

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)

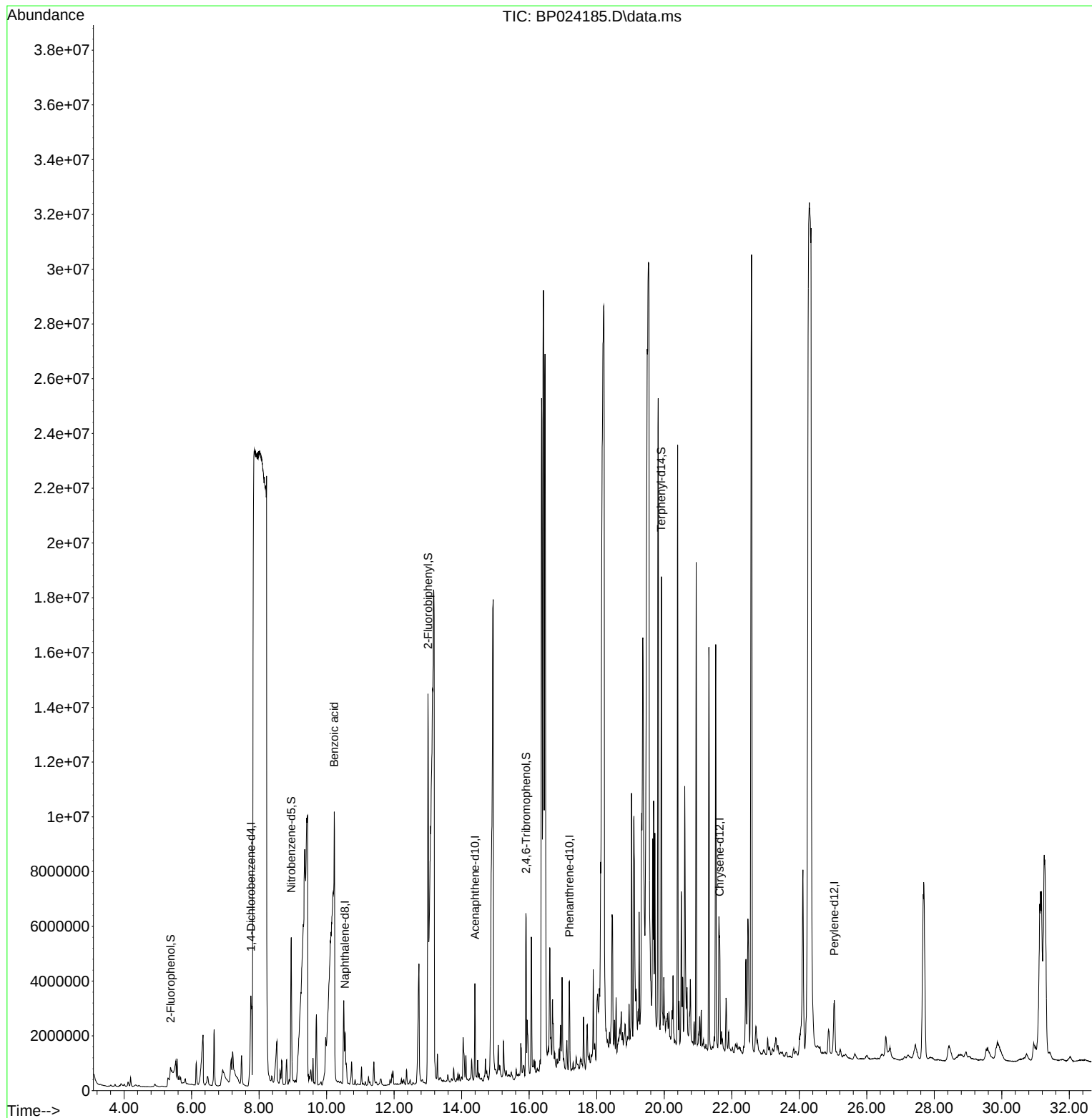
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	457444	20.000	ng	-0.01
21) Naphthalene-d8	10.546	136	1832298	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	1103670	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1992010	20.000	ng	-0.01
76) Chrysene-d12	21.645	240	1940679	20.000	ng	-0.01
86) Perylene-d12	25.039	264	2196024	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1406191m	49.070	ng	0.00
7) Phenol-d6	0.000	99	0d	0.000	ng	
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						
32) Benzoic acid	10.228	122	9911000m	516.442	ng	Qvalue

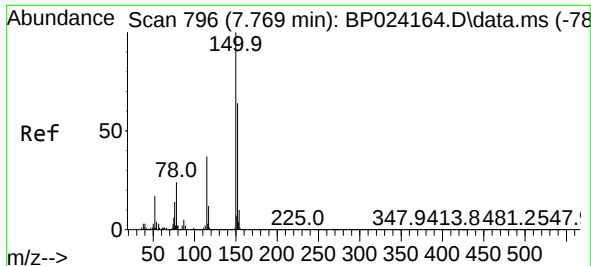
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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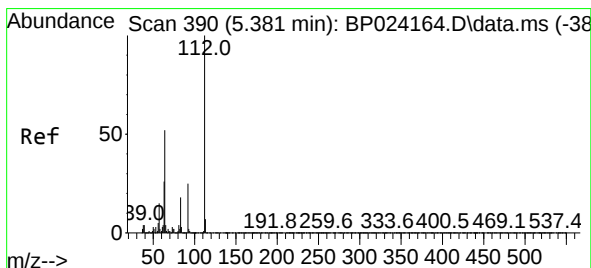
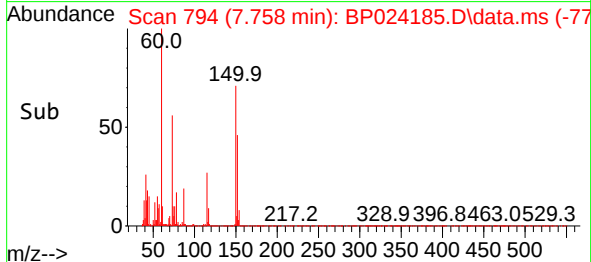
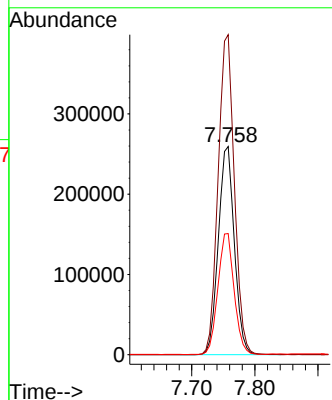
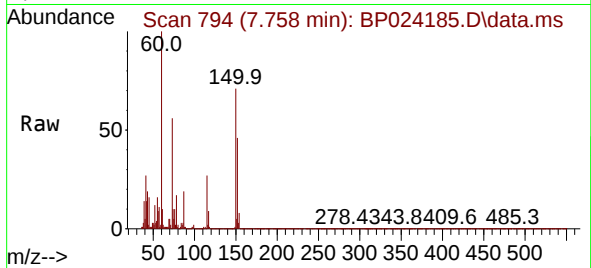




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 796
Delta R.T. -0.011 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

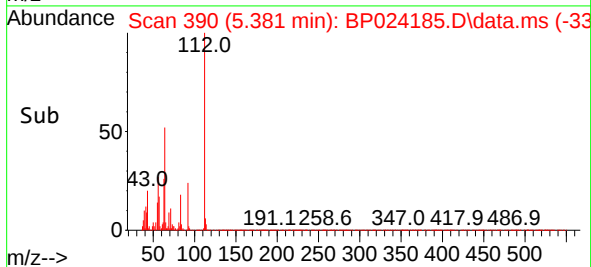
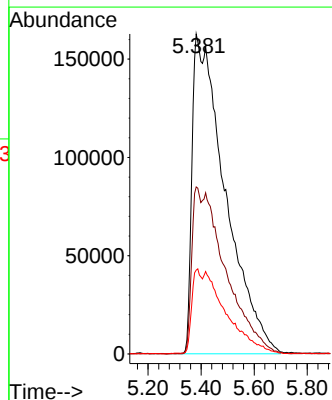
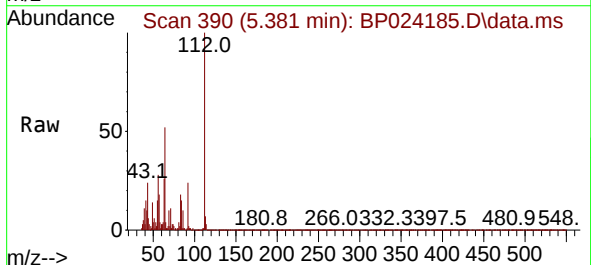
Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

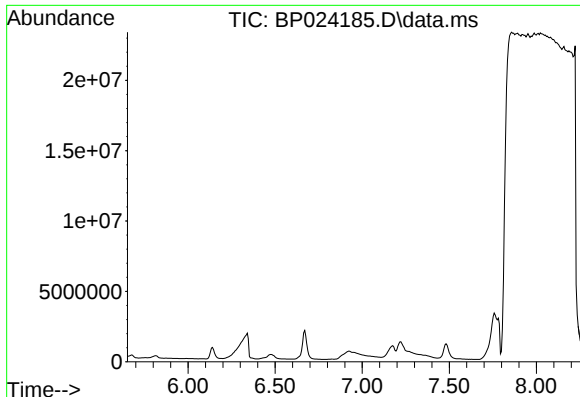
Tgt Ion:152 Resp: 457444
Ion Ratio Lower Upper
152 100
150 153.8 125.5 188.3
115 58.2 46.3 69.5



#5
2-Fluorophenol
Concen: 49.070 ng m
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: 1406191
Ion Ratio Lower Upper
112 100
64 52.2 41.3 61.9
63 26.2 20.6 31.0

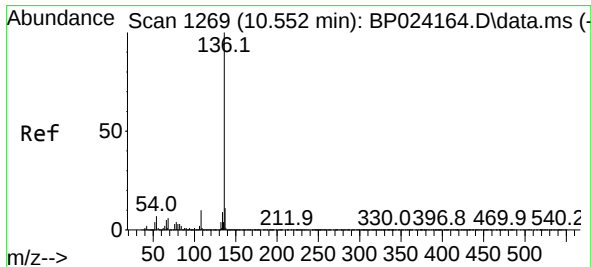
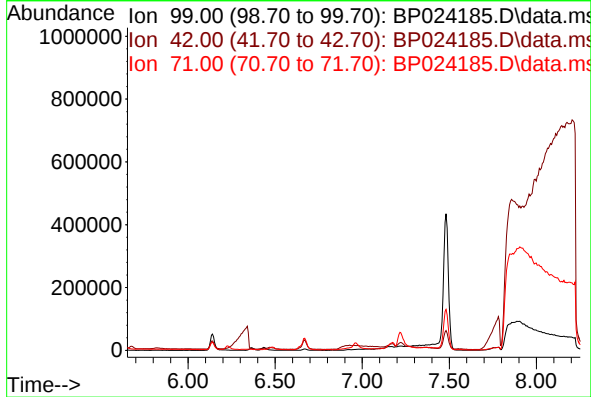




#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.95 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

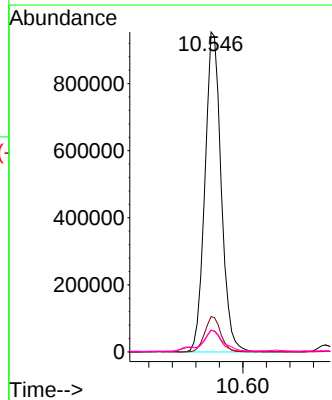
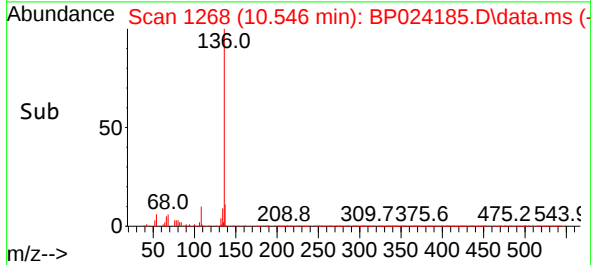
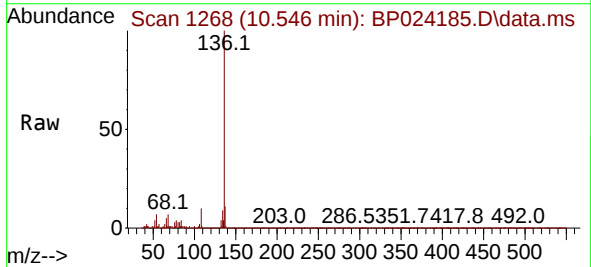
Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

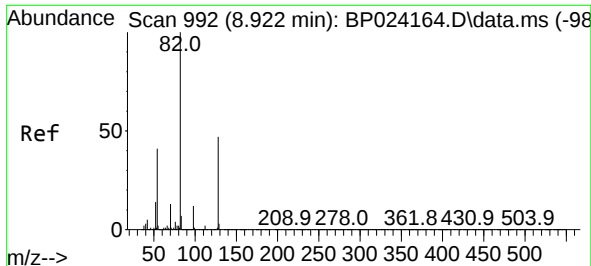
Tgt Ion: 99
Sig Exp Ratio
99 100
42 13.3
71 29.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

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

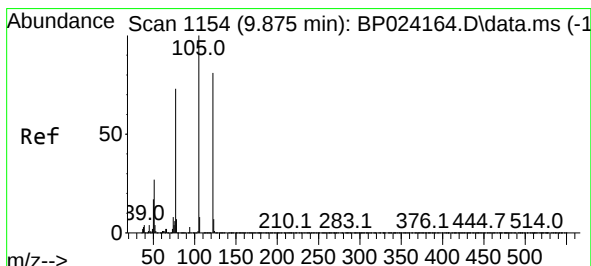
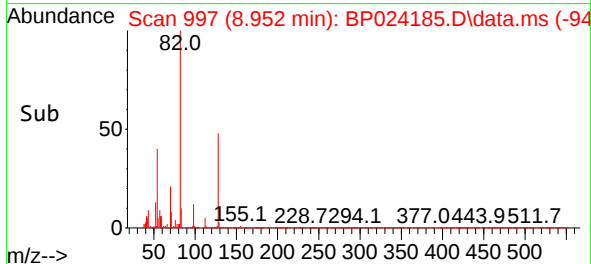
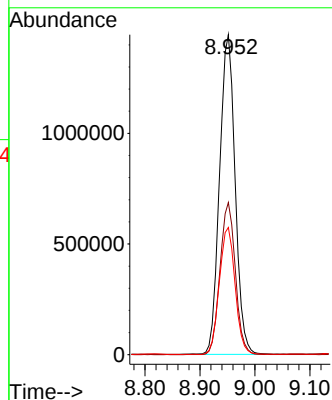
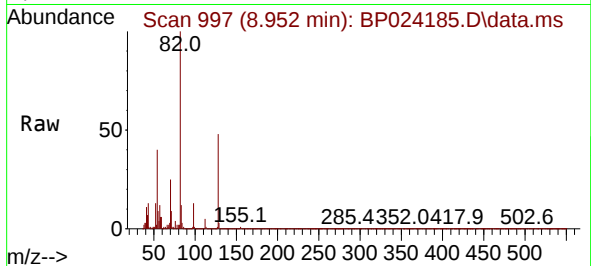




#23
Nitrobenzene-d5
Concen: 87.537 ng
RT: 8.952 min Scan# 91
Delta R.T. 0.029 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

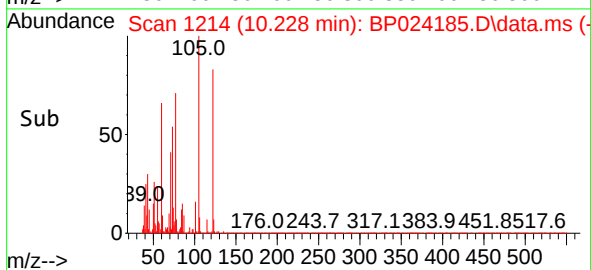
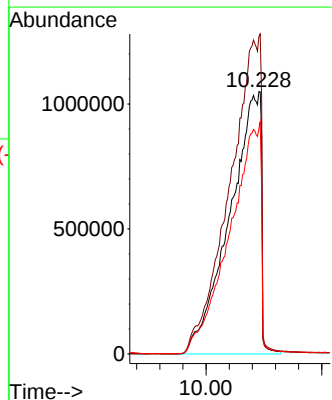
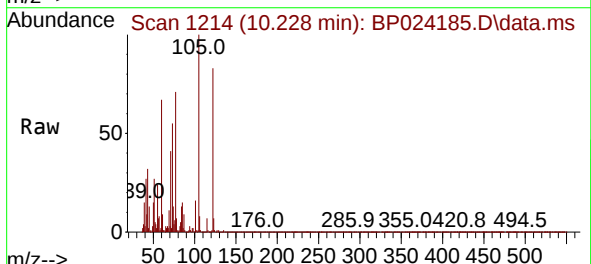
Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

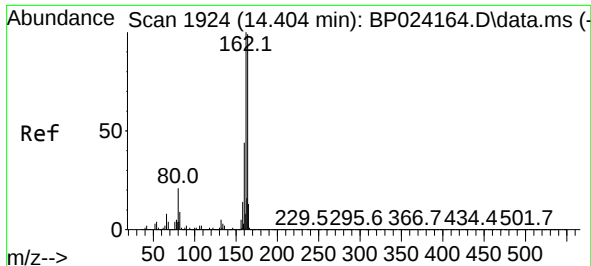
Tgt Ion: 82 Resp: 2842794
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.0
54 39.8 32.5 48.7



#32
Benzoic acid
Concen: 516.442 ng m
RT: 10.228 min Scan# 1214
Delta R.T. 0.353 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Tgt Ion:122 Resp: 9911000
Ion Ratio Lower Upper
122 100
105 121.0 100.3 140.3
77 85.9 69.1 109.1

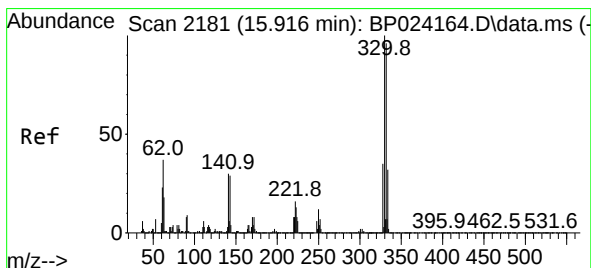
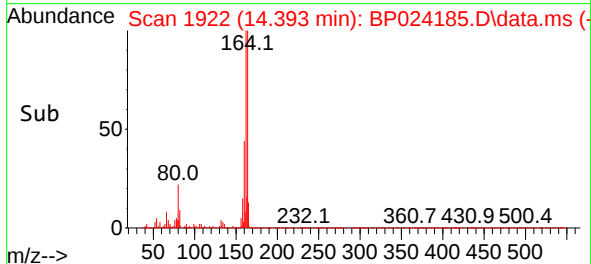
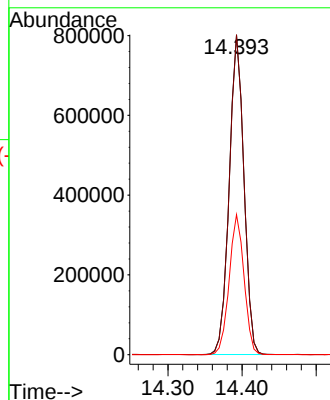
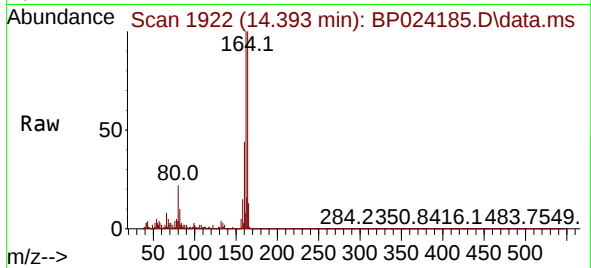




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1922
Delta R.T. -0.012 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

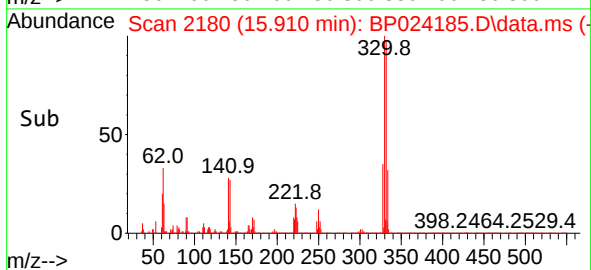
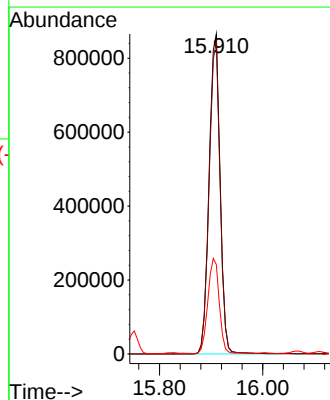
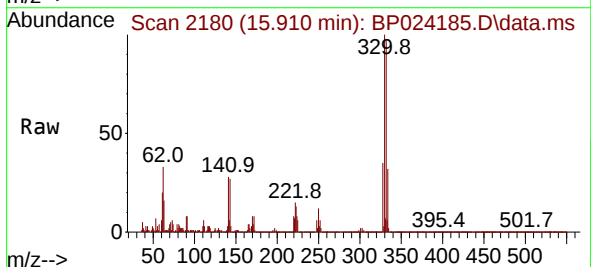
Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

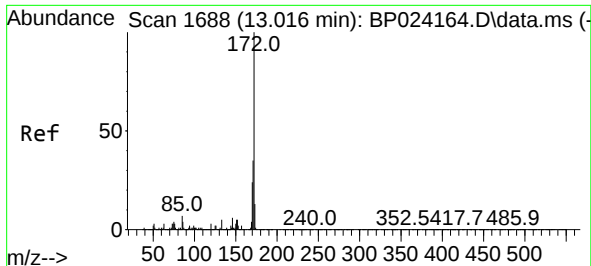
Tgt Ion:164 Resp: 1103670
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 43.8 35.4 53.2



#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

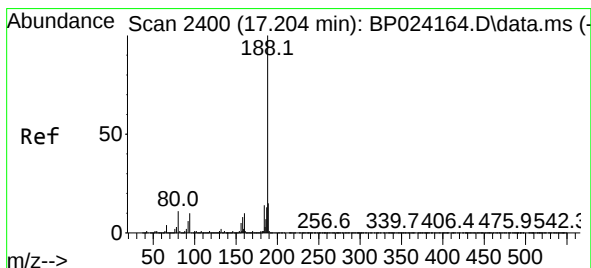
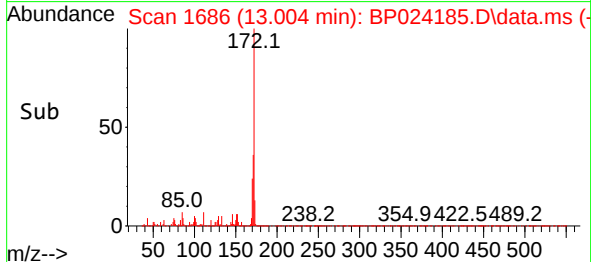
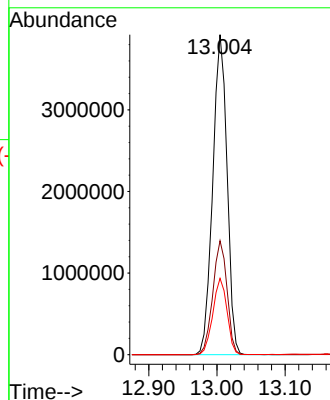
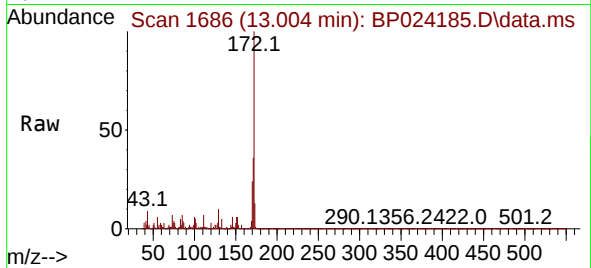




#45
2-Fluorobiphenyl
Concen: 76.504 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

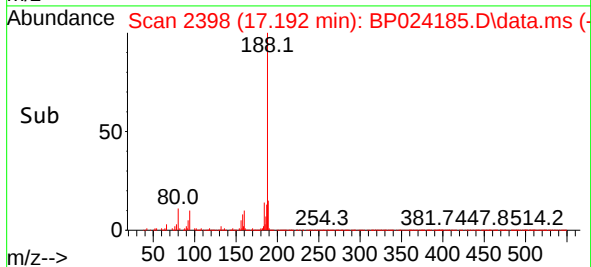
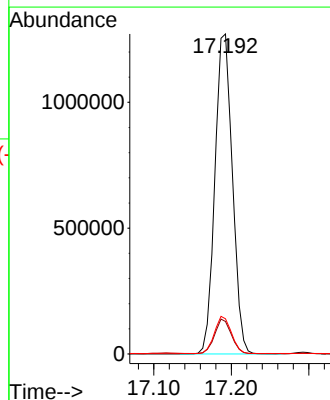
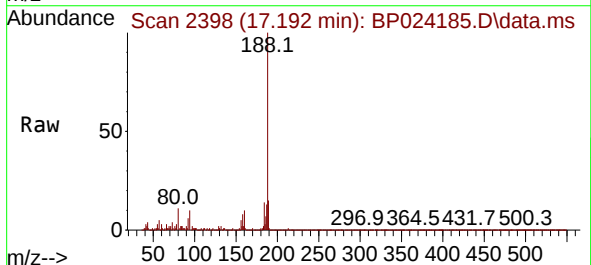
Instrument :
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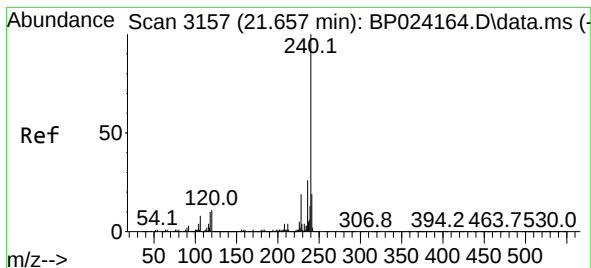
Tgt Ion:172 Resp: 5726243
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.9 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.012 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

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# 3157

Delta R.T. -0.012 min

Lab File: BP024185.D

Acq: 18 Mar 2025 13:57

Instrument :

BNA_P

ClientSampleId :

EFF-WASTE WATER

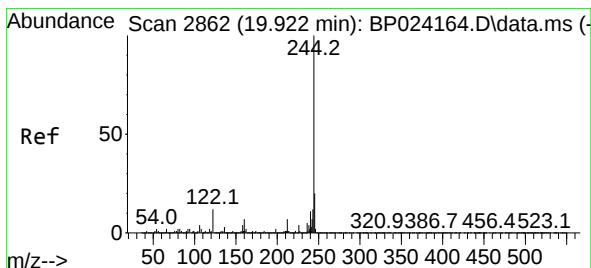
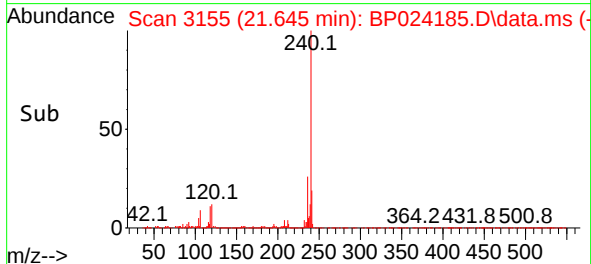
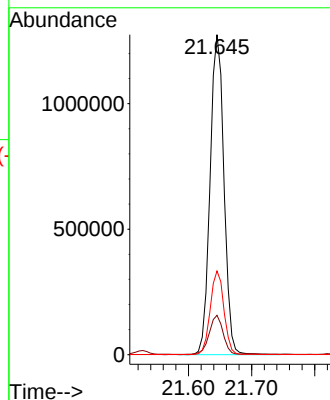
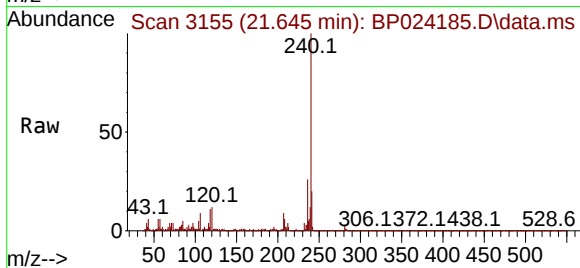
Tgt Ion:240 Resp: 1940679

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# 2861

Delta R.T. -0.006 min

Lab File: BP024185.D

Acq: 18 Mar 2025 13:57

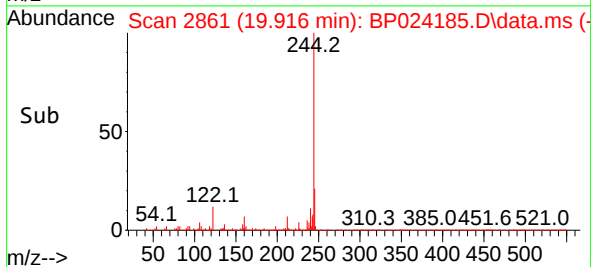
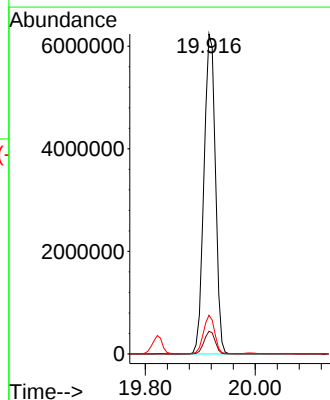
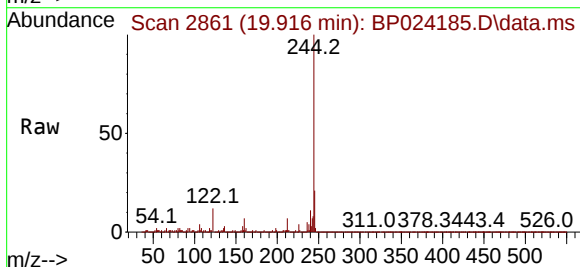
Tgt Ion:244 Resp: 9002320

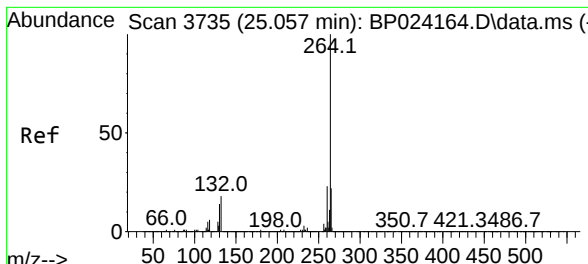
Ion Ratio Lower Upper

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# 31
 Delta R.T. -0.018 min
 Lab File: BP024185.D
 Acq: 18 Mar 2025 13:57

Instrument :
 BNA_P
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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

