.6 66.5 99.7#
77 95.2 50.9 76.3#





#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.025 ng

RT: 8.528 min Scan# 91

Delta R.T. 0.224 min

Lab File: BP024185.D

Acq: 18 Mar 2025 13:57

Instrument :

BNA_P

ClientSampleId :

EFF-WASTE WATER

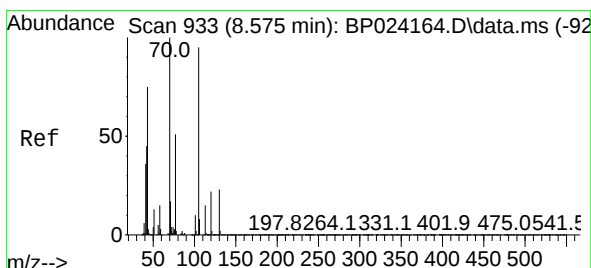
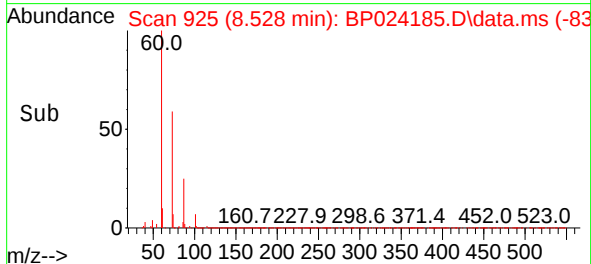
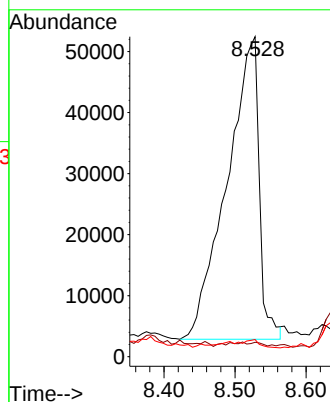
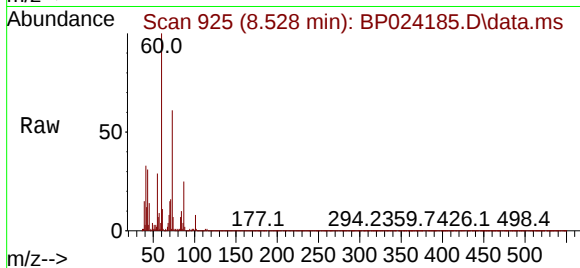
Tgt Ion: 45 Resp: 156450

Ion Ratio Lower Upper

45 100

77 4.5 0.0 39.0

79 5.3 0.0 35.6



#19

n-Nitroso-di-n-propylamine

Concen: 6.929 ng

RT: 8.528 min Scan# 925

Delta R.T. -0.047 min

Lab File: BP024185.D

Acq: 18 Mar 2025 13:57

Tgt Ion: 70 Resp: 154036

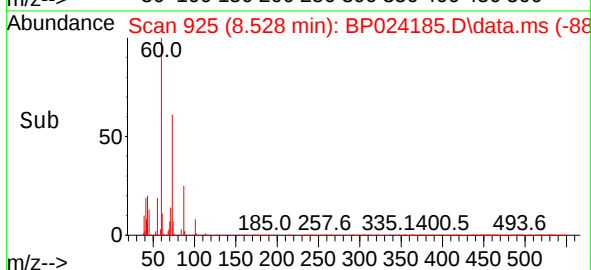
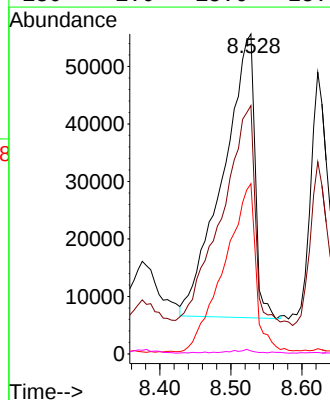
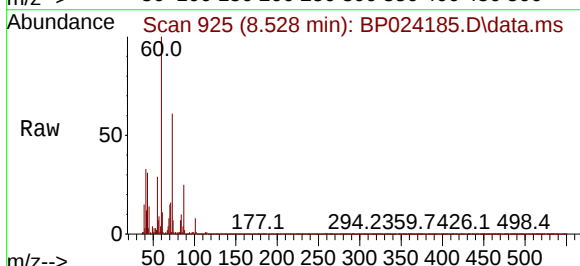
Ion Ratio Lower Upper

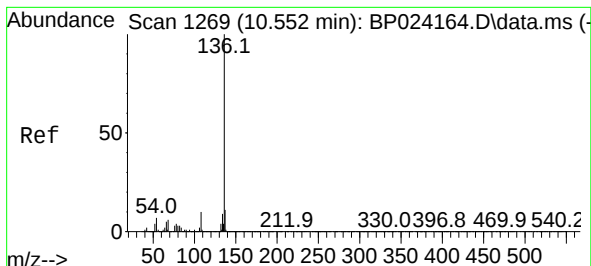
70 100

42 77.6 36.0 54.0#

101 53.2 8.3 12.5#

130 1.0 18.6 28.0#

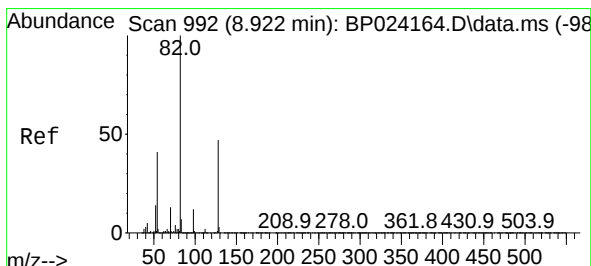
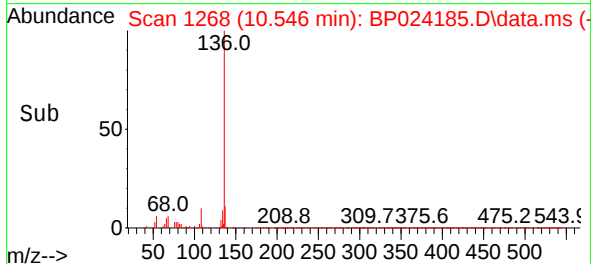
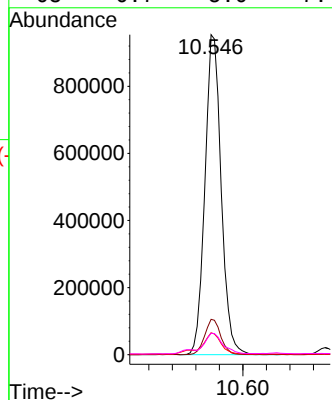
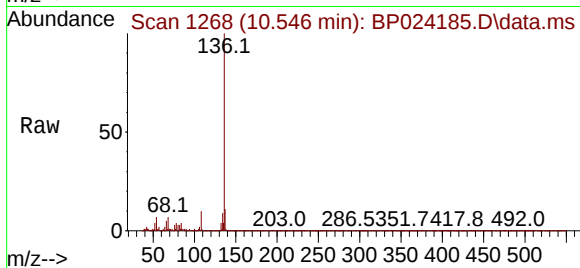




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

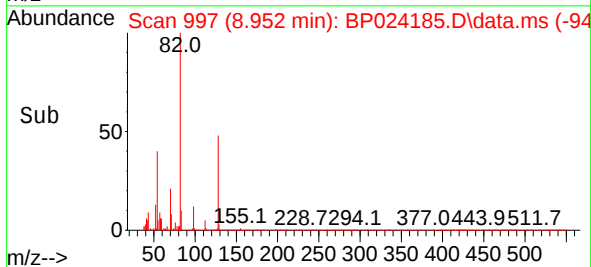
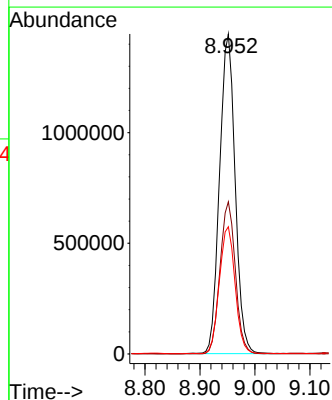
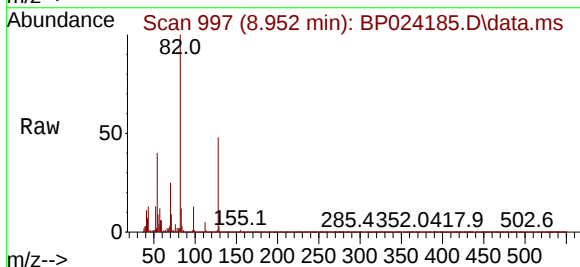
Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

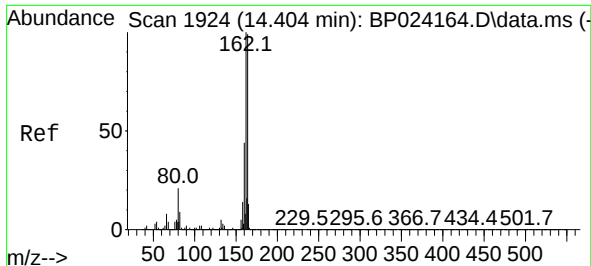
Tgt Ion:136 Resp: 1832298
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.8 5.3 7.9
68 6.7 5.0 7.4



#23
Nitrobenzene-d5
Concen: 87.537 ng
RT: 8.952 min Scan# 997
Delta R.T. 0.029 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Tgt Ion: 82 Resp: 2842794
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.0
54 39.8 32.5 48.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.393 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024185.D

Acq: 18 Mar 2025 13:57

Instrument :

BNA_P

ClientSampleId :

EFF-WASTE WATER

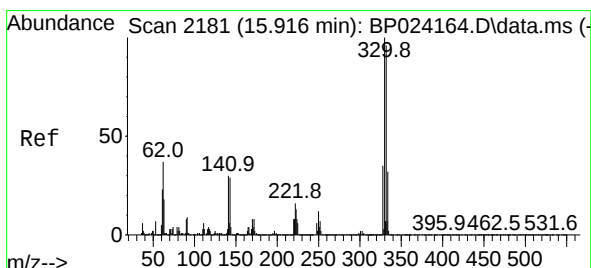
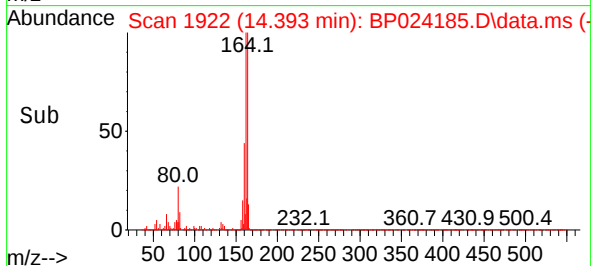
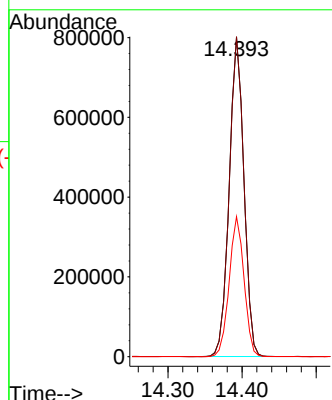
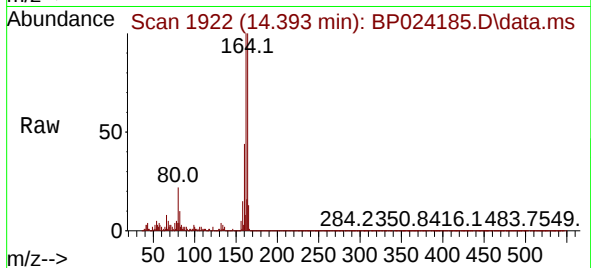
Tgt Ion:164 Resp: 1103670

Ion Ratio Lower Upper

164 100

162 100.1 80.6 121.0

160 43.8 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 92.219 ng

RT: 15.910 min Scan# 2180

Delta R.T. -0.006 min

Lab File: BP024185.D

Acq: 18 Mar 2025 13:57

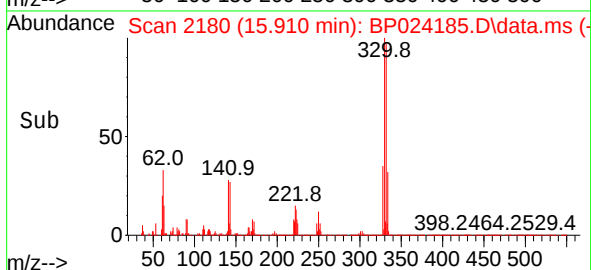
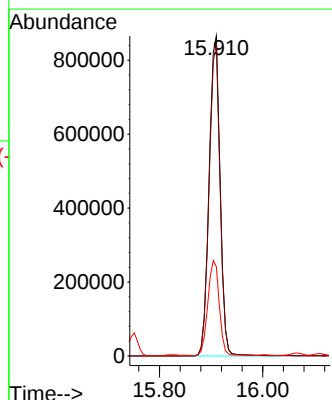
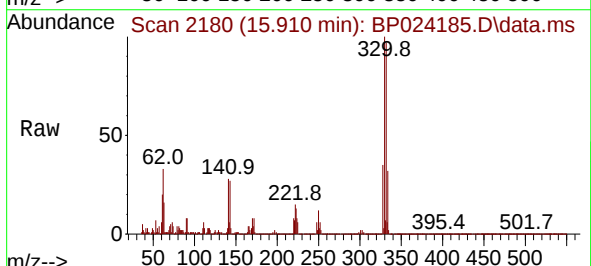
Tgt Ion:330 Resp: 1282041

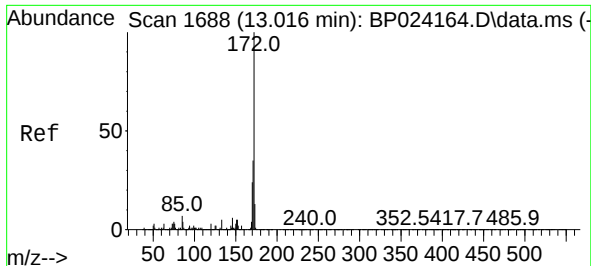
Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

141 30.7 25.0 37.6





#45

2-Fluorobiphenyl

Concen: 76.504 ng

RT: 13.004 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024185.D

Acq: 18 Mar 2025 13:57

Instrument :

BNA_P

ClientSampleId :

EFF-WASTE WATER

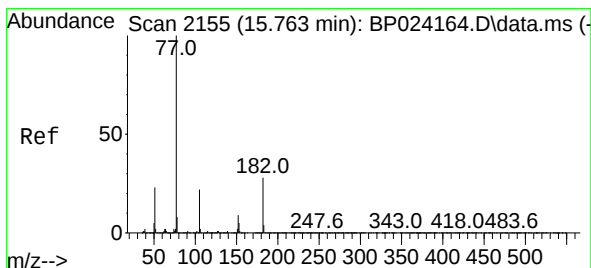
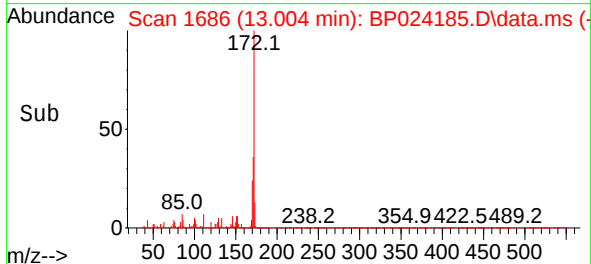
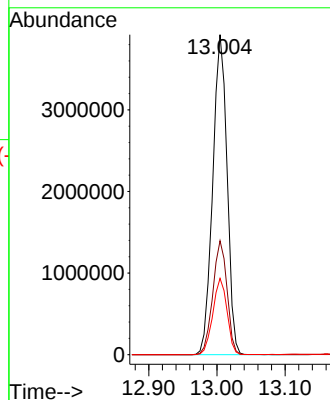
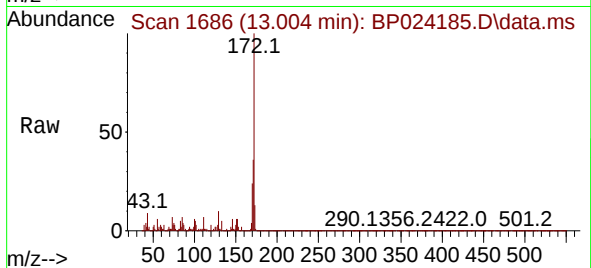
Tgt Ion:172 Resp: 5726243

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.9 19.0 28.4



#63

Azobenzene

Concen: 2.769 ng

RT: 15.769 min Scan# 2156

Delta R.T. 0.006 min

Lab File: BP024185.D

Acq: 18 Mar 2025 13:57

Tgt Ion: 77 Resp: 200706

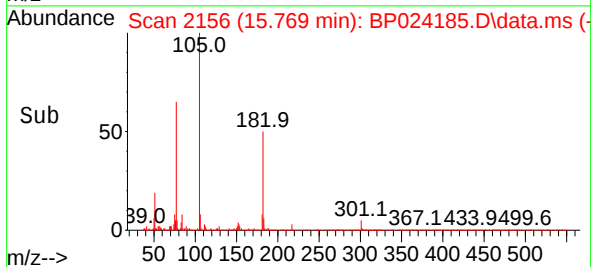
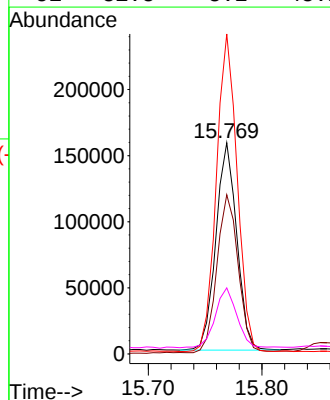
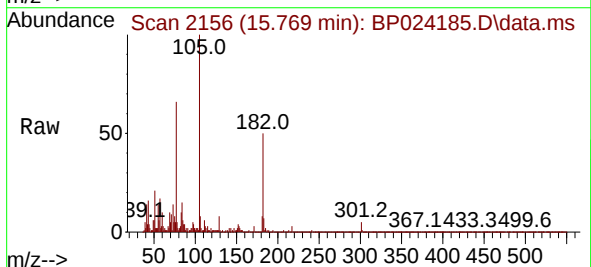
Ion Ratio Lower Upper

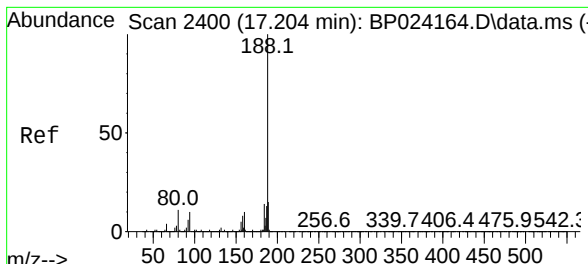
77 100

182 75.4 7.7 47.7#

105 151.5 2.3 42.3#

51 31.3 3.2 43.2



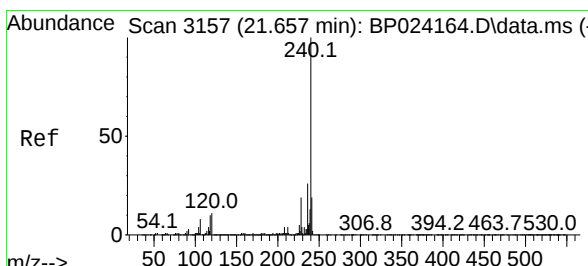
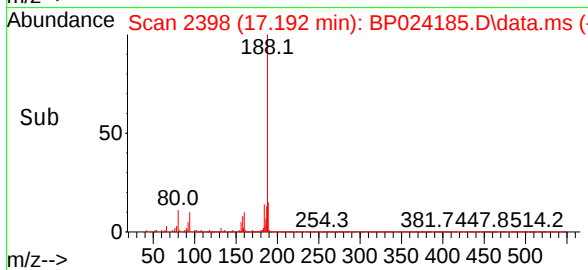
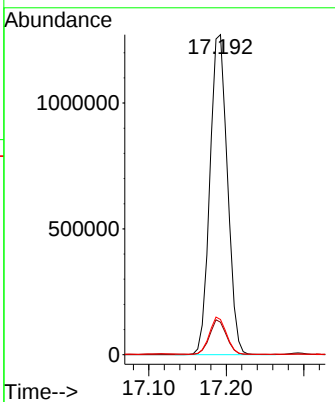
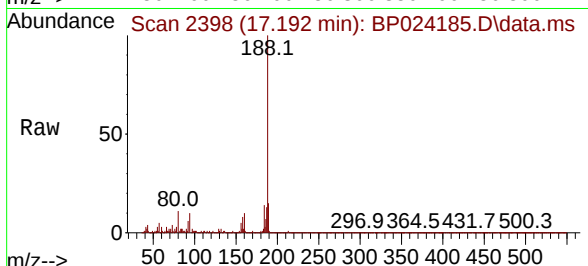


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.192 min Scan# 2400
 Delta R.T. -0.012 min
 Lab File: BP024185.D
 Acq: 18 Mar 2025 13:57

Instrument :
 BNA_P
 ClientSampleId :
 EFF-WASTE WATER

Tgt Ion:188 Resp: 1992010

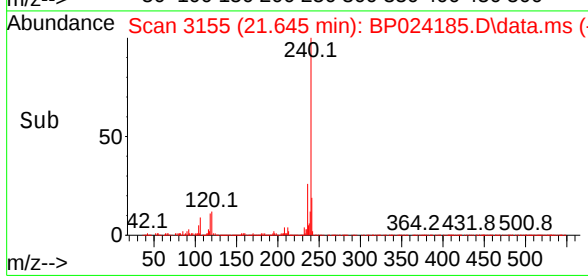
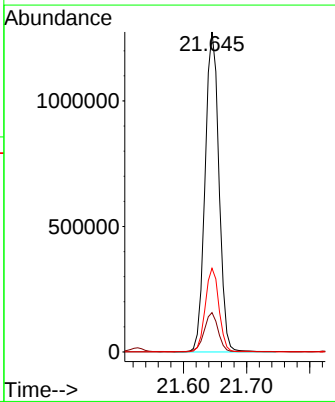
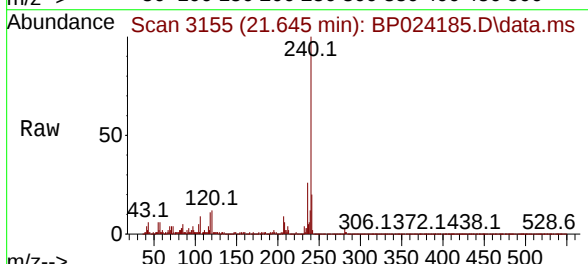
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	11.0	8.9	13.3

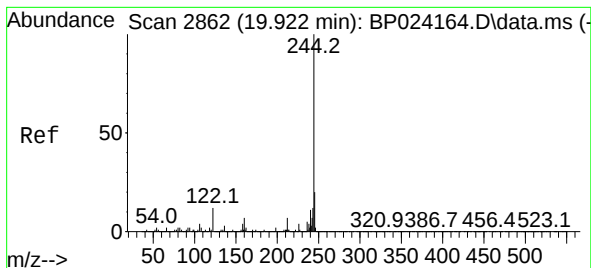


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.645 min Scan# 3155
 Delta R.T. -0.012 min
 Lab File: BP024185.D
 Acq: 18 Mar 2025 13:57

Tgt Ion:240 Resp: 1940679

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.2	13.8
236	26.2	20.4	30.6





#79

Terphenyl-d14

Concen: 95.754 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024185.D

Acq: 18 Mar 2025 13:57

Instrument :

BNA_P

ClientSampleId :

EFF-WASTE WATER

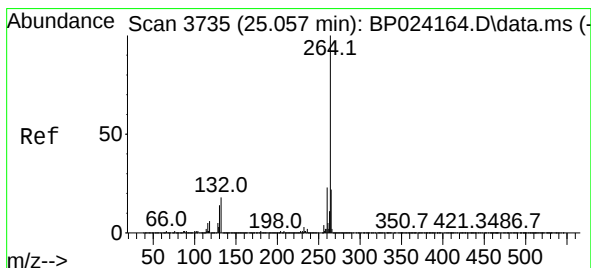
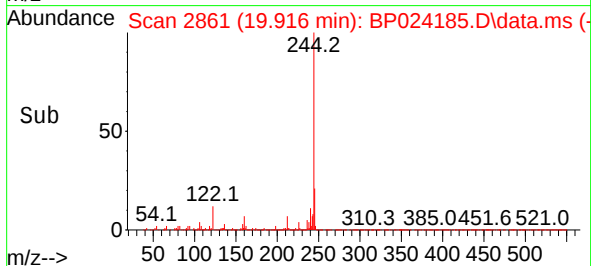
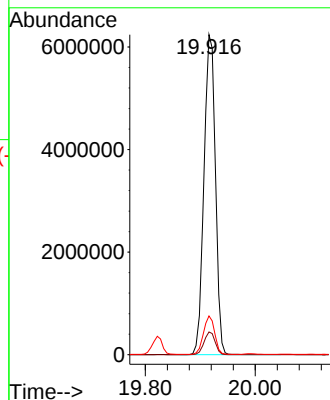
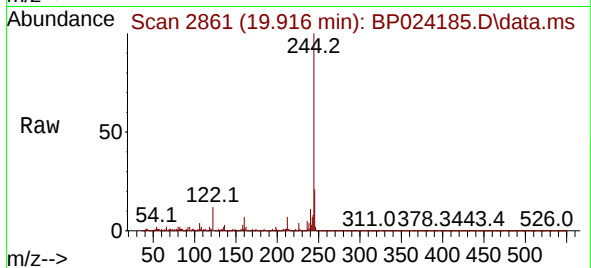
Tgt Ion:244 Resp: 9002320

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.1 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.039 min Scan# 3732

Delta R.T. -0.018 min

Lab File: BP024185.D

Acq: 18 Mar 2025 13:57

Tgt Ion:264 Resp: 2196024

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.6 17.7 26.5

