

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
 Data File : BM041403.D
 Acq On : 15 Aug 2023 12:36
 Operator : MA/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Quant Time: Aug 16 02:04:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

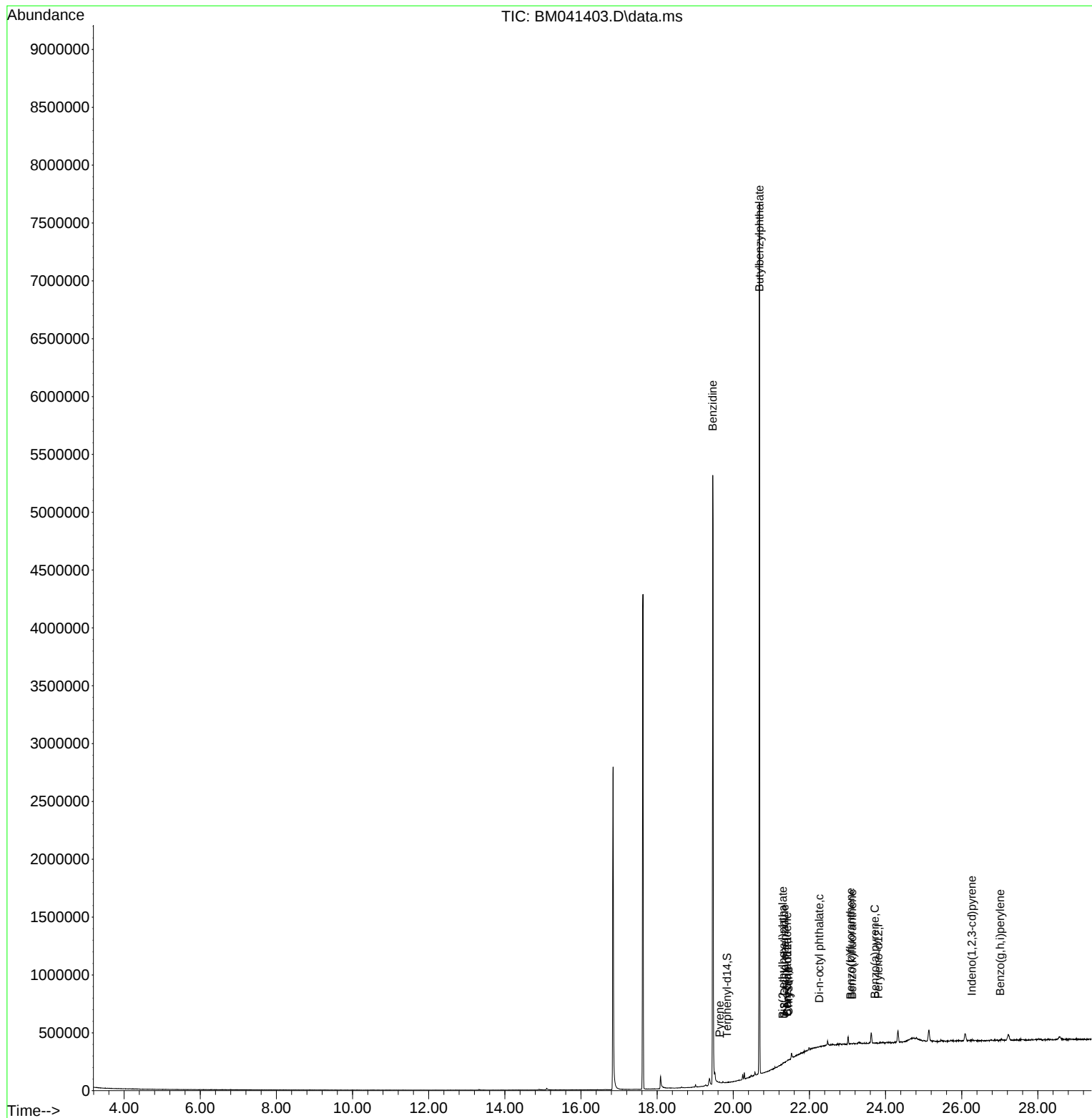
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-7.78
21) Naphthalene-d8	0.000	136	0	0.000	ng	-10.58
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.44
64) Phenanthrene-d10	0.000	188	0	0.000	ng	-17.20
76) Chrysene-d12	21.421	240	796	20.000	ng	# 0.00
86) Perylene-d12	23.809	264	132	20.000	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
79) Terphenyl-d14	19.833	244	498	11.312	ng	-0.01
Target Compounds						
					Qvalue	
77) Benzidine	19.462	184	2922853	269402.367	ng	100
78) Pyrene	19.639	202	190	3.413	ng	# 1
80) Butylbenzylphthalate	20.686	149	25661	1262.348	ng	# 1
81) Benzo(a)anthracene	21.409	228	879	16.289	ng	# 56
82) 3,3'-Dichlorobenzidine	21.345	252	386	21.921	ng	# 16
83) Chrysene	21.450	228	1677	32.130	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.303	149	2706	81.929	ng	# 82
85) Di-n-octyl phthalate	22.256	149	237	4.613	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.268	276	83	8.552	ng	# 16
88) Benzo(b)fluoranthene	23.080	252	1249	159.279	ng	# 1
89) Benzo(k)fluoranthene	23.121	252	313	39.021	ng	# 1
90) Benzo(a)pyrene	23.715	252	1059	140.550	ng	# 1
92) Benzo(g,h,i)perylene	27.009	276	207	26.135	ng	# 53

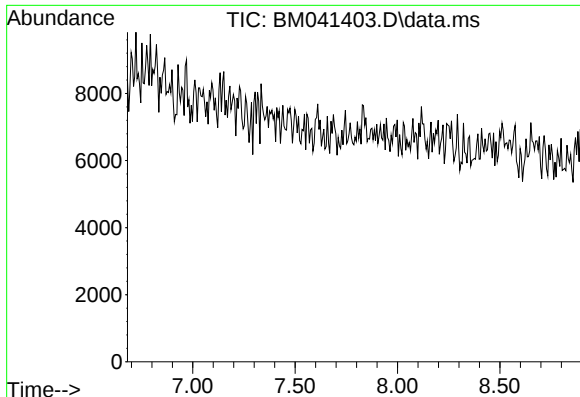
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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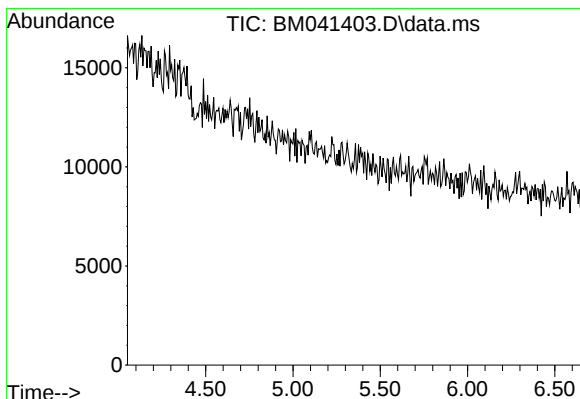
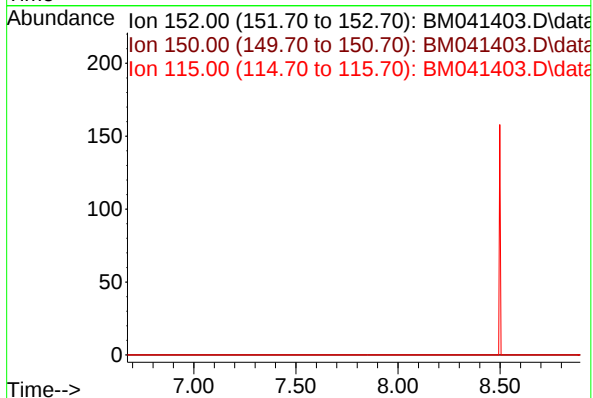


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 7.78 min
 Lab File: BM041403.D
 Acq: 15 Aug 2023 12:36

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion: 152

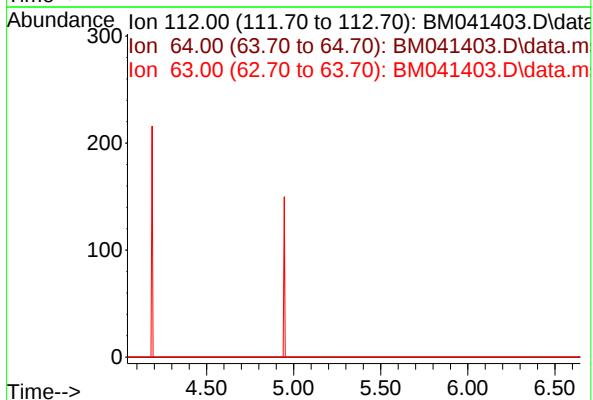
Sig	Exp Ratio
152	100
150	156.9
115	60.0

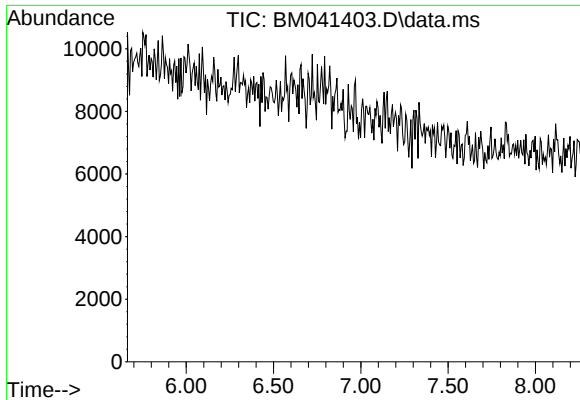


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.35 min
 Lab File: BM041403.D
 Acq: 15 Aug 2023 12:36

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	60.6
63	33.1



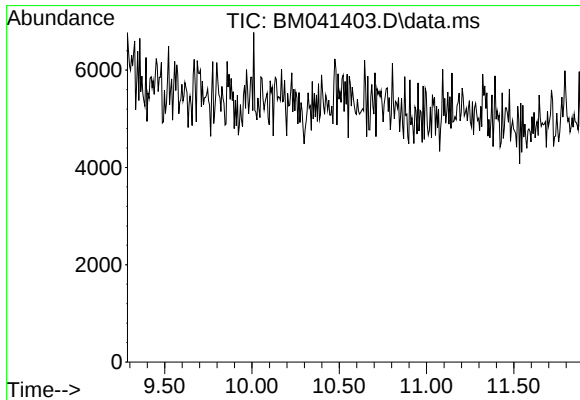
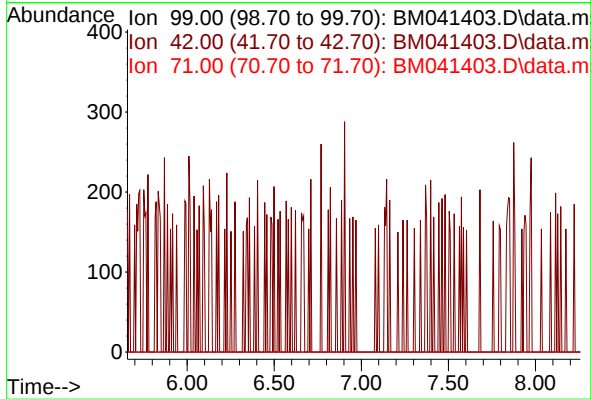


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.96 min
 Lab File: BM041403.D
 Acq: 15 Aug 2023 12:36

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion: 99

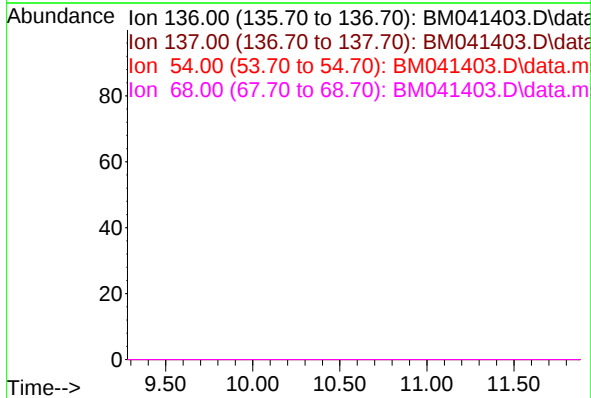
Sig	Exp Ratio
99	100
42	19.2
71	35.3

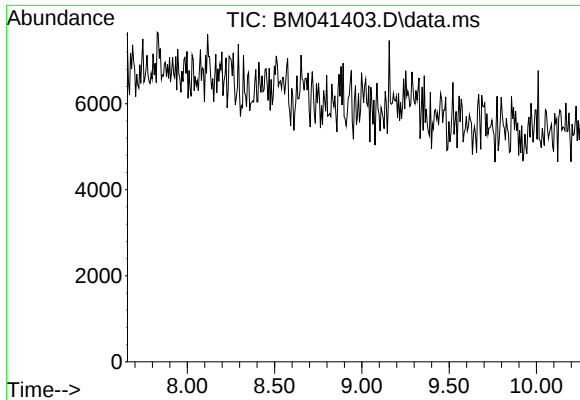


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 10.58 min
 Lab File: BM041403.D
 Acq: 15 Aug 2023 12:36

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.0
54	8.6
68	6.8



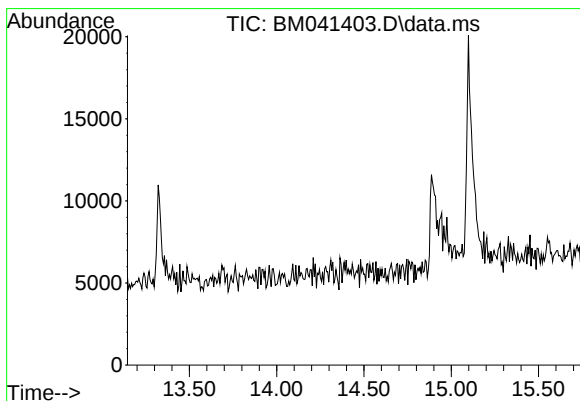
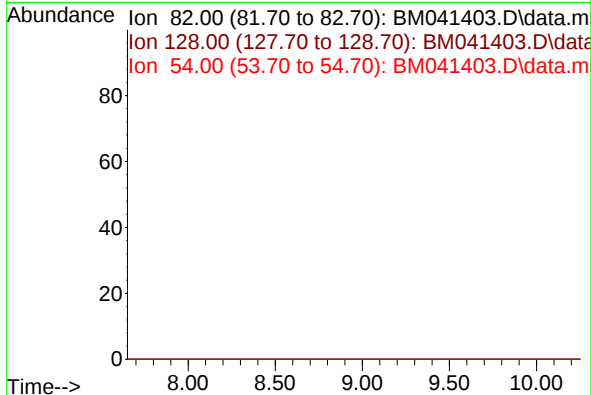


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 8.95 min
 Lab File: BM041403.D
 Acq: 15 Aug 2023 12:36

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion: 82

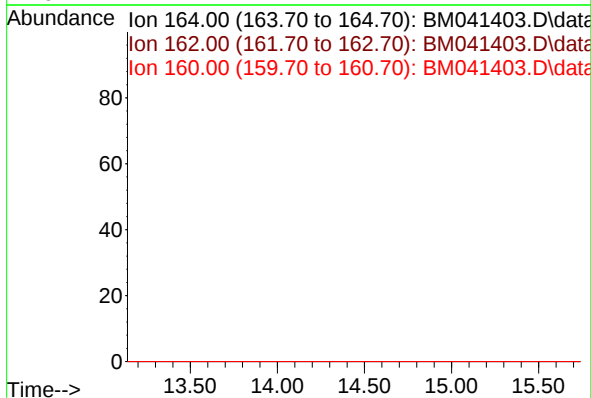
Sig	Exp Ratio
82	100
128	39.7
54	50.1

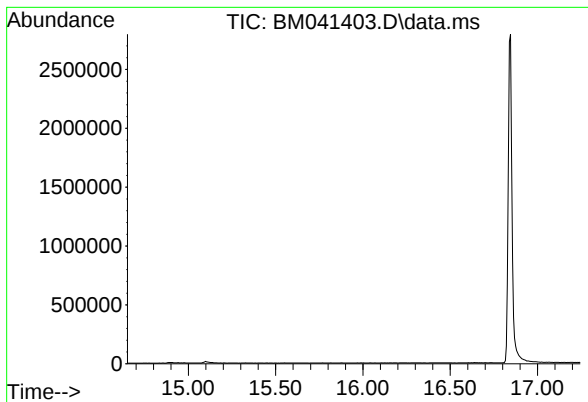


#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.44 min
 Lab File: BM041403.D
 Acq: 15 Aug 2023 12:36

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	100.5
160	45.2



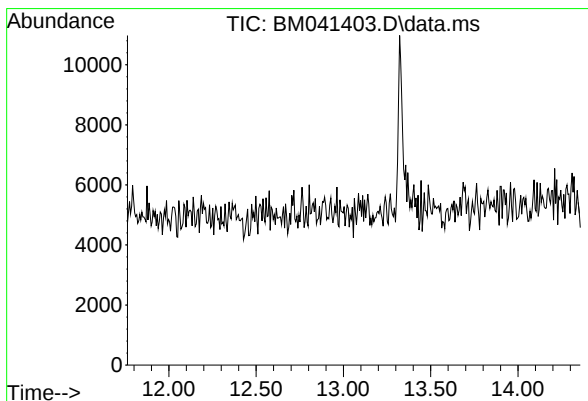
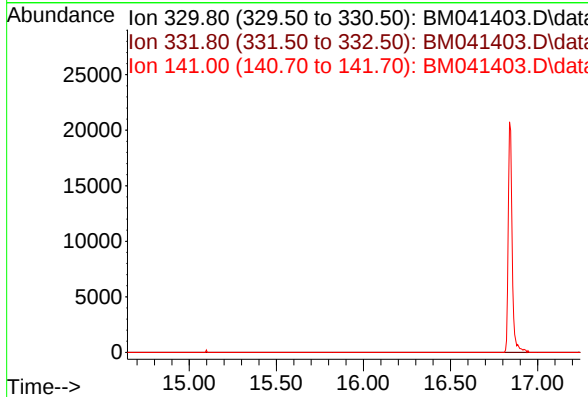


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.95 min
 Lab File: BM041403.D
 Acq: 15 Aug 2023 12:36

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion: 330

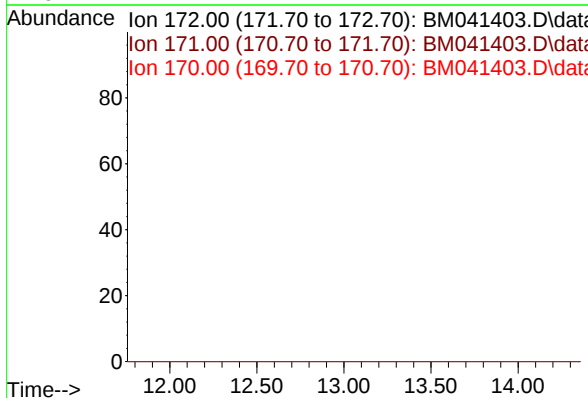
Sig	Exp Ratio
330	100
332	97.1
141	35.4

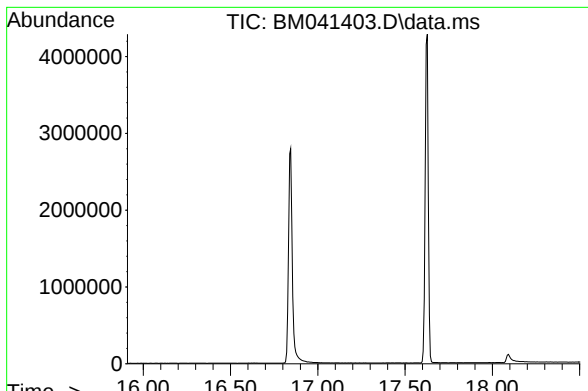


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.06 min
 Lab File: BM041403.D
 Acq: 15 Aug 2023 12:36

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.1
170	23.6



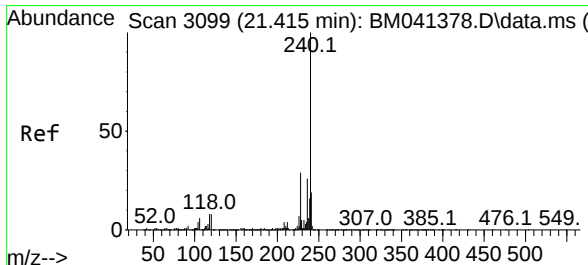
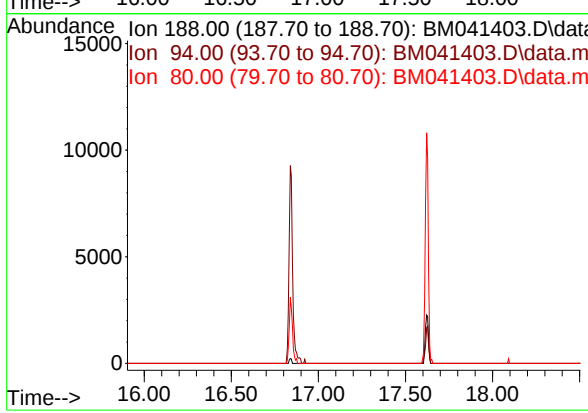


#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 17.20 min
 Lab File: BM041403.D
 Acq: 15 Aug 2023 12:36

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion: 188

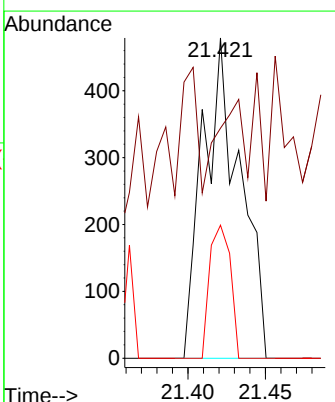
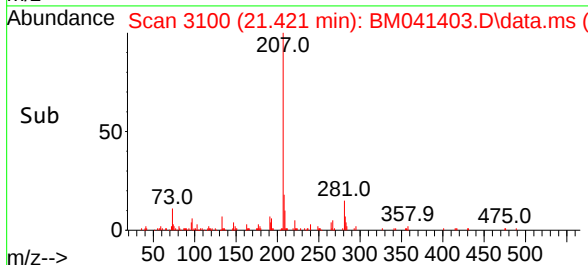
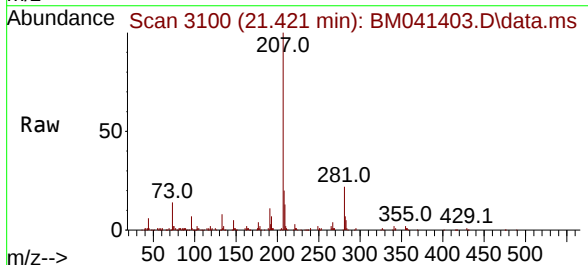
Sig	Exp Ratio
188	100
94	10.2
80	10.8

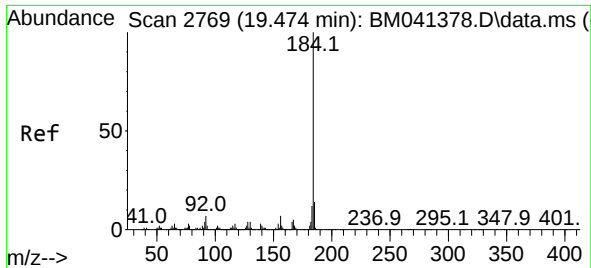


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.421 min Scan# 3100
 Delta R.T. 0.006 min
 Lab File: BM041403.D
 Acq: 15 Aug 2023 12:36

Tgt Ion: 240 Resp: 796

Ion	Ratio	Lower	Upper
240	100		
120	71.8	8.3	12.5#
236	41.5	20.6	30.8#

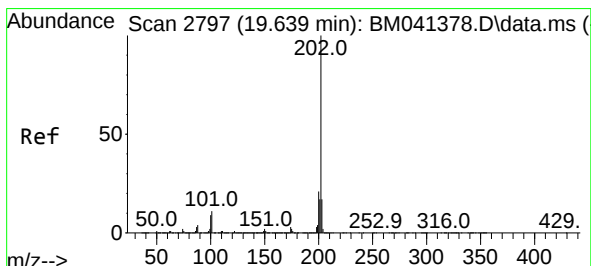
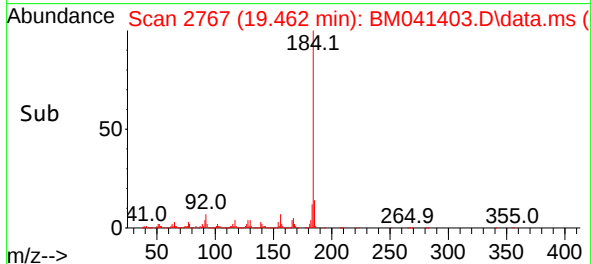
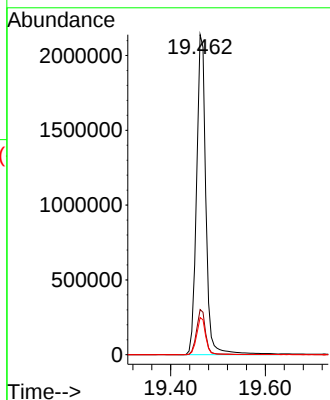
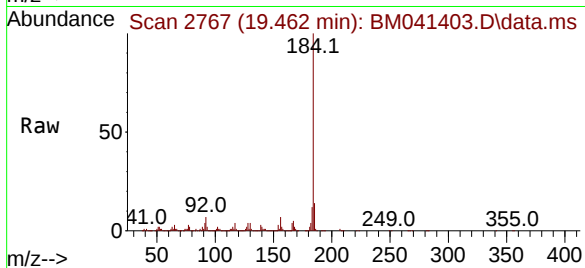




#77
Benzidine
Concen: 269402.367 ng
RT: 19.462 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM041403.D
Acq: 15 Aug 2023 12:36

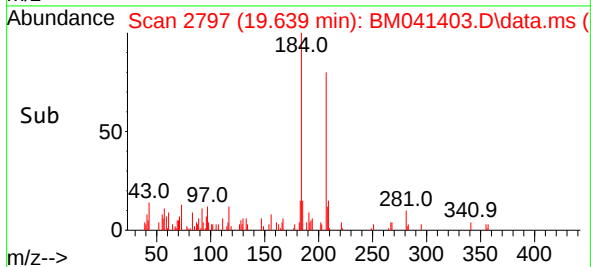
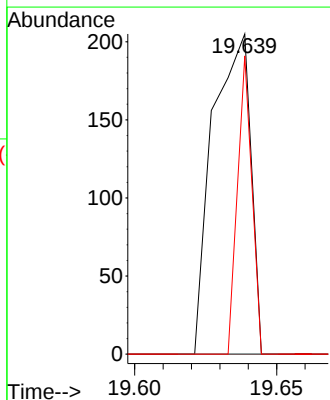
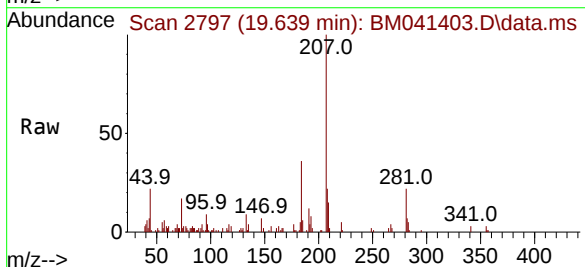
Instrument :
BNA_M
ClientSampleId :
DFTPP

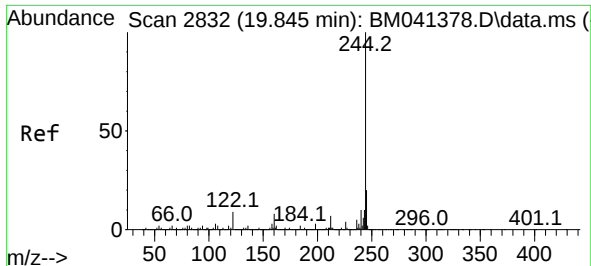
Tgt Ion:184 Resp: 2922853
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.6 9.2 13.8



#78
Pyrene
Concen: 3.413 ng
RT: 19.639 min Scan# 2797
Delta R.T. -0.000 min
Lab File: BM041403.D
Acq: 15 Aug 2023 12:36

Tgt Ion:202 Resp: 190
Ion Ratio Lower Upper
202 100
200 0.0 16.9 25.3#
203 93.2 14.1 21.1#

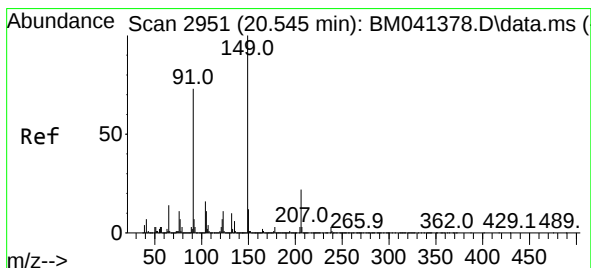
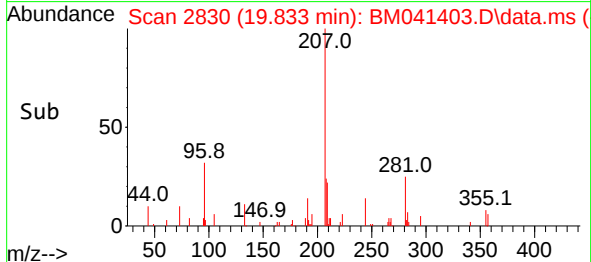
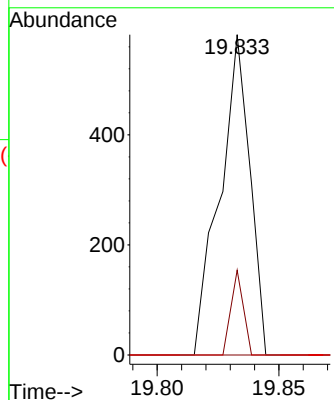
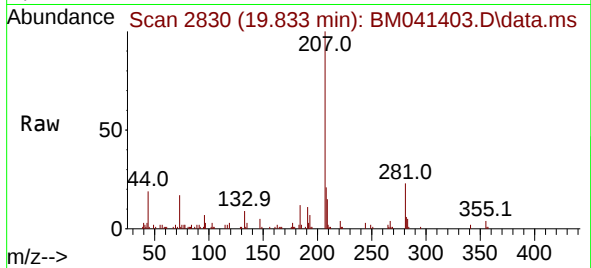




#79
 Terphenyl-d14
 Concen: 11.312 ng
 RT: 19.833 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM041403.D
 Acq: 15 Aug 2023 12:36

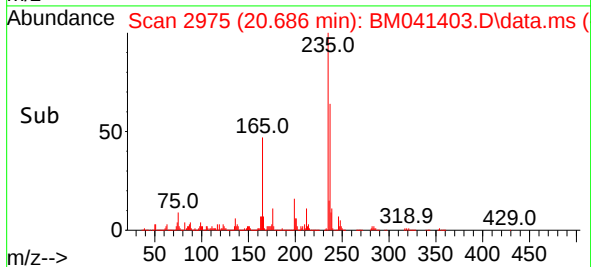
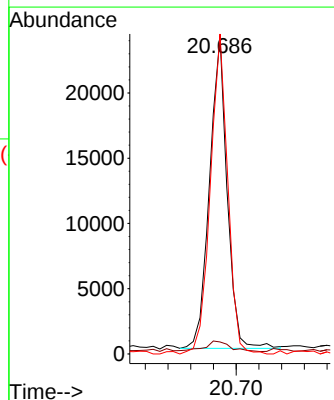
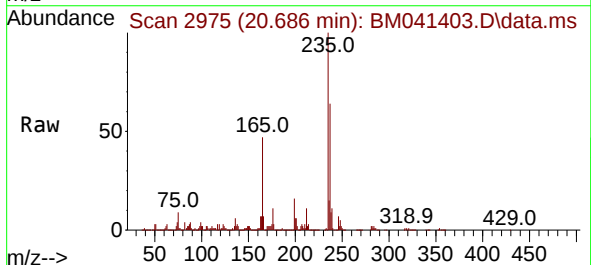
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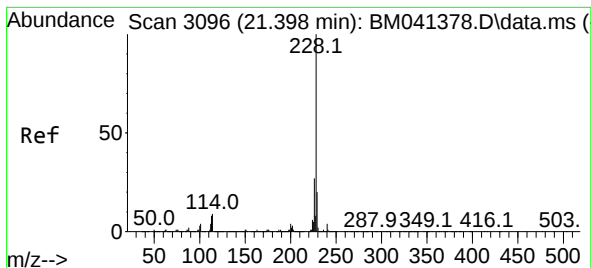
Tgt Ion:244 Resp: 498
 Ion Ratio Lower Upper
 244 100
 212 26.5 5.4 8.2#
 122 0.0 7.8 11.6#



#80
 Butylbenzylphthalate
 Concen: 1262.348 ng
 RT: 20.686 min Scan# 2975
 Delta R.T. 0.141 min
 Lab File: BM041403.D
 Acq: 15 Aug 2023 12:36

Tgt Ion:149 Resp: 25661
 Ion Ratio Lower Upper
 149 100
 91 3.8 60.8 91.2#
 206 100.6 16.4 24.6#





#81

Benzo(a)anthracene

Concen: 16.289 ng

RT: 21.409 min Scan# 3096

Delta R.T. 0.012 min

Lab File: BM041403.D

Acq: 15 Aug 2023 12:36

Instrument :

BNA_M

ClientSampleId :

DFTPP

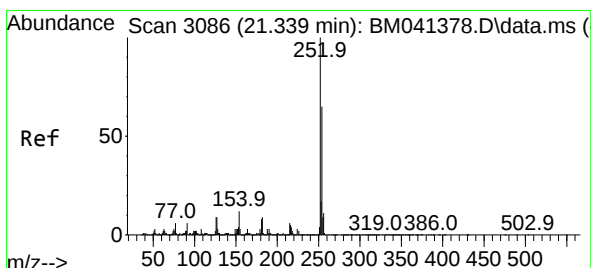
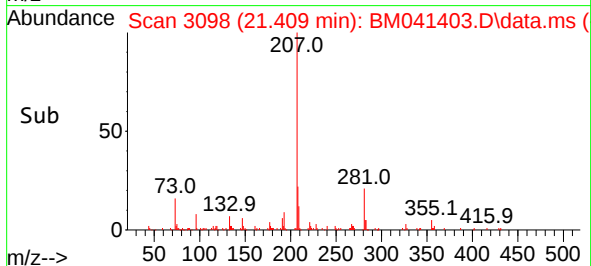
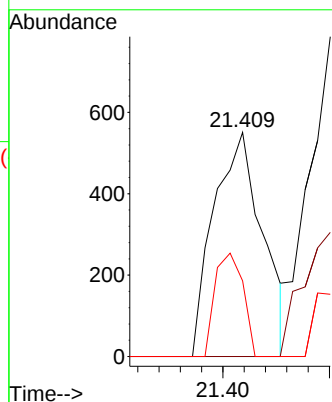
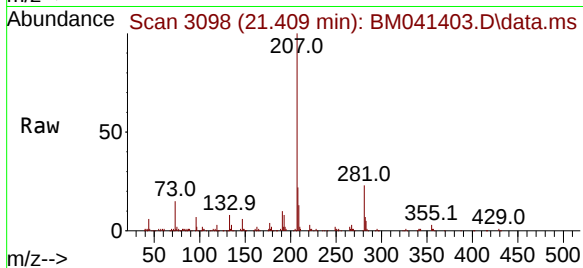
Tgt Ion:228 Resp: 879

Ion Ratio Lower Upper

228 100

226 0.0 22.4 33.6#

229 33.8 15.8 23.8#



#82

3,3'-Dichlorobenzidine

Concen: 21.921 ng

RT: 21.345 min Scan# 3087

Delta R.T. 0.006 min

Lab File: BM041403.D

Acq: 15 Aug 2023 12:36

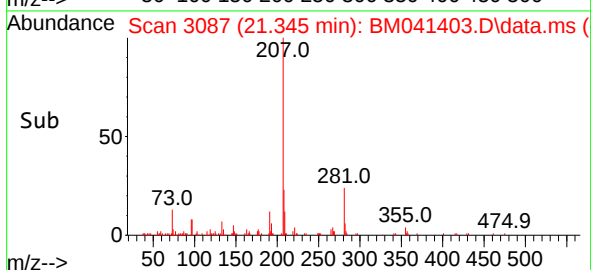
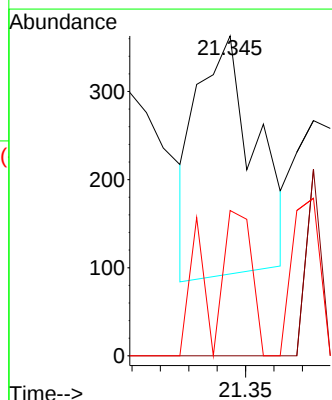
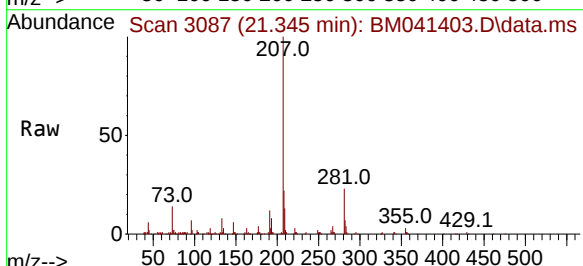
Tgt Ion:252 Resp: 386

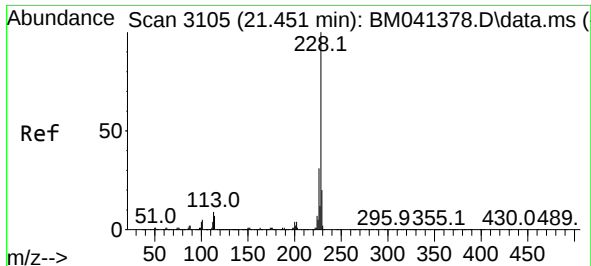
Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.6#

126 45.5 8.6 13.0#





#83

Chrysene

Concen: 32.130 ng

RT: 21.450 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BM041403.D

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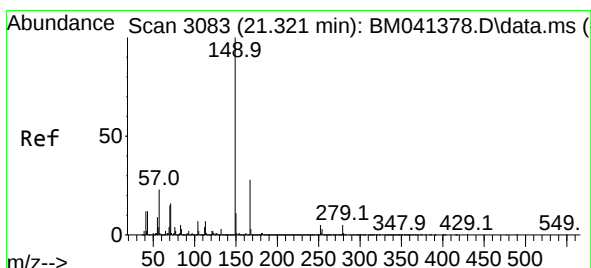
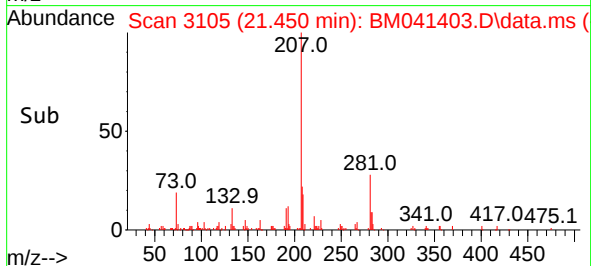
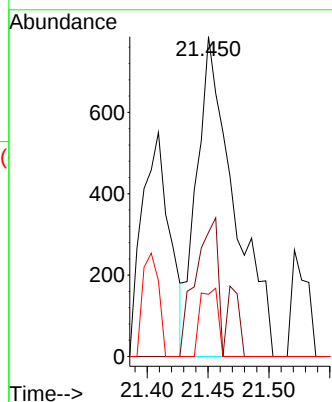
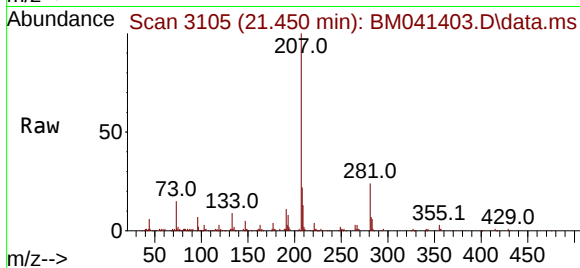
Tgt Ion:228 Resp: 1677

Ion Ratio Lower Upper

228 100

226 38.8 24.5 36.7#

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.929 ng

RT: 21.303 min Scan# 3080

Delta R.T. -0.018 min

Lab File: BM041403.D

Acq: 15 Aug 2023 12:36

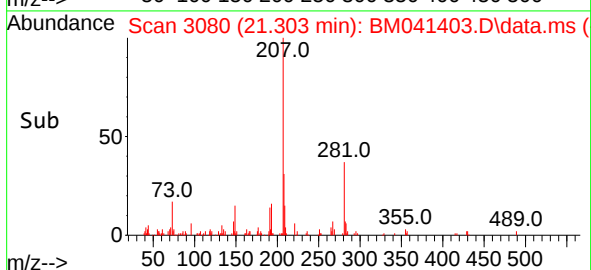
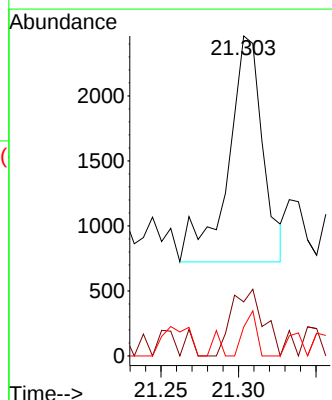
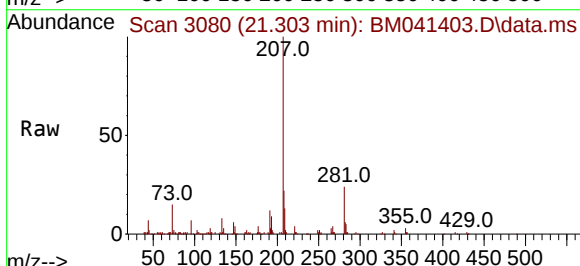
Tgt Ion:149 Resp: 2706

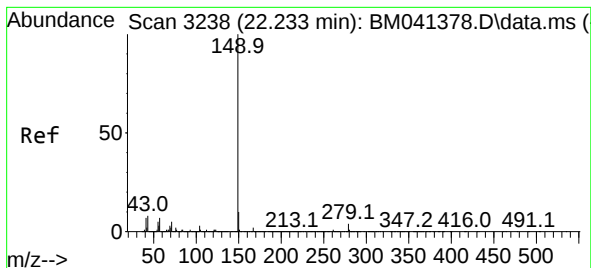
Ion Ratio Lower Upper

149 100

167 16.9 21.0 31.6#

279 9.0 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 4.613 ng

RT: 22.256 min Scan# 31

Delta R.T. 0.023 min

Lab File: BM041403.D

Acq: 15 Aug 2023 12:36

Instrument :

BNA_M

ClientSampleId :

DFTPP

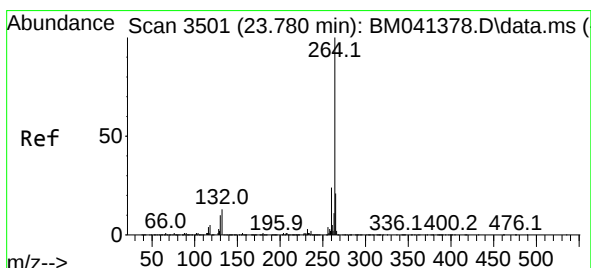
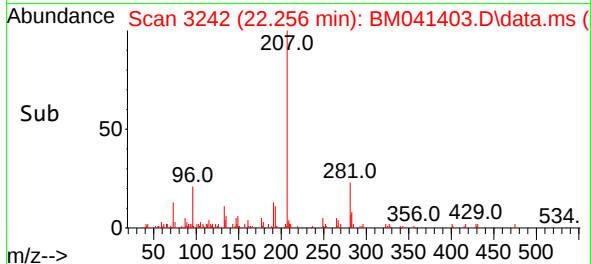
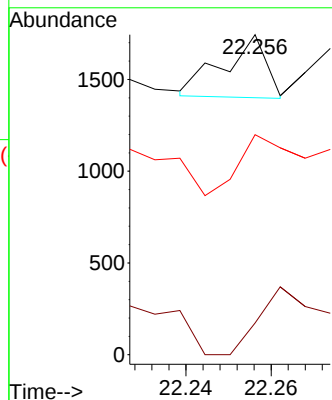
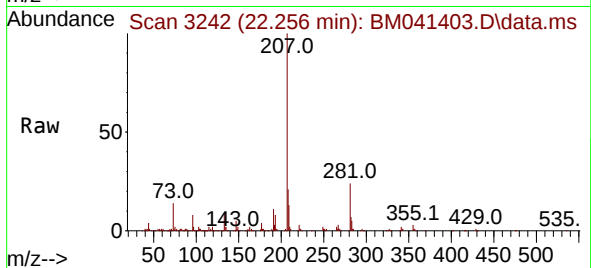
Tgt Ion:149 Resp: 237

Ion Ratio Lower Upper

149 100

167 153.6 1.2 1.8#

43 174.7 8.3 12.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.809 min Scan# 3506

Delta R.T. 0.029 min

Lab File: BM041403.D

Acq: 15 Aug 2023 12:36

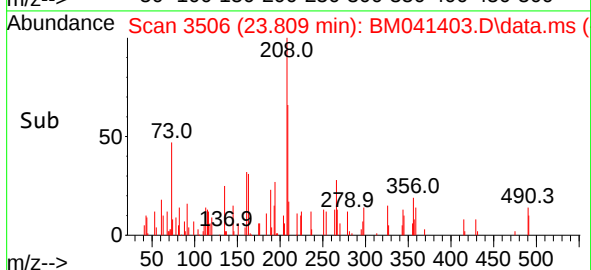
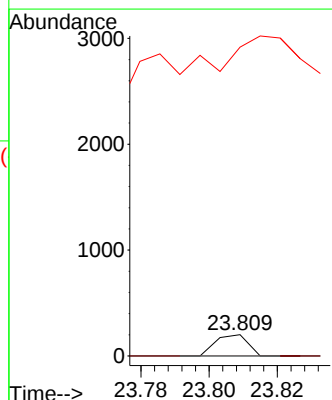
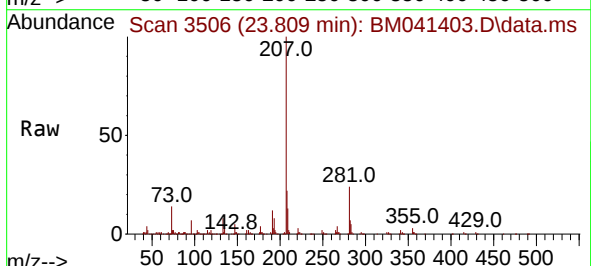
Tgt Ion:264 Resp: 132

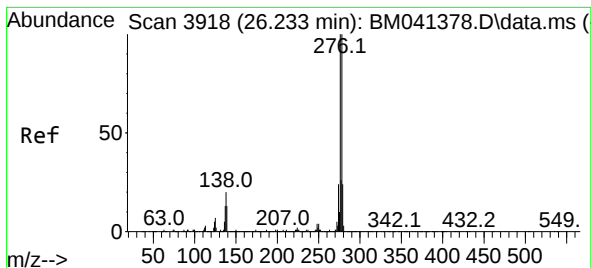
Ion Ratio Lower Upper

264 100

260 0.0 18.5 27.7#

265 1451.2 17.4 26.0#





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.552 ng

RT: 26.268 min Scan# 3918

Delta R.T. 0.035 min

Lab File: BM041403.D

Acq: 15 Aug 2023 12:36

Instrument :

BNA_M

ClientSampleId :

DFTPP

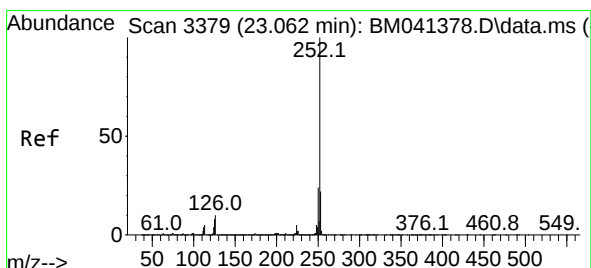
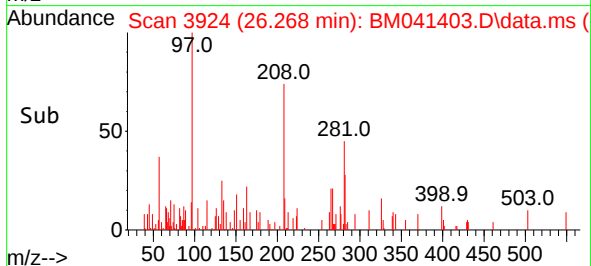
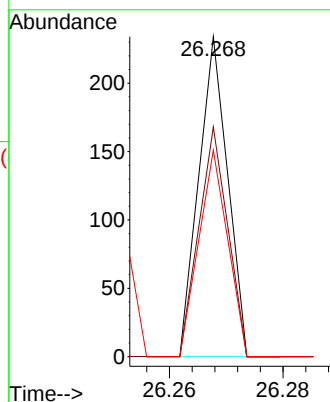
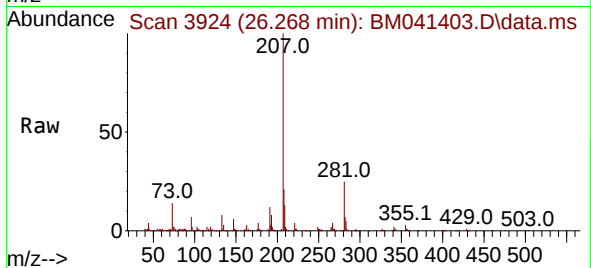
Tgt Ion:276 Resp: 83

Ion Ratio Lower Upper

276 100

138 71.1 20.0 30.0#

277 63.9 20.1 30.1#



#88

Benzo(b)fluoranthene

Concen: 159.279 ng

RT: 23.080 min Scan# 3382

Delta R.T. 0.017 min

Lab File: BM041403.D

Acq: 15 Aug 2023 12:36

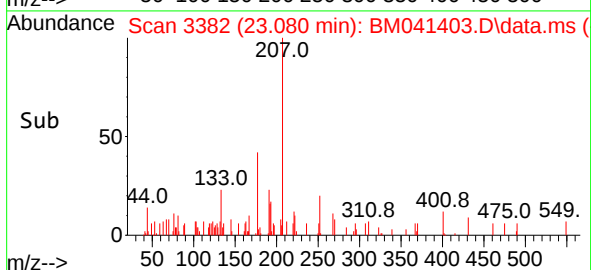
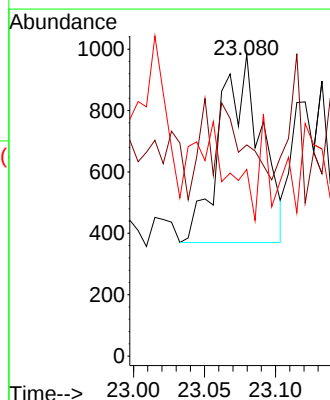
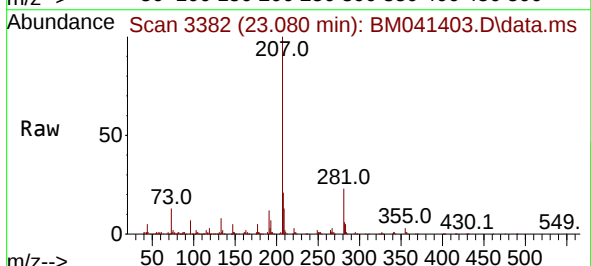
Tgt Ion:252 Resp: 1249

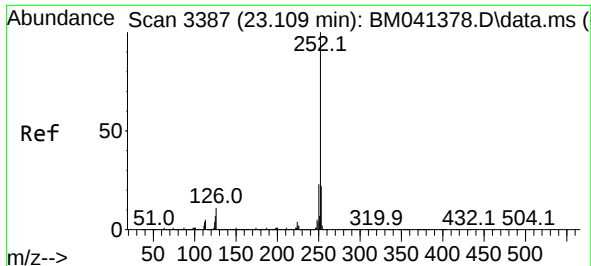
Ion Ratio Lower Upper

252 100

253 70.0 17.7 26.5#

125 61.9 8.2 12.4#

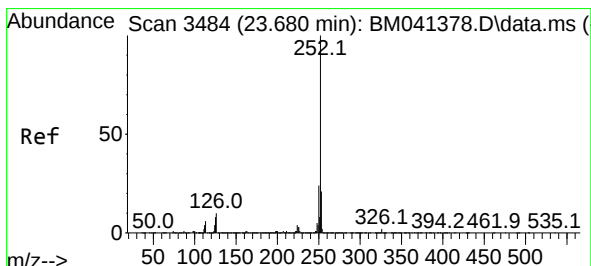
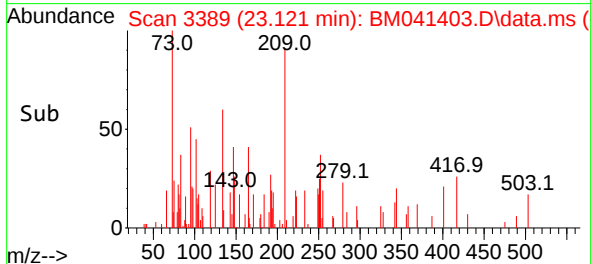
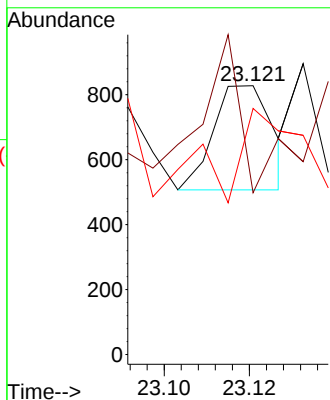
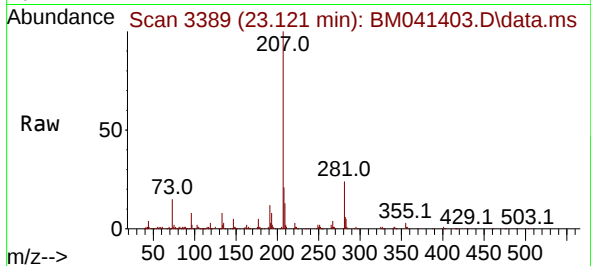




#89
Benzo(k)fluoranthene
Concen: 39.021 ng
RT: 23.121 min Scan# 31
Delta R.T. 0.012 min
Lab File: BM041403.D
Acq: 15 Aug 2023 12:36

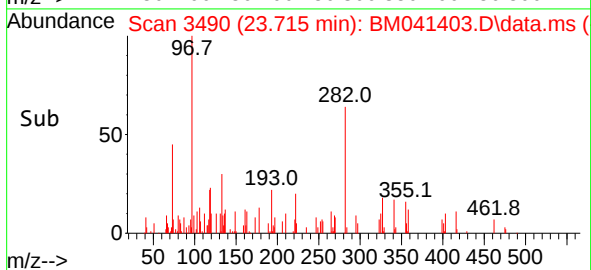
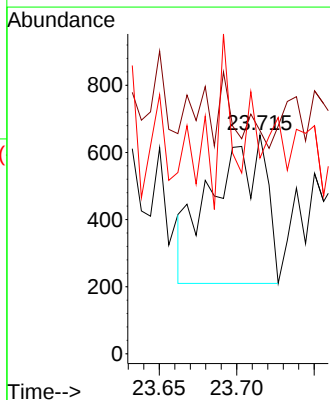
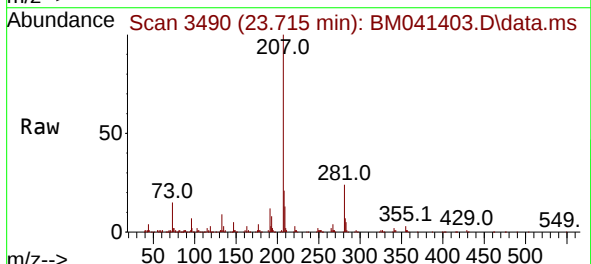
Instrument :
BNA_M
ClientSampleId :
DFTPP

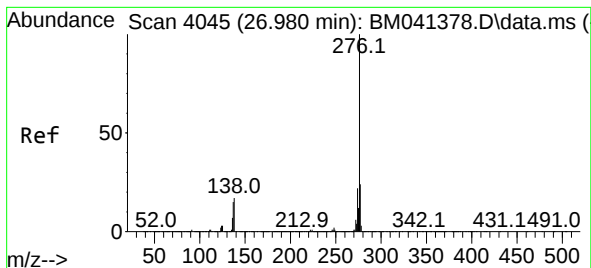
Tgt Ion:252 Resp: 313
Ion Ratio Lower Upper
252 100
253 60.1 17.4 26.0#
125 91.5 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 140.550 ng
RT: 23.715 min Scan# 3490
Delta R.T. 0.035 min
Lab File: BM041403.D
Acq: 15 Aug 2023 12:36

Tgt Ion:252 Resp: 1059
Ion Ratio Lower Upper
252 100
253 102.0 17.3 25.9#
125 89.4 9.0 13.4#





#92

Benzo(g,h,i)perylene

Concen: 26.135 ng

RT: 27.009 min Scan# 40

Delta R.T. 0.029 min

Lab File: BM041403.D

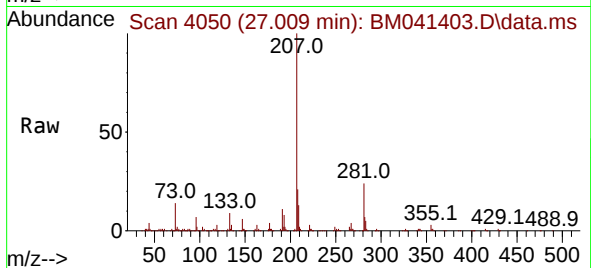
Acq: 15 Aug 2023 12:36

Instrument :

BNA_M

ClientSampleId :

DFTPP



Tgt Ion: 276 Resp: 207

Ion Ratio Lower Upper

276 100

277 0.0 19.1 28.7#

138 0.0 17.1 25.7#

