

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
 Data File : BM042486.D
 Acq On : 27 Oct 2023 23:27
 Operator : MA/JU
 Sample : 04958-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Oct 28 00:30:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 28 00:26:13 2023
 Response via : Initial Calibration

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

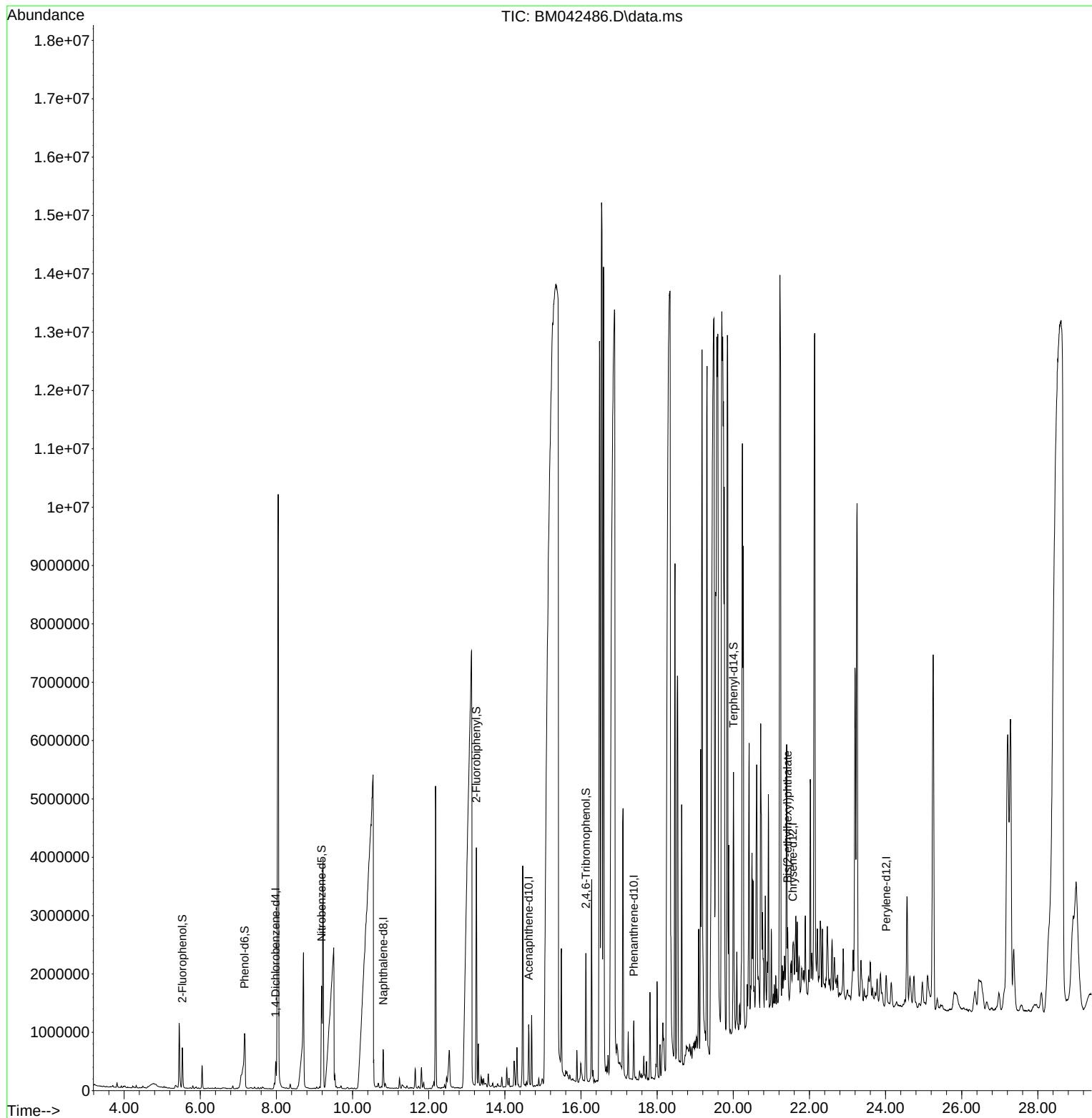
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	121296	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	530250	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	329114	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	603804	20.000	ng	0.00
76) Chrysene-d12	21.562	240	436962	20.000	ng	0.00
86) Perylene-d12	24.015	264	464826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	277520	32.336	ng	0.00
7) Phenol-d6	7.163	99	233028	20.261	ng	0.00
23) Nitrobenzene-d5	9.187	82	998799	83.294	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	349735	98.625	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	1951097	79.832	ng	0.00
79) Terphenyl-d14	20.003	244	2516172	102.124	ng	0.01
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.427	149	45296	5.509	ng	# 89

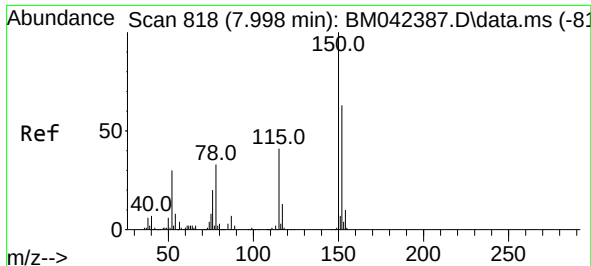
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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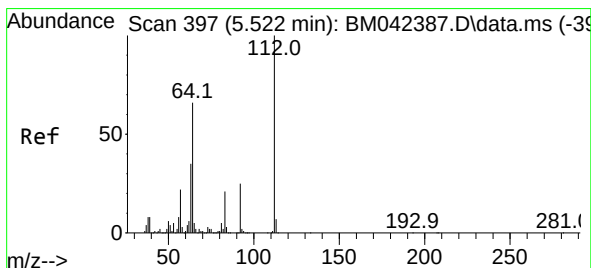
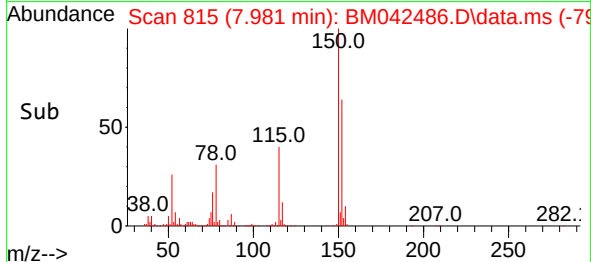
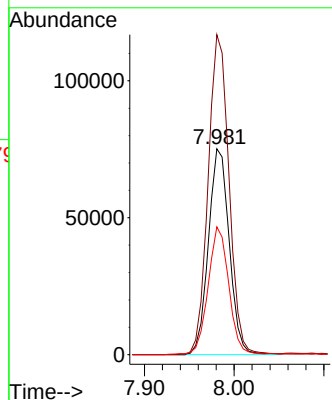
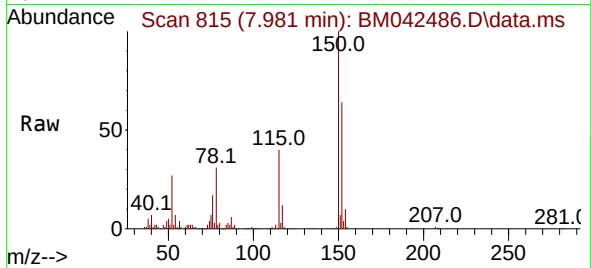




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.981 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM042486.D
 Acq: 27 Oct 2023 23:27

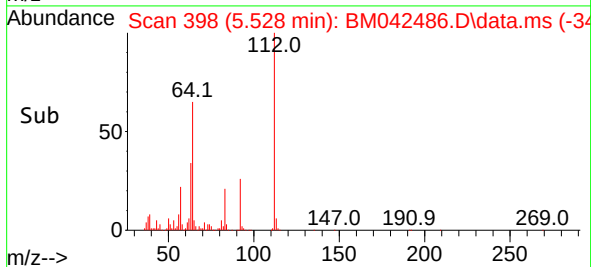
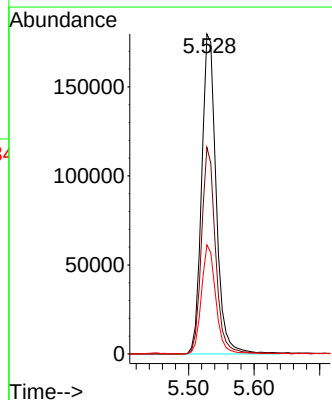
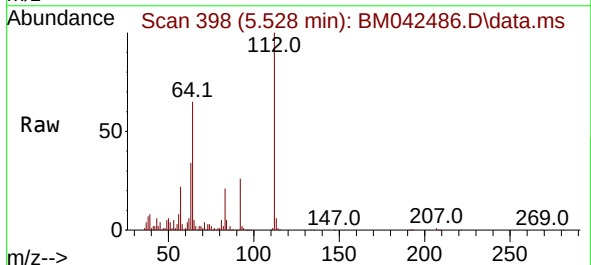
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WASTE-WATER

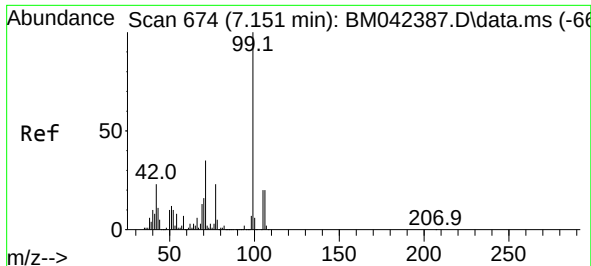
Tgt Ion:152 Resp: 121296
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.2 189.4
 115 62.1 51.9 77.9



#5
 2-Fluorophenol
 Concen: 32.336 ng
 RT: 5.528 min Scan# 398
 Delta R.T. -0.006 min
 Lab File: BM042486.D
 Acq: 27 Oct 2023 23:27

Tgt Ion:112 Resp: 277520
 Ion Ratio Lower Upper
 112 100
 64 64.6 52.7 79.1
 63 34.1 28.3 42.5

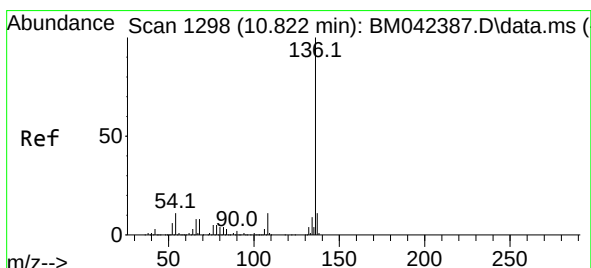
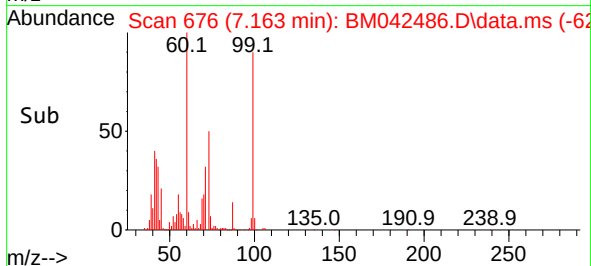
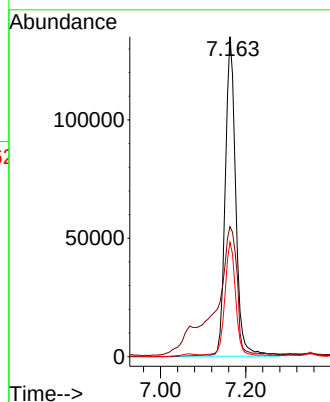
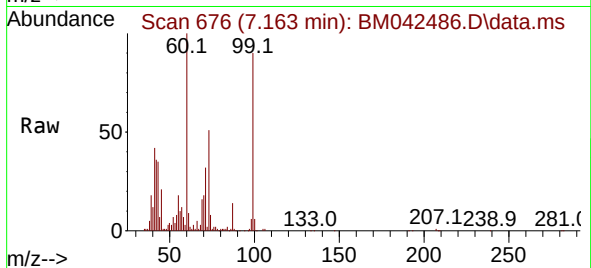




#7
Phenol-d6
Concen: 20.261 ng
RT: 7.163 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042486.D
Acq: 27 Oct 2023 23:27

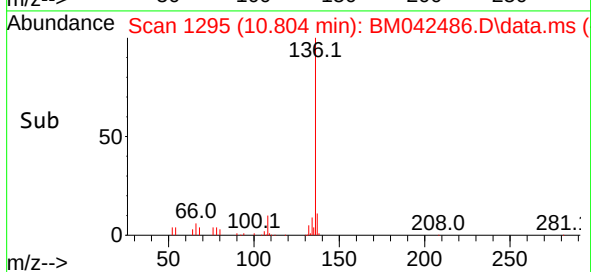
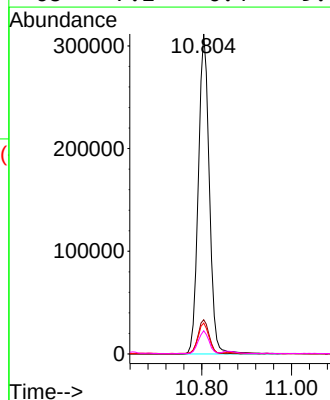
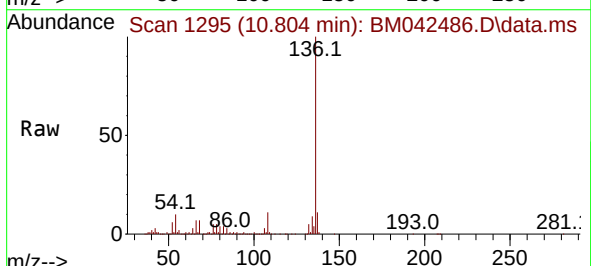
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

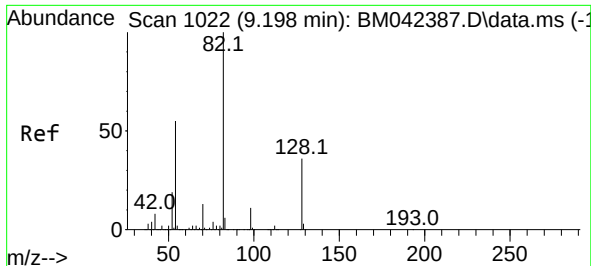
Tgt Ion: 99 Resp: 233028
Ion Ratio Lower Upper
99 100
42 40.7 18.5 27.7#
71 35.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM042486.D
Acq: 27 Oct 2023 23:27

Tgt Ion: 136 Resp: 530250
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.6 8.6 12.8
68 7.2 6.4 9.6

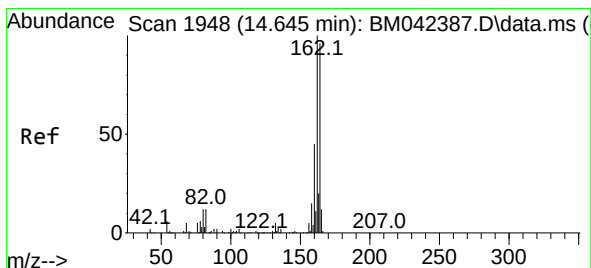
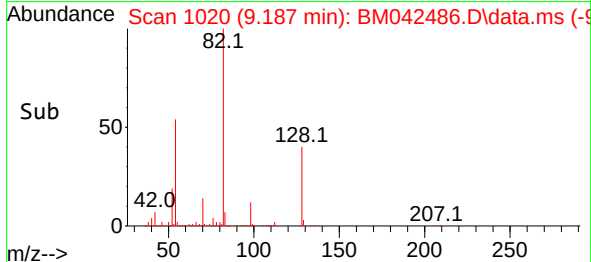
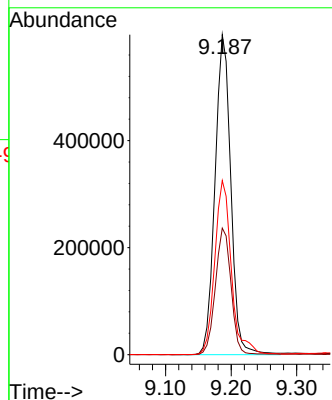
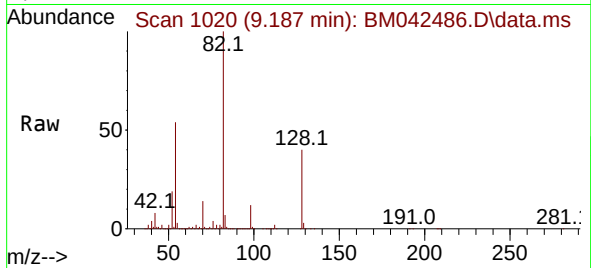




#23
Nitrobenzene-d5
Concen: 83.294 ng
RT: 9.187 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BM042486.D
Acq: 27 Oct 2023 23:27

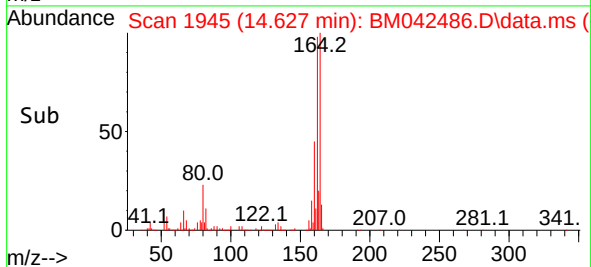
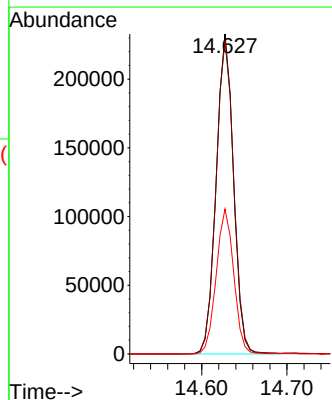
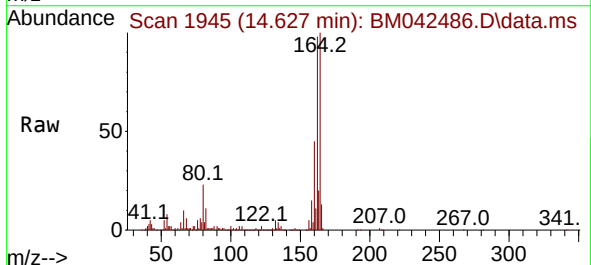
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

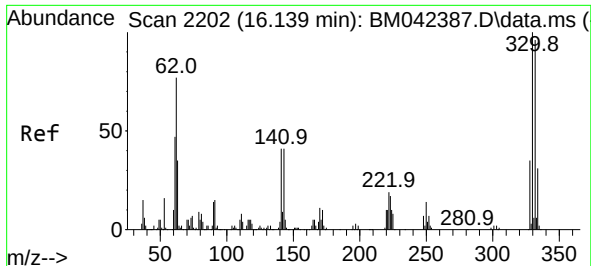
Tgt Ion: 82 Resp: 998799
Ion Ratio Lower Upper
82 100
128 39.5 29.0 43.6
54 54.4 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM042486.D
Acq: 27 Oct 2023 23:27

Tgt Ion:164 Resp: 329114
Ion Ratio Lower Upper
164 100
162 97.9 83.0 124.4
160 45.3 37.0 55.4

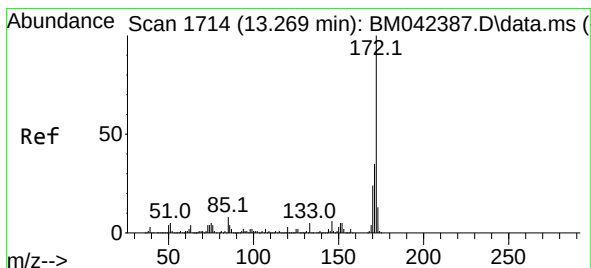
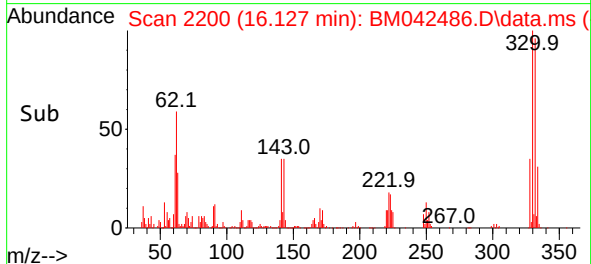
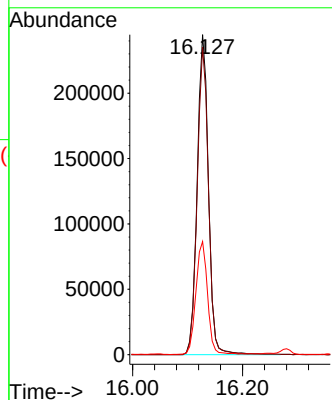
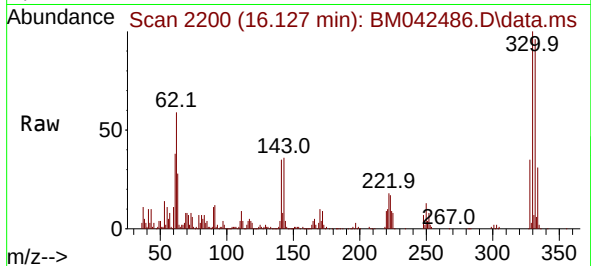




#42
2,4,6-Tribromophenol
Concen: 98.625 ng
RT: 16.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042486.D
Acq: 27 Oct 2023 23:27

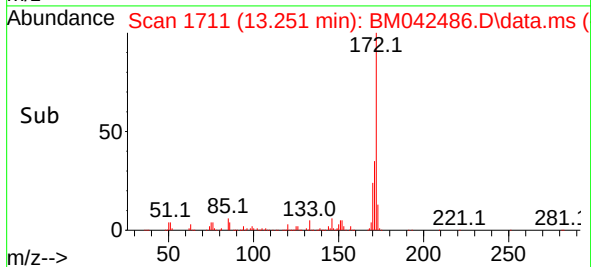
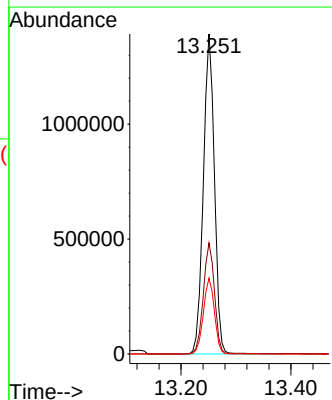
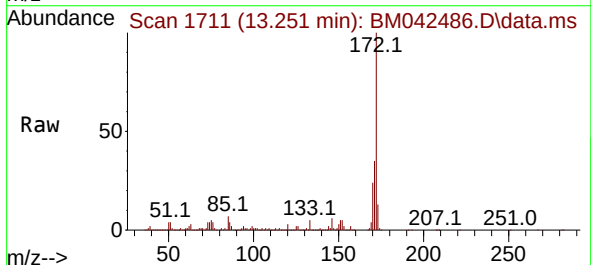
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

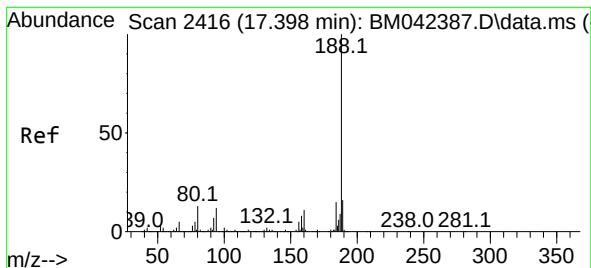
Tgt Ion:330 Resp: 349735
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 36.3 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 79.832 ng
RT: 13.251 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BM042486.D
Acq: 27 Oct 2023 23:27

Tgt Ion:172 Resp: 1951097
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.386 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BM042486.D

Acq: 27 Oct 2023 23:27

Instrument :

BNA_M

ClientSampleId :

EFF-WASTE-WATER

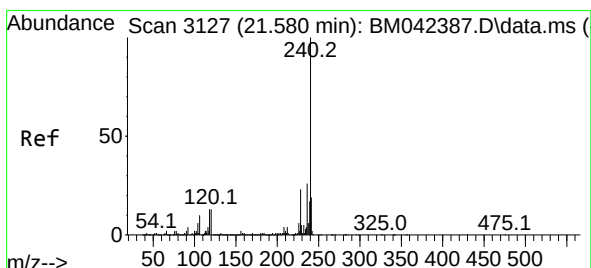
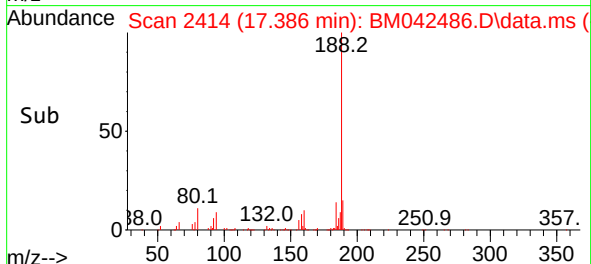
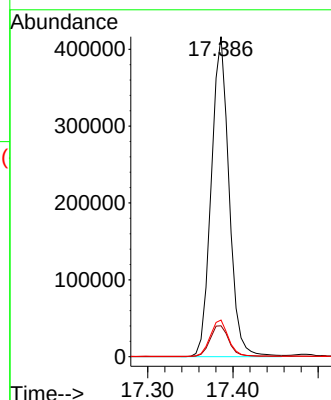
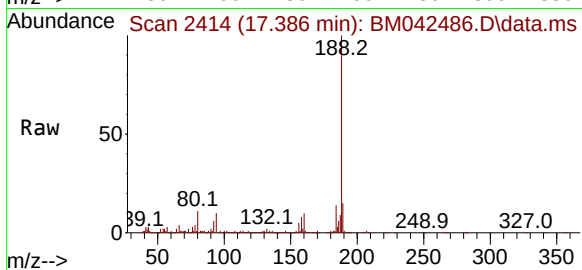
Tgt Ion:188 Resp: 603804

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.0

80 11.4 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.562 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BM042486.D

Acq: 27 Oct 2023 23:27

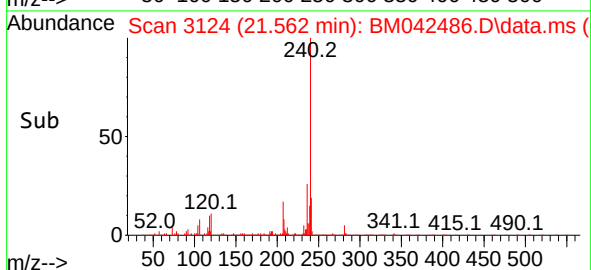
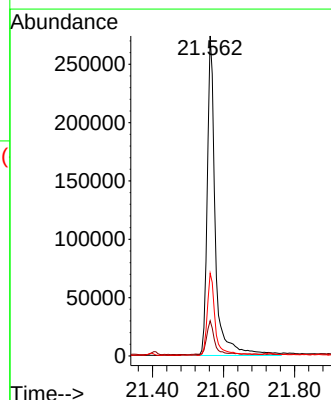
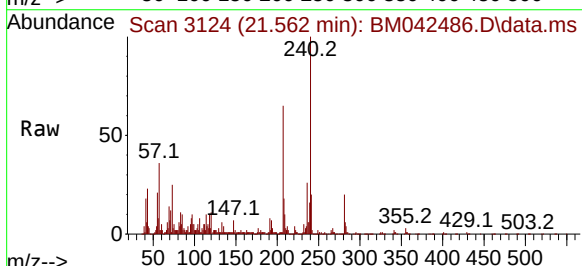
Tgt Ion:240 Resp: 436962

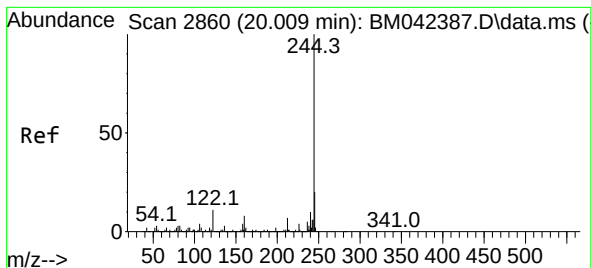
Ion Ratio Lower Upper

240 100

120 11.0 10.7 16.1

236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 102.124 ng

RT: 20.003 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM042486.D

Acq: 27 Oct 2023 23:27

Instrument :

BNA_M

ClientSampleId :

EFF-WASTE-WATER

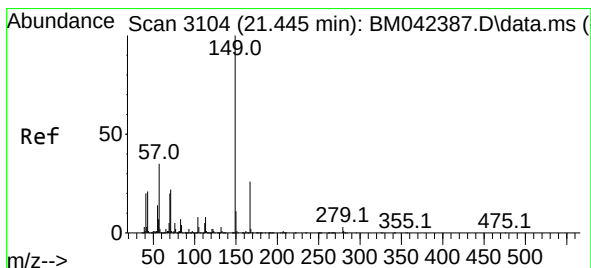
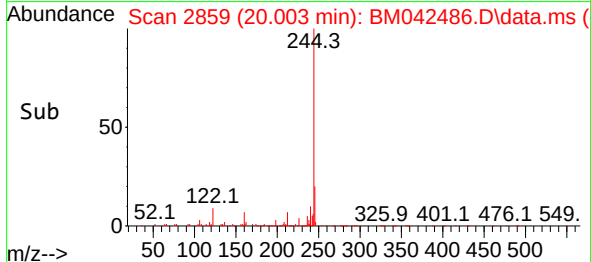
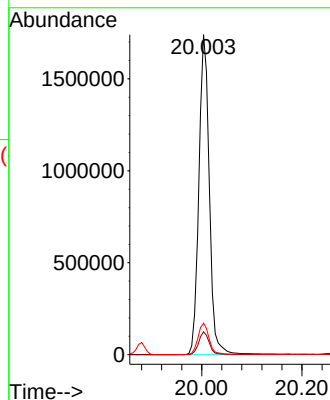
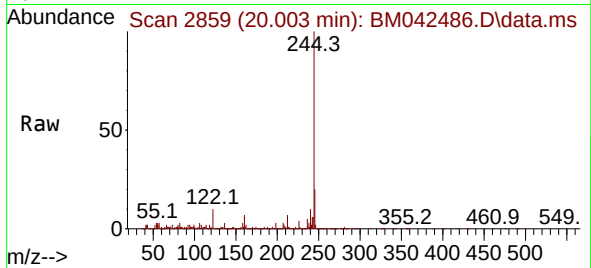
Tgt Ion:244 Resp: 2516172

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.8 8.8 13.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.509 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BM042486.D

Acq: 27 Oct 2023 23:27

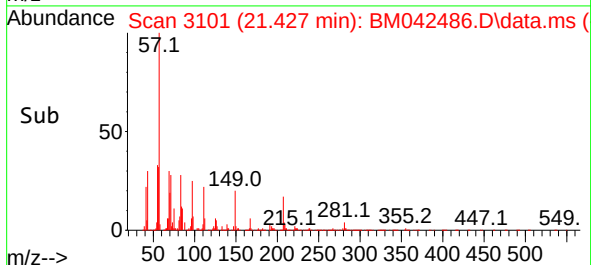
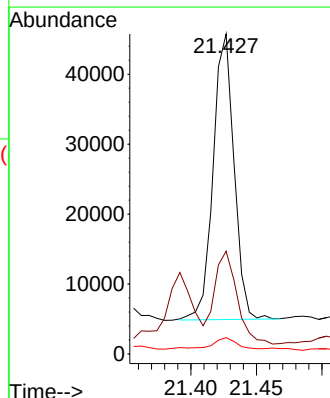
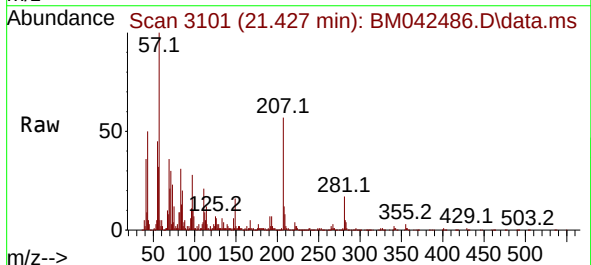
Tgt Ion:149 Resp: 45296

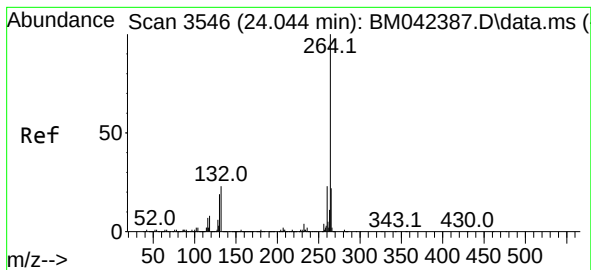
Ion Ratio Lower Upper

149 100

167 32.1 20.9 31.3#

279 5.1 2.7 4.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.015 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM042486.D
Acq: 27 Oct 2023 23:27

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:264 Resp: 464826

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	24.2	17.8	26.8

