

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
 Data File : BM042502.D
 Acq On : 30 Oct 2023 20:07
 Operator : MA/JU
 Sample : 04958-02RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WASTE-WATERRE

Quant Time: Oct 31 03:46:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

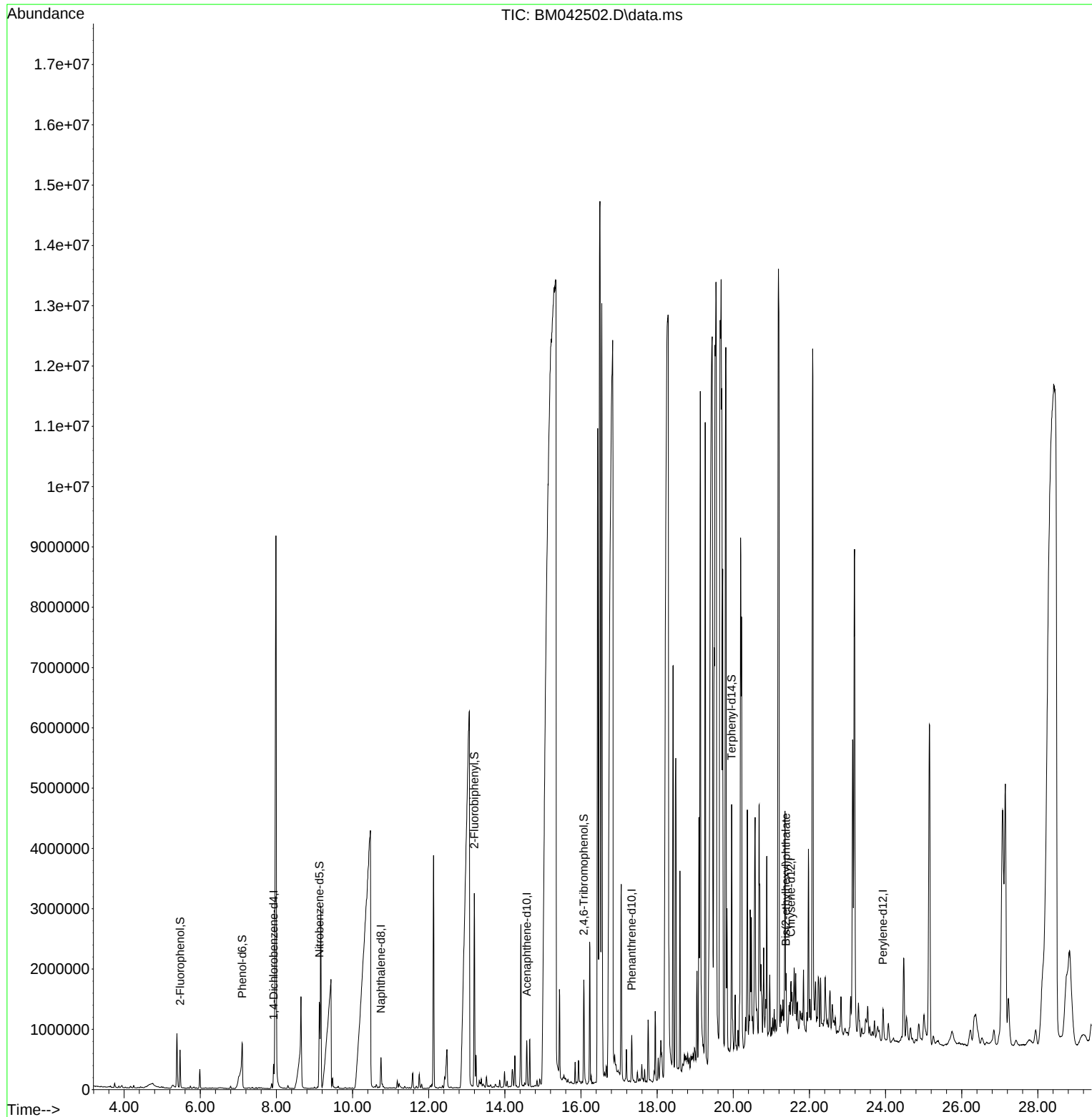
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	95971	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	373312	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	228180	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	437645	20.000	ng	0.00
76) Chrysene-d12	21.515	240	370089	20.000	ng	0.00
86) Perylene-d12	23.932	264	415816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	223751	37.627	ng	0.00
7) Phenol-d6	7.098	99	182687	22.400	ng	0.00
23) Nitrobenzene-d5	9.128	82	783932	97.892	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	262878	88.241	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1463946	86.330	ng	0.00
79) Terphenyl-d14	19.956	244	2001550	91.703	ng	0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.380	149	55672	3.394	ng	96

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

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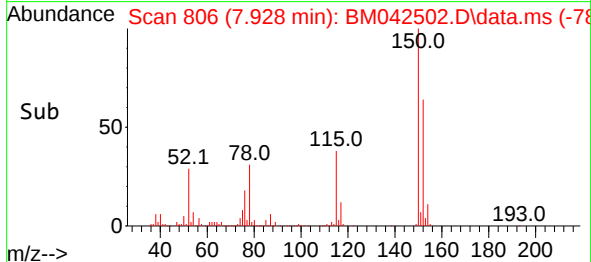
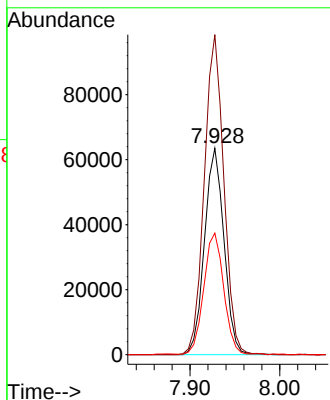
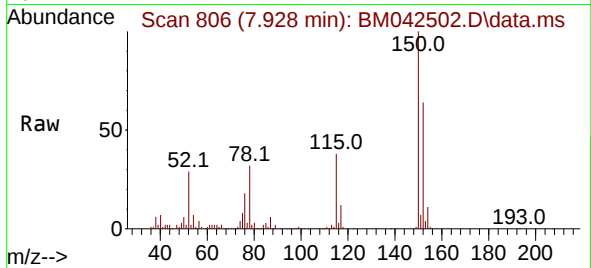




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM042502.D
Acq: 30 Oct 2023 20:07

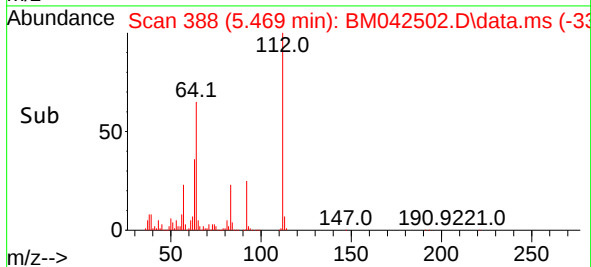
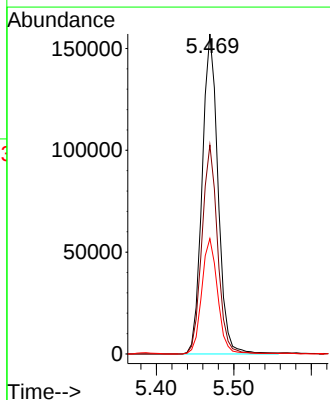
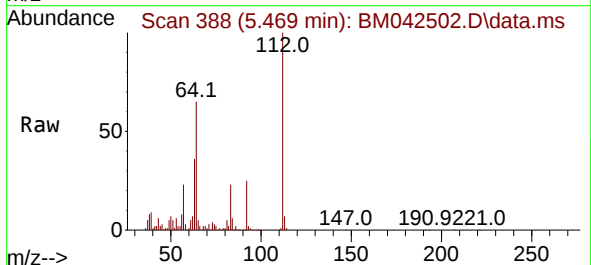
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATERRE

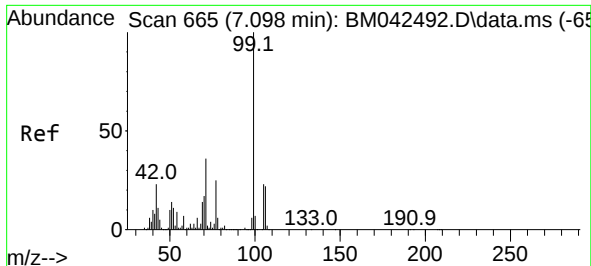
Tgt Ion:152 Resp: 95971
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.0
115 59.0 47.9 71.9



#5
2-Fluorophenol
Concen: 37.627 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.006 min
Lab File: BM042502.D
Acq: 30 Oct 2023 20:07

Tgt Ion:112 Resp: 223751
Ion Ratio Lower Upper
112 100
64 65.3 52.1 78.1
63 36.1 28.3 42.5

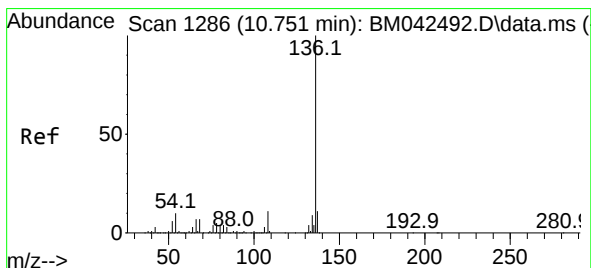
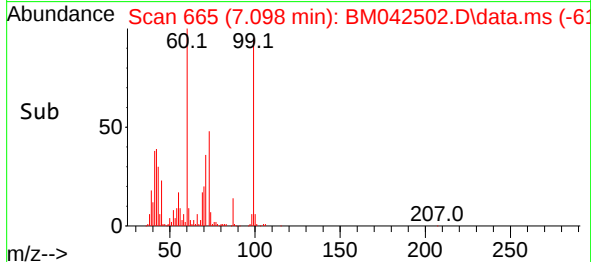
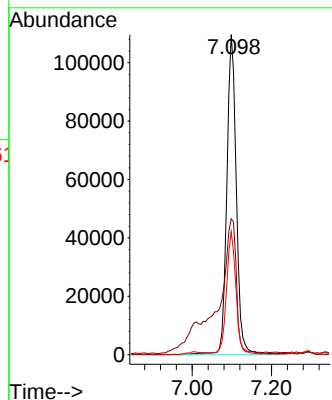
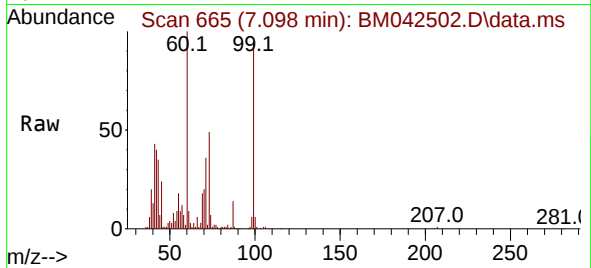




#7
Phenol-d6
Concen: 22.400 ng
RT: 7.098 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM042502.D
Acq: 30 Oct 2023 20:07

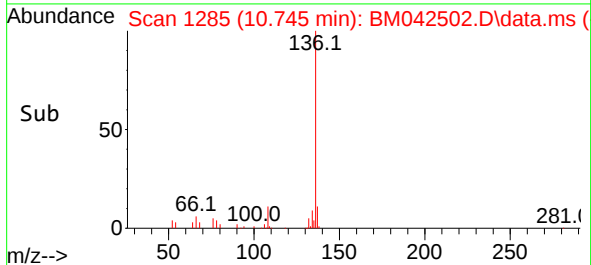
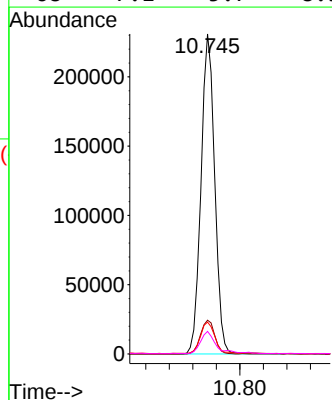
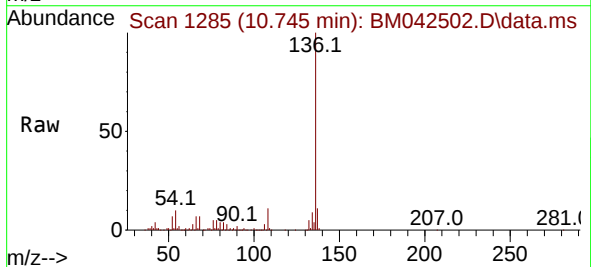
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATERRE

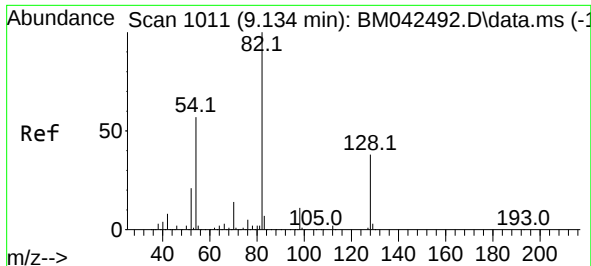
Tgt Ion: 99 Resp: 182687
Ion Ratio Lower Upper
99 100
42 42.5 18.7 28.1#
71 38.4 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM042502.D
Acq: 30 Oct 2023 20:07

Tgt Ion:136 Resp: 373312
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.9 8.0 12.0
68 7.1 5.7 8.5

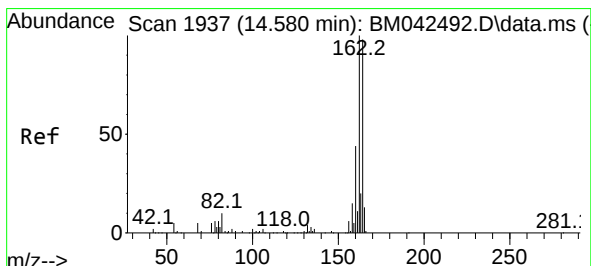
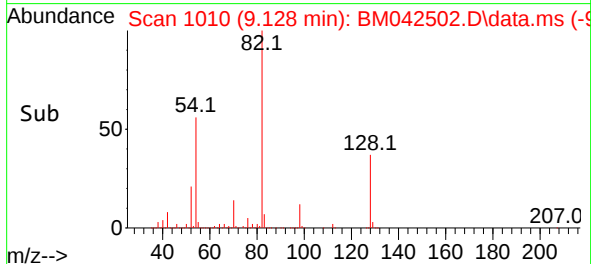
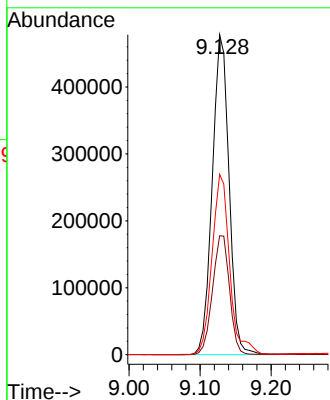
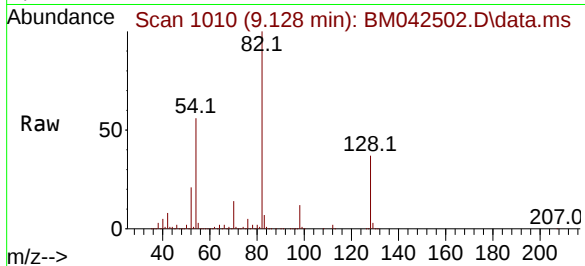




#23
Nitrobenzene-d5
Concen: 97.892 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM042502.D
Acq: 30 Oct 2023 20:07

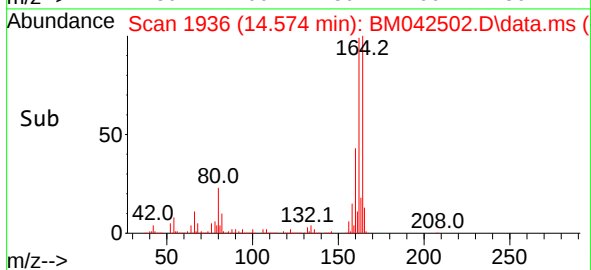
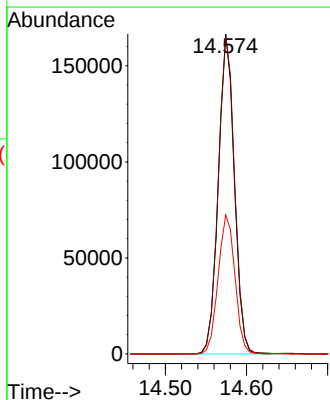
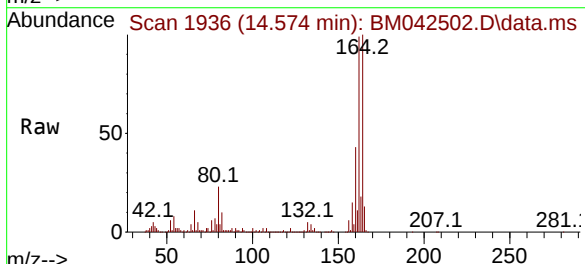
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATERRE

Tgt Ion: 82 Resp: 783932
Ion Ratio Lower Upper
82 100
128 37.2 30.7 46.1
54 56.3 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042502.D
Acq: 30 Oct 2023 20:07

Tgt Ion:164 Resp: 228180
Ion Ratio Lower Upper
164 100
162 99.2 81.6 122.4
160 43.4 36.2 54.4

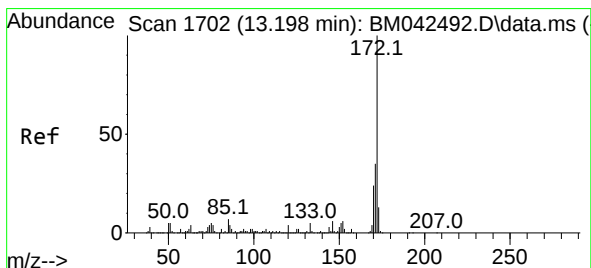
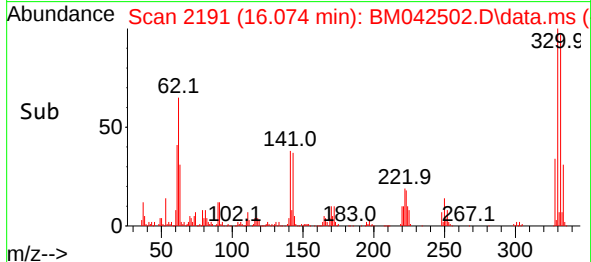
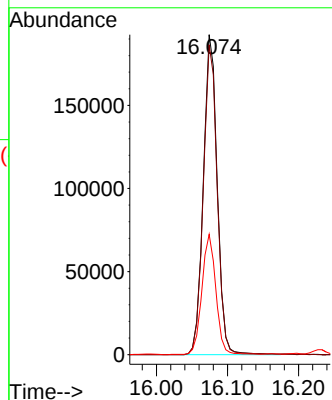
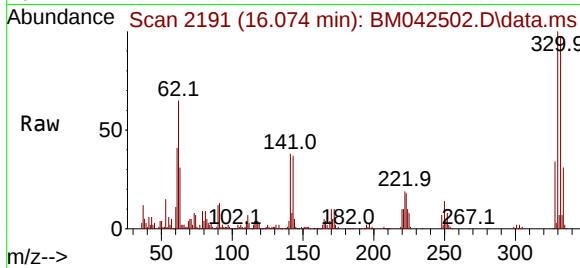




#42
2,4,6-Tribromophenol
Concen: 88.241 ng
RT: 16.074 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042502.D
Acq: 30 Oct 2023 20:07

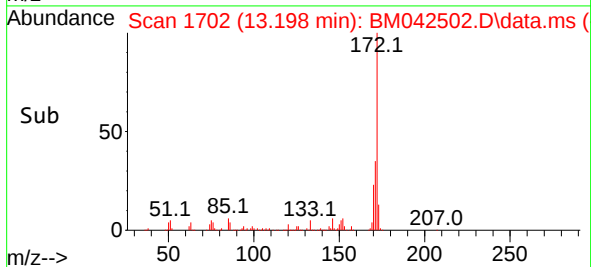
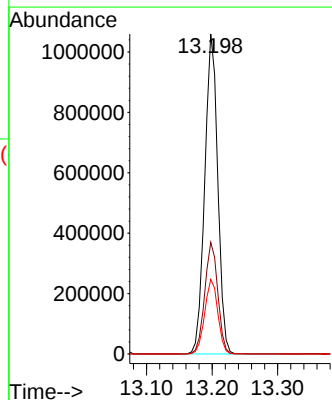
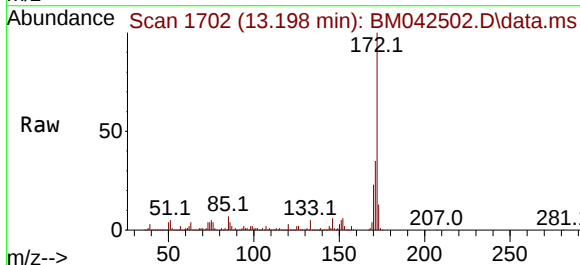
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATERRE

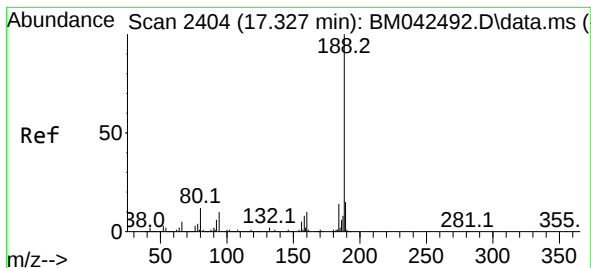
Tgt Ion:330 Resp: 262878
Ion Ratio Lower Upper
330 100
332 96.9 78.8 118.2
141 37.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 86.330 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM042502.D
Acq: 30 Oct 2023 20:07

Tgt Ion:172 Resp: 1463946
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.333 min Scan# 2405

Delta R.T. 0.006 min

Lab File: BM042502.D

Acq: 30 Oct 2023 20:07

Instrument :

BNA_M

ClientSampleId :

EFF-WASTE-WATERRE

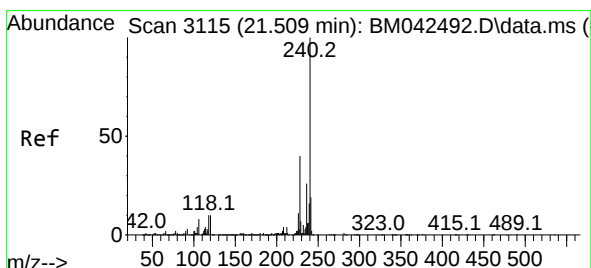
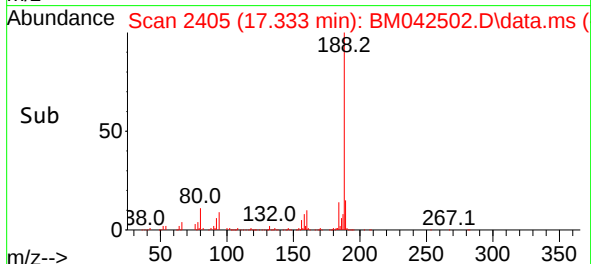
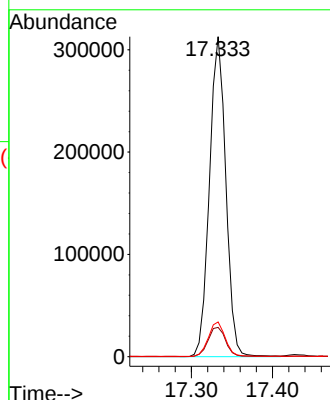
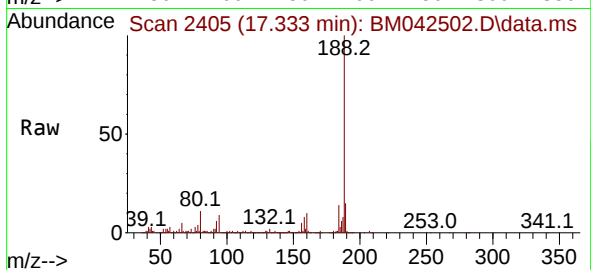
Tgt Ion:188 Resp: 437645

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.4

80 10.9 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BM042502.D

Acq: 30 Oct 2023 20:07

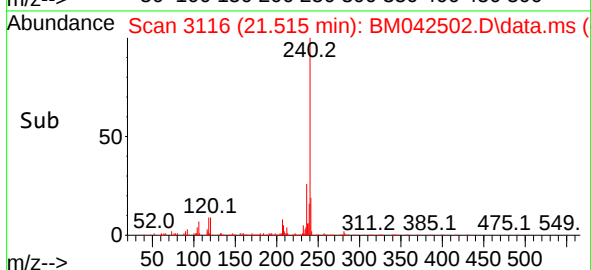
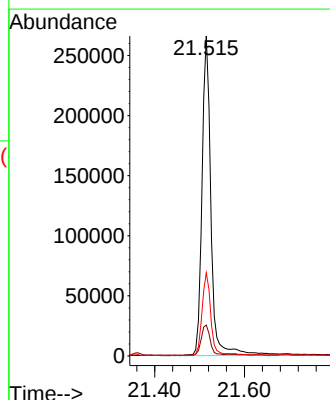
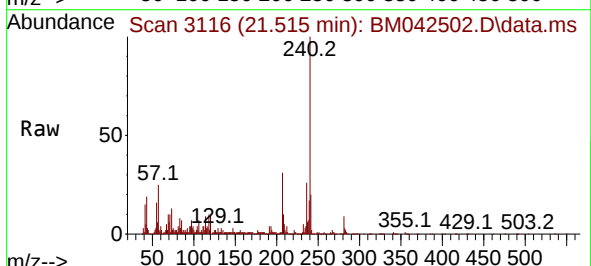
Tgt Ion:240 Resp: 370089

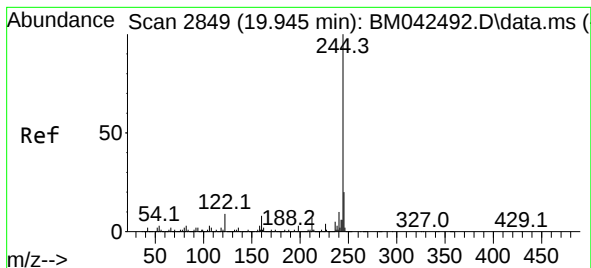
Ion Ratio Lower Upper

240 100

120 9.6 8.3 12.5

236 26.0 20.8 31.2





#79

Terphenyl-d14

Concen: 91.703 ng

RT: 19.956 min Scan# 2849

Delta R.T. 0.012 min

Lab File: BM042502.D

Acq: 30 Oct 2023 20:07

Instrument :

BNA_M

ClientSampleId :

EFF-WASTE-WATERRE

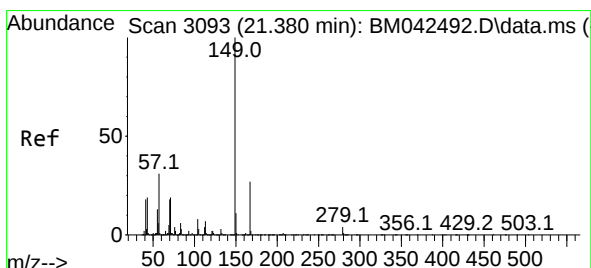
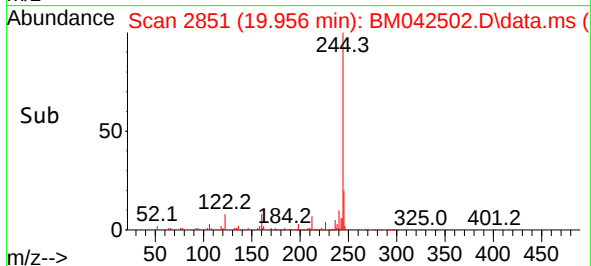
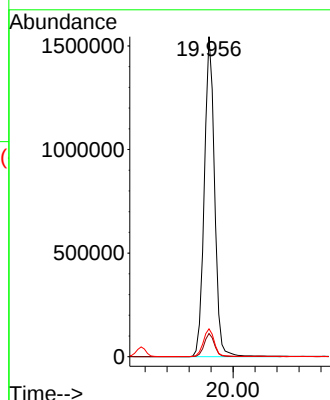
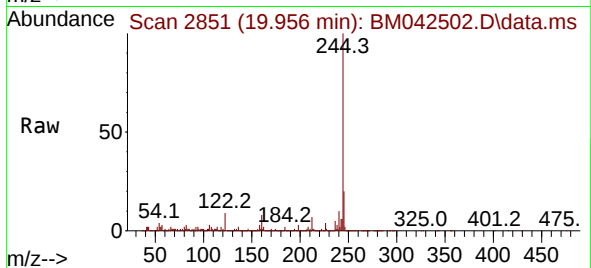
Tgt Ion:244 Resp: 2001550

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 8.7 7.2 10.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.394 ng

RT: 21.380 min Scan# 3093

Delta R.T. -0.000 min

Lab File: BM042502.D

Acq: 30 Oct 2023 20:07

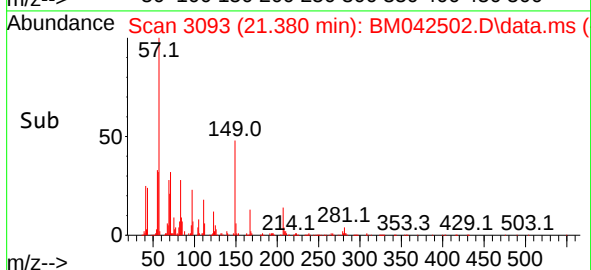
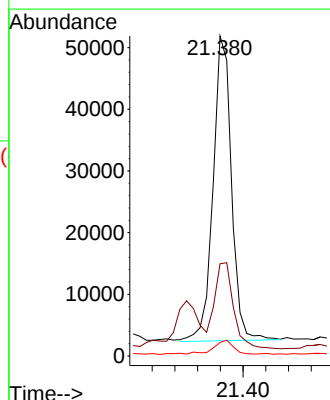
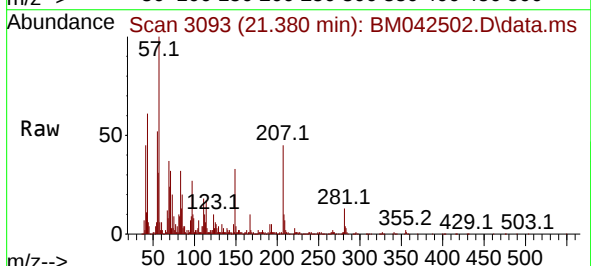
Tgt Ion:149 Resp: 55672

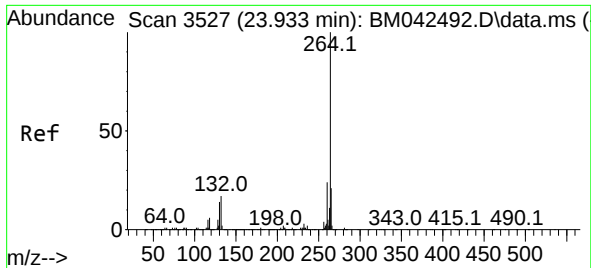
Ion Ratio Lower Upper

149 100

167 28.8 21.4 32.0

279 4.2 3.4 5.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.932 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM042502.D
 Acq: 30 Oct 2023 20:07

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Tgt Ion:264 Resp: 415816
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 23.4 18.7 28.1

