

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041329.D
 Acq On : 08 Aug 2023 14:03
 Operator : MA/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Quant Time: Aug 09 01:15:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

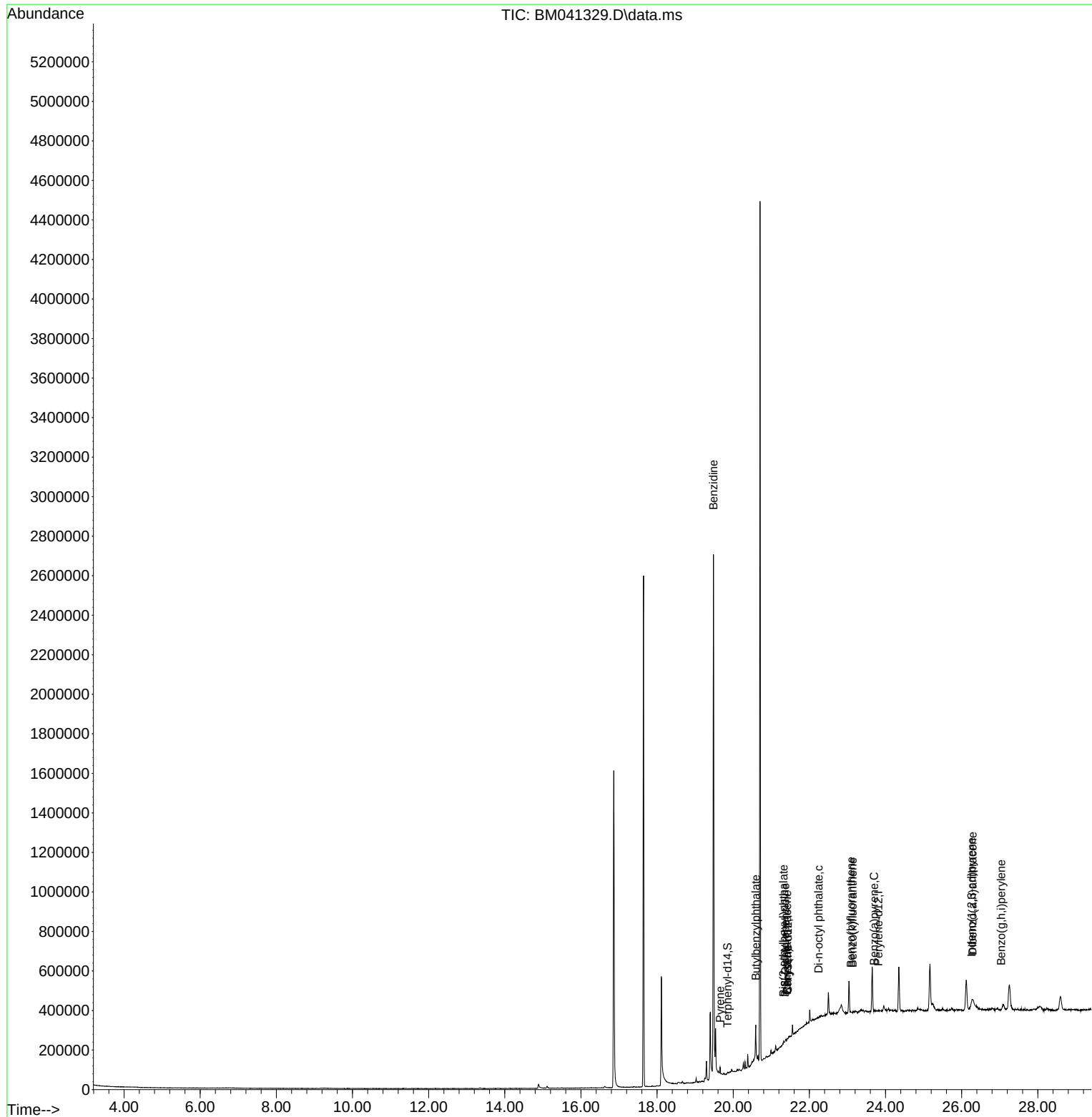
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-7.79
21) Naphthalene-d8	0.000	136	0	0.000	ng	-10.59
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.45
64) Phenanthrene-d10	0.000	188	0	0.000	ng	-17.22
76) Chrysene-d12	21.433	240	1625	20.000	ng	# 0.01
86) Perylene-d12	23.809	264	586	20.000	ng	# 0.02
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	19.850	244	2260	25.146	ng	0.00
Target Compounds						Qvalue
77) Benzidine	19.480	184	1525344	68868.708	ng	100
78) Pyrene	19.656	202	1872	16.473	ng	94
80) Butylbenzylphthalate	20.592	149	715	17.229	ng	86
81) Benzo(a)anthracene	21.415	228	2392	21.714	ng	96
82) 3,3'-Dichlorobenzidine	21.362	252	2018	56.138	ng	# 93
83) Chrysene	21.415	228	2392	22.449	ng	93
84) Bis(2-ethylhexyl)phtha...	21.321	149	3656	55.080	ng	# 95
85) Di-n-octyl phthalate	22.244	149	609	5.807	ng	# 70
87) Indeno(1,2,3-cd)pyrene	26.262	276	864	20.054	ng	# 91
88) Benzo(b)fluoranthene	23.091	252	1681	48.288	ng	# 21
89) Benzo(k)fluoranthene	23.133	252	1359	38.164	ng	# 1
90) Benzo(a)pyrene	23.697	252	426	12.736	ng	# 1
91) Dibenzo(a,h)anthracene	26.285	278	876	24.377	ng	# 1
92) Benzo(g,h,i)perylene	27.032	276	810	23.036	ng	# 39

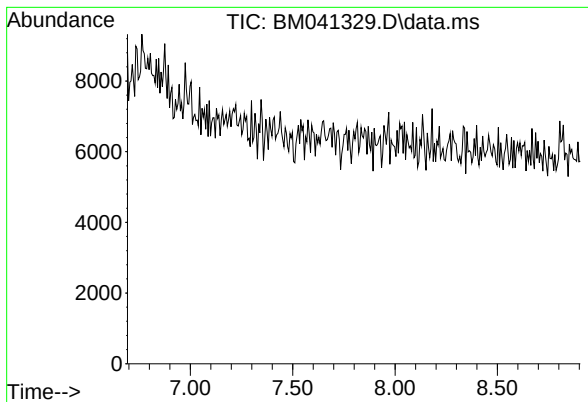
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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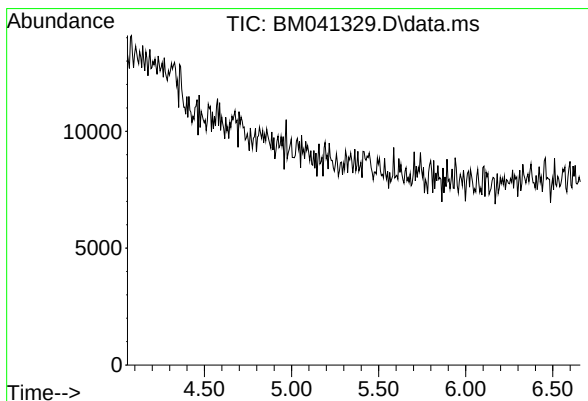
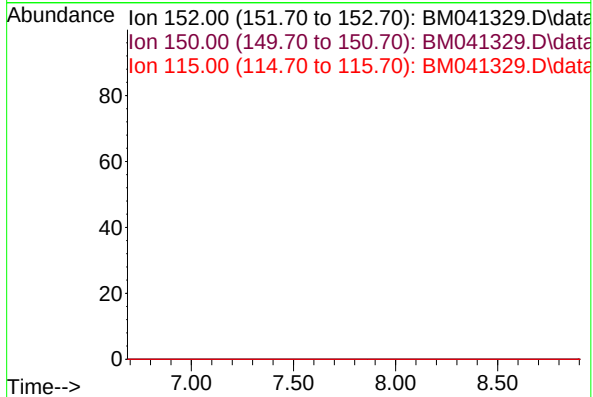


#1
1,4-Dichlorobenzene-d4
Concen: 0.000 ng
Expected RT: 7.79 min

Lab File: BM041329.D
Acq: 08 Aug 2023 14:03

Instrument :
BNA_M
ClientSampleId :
DFTPP

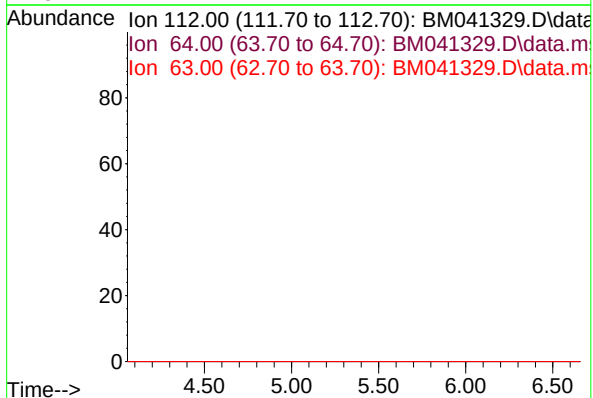
Tgt Ion: 152
Sig Exp Ratio
152 100
150 156.9
115 60.0

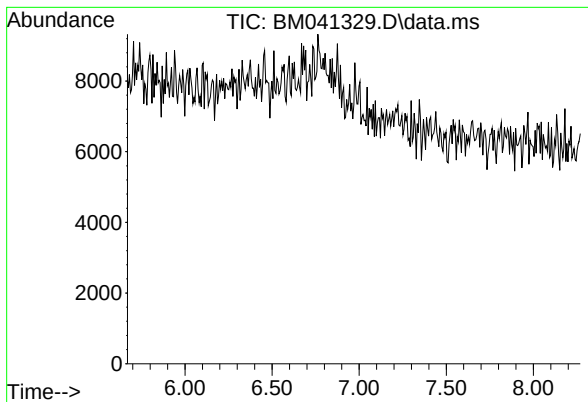


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.36 min

Lab File: BM041329.D
Acq: 08 Aug 2023 14:03

Tgt Ion: 112
Sig Exp Ratio
112 100
64 60.6
63 33.1



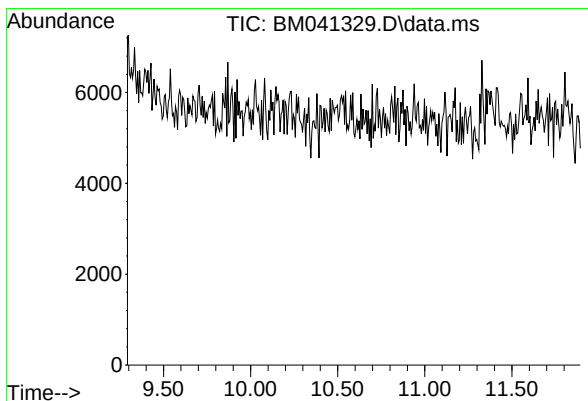
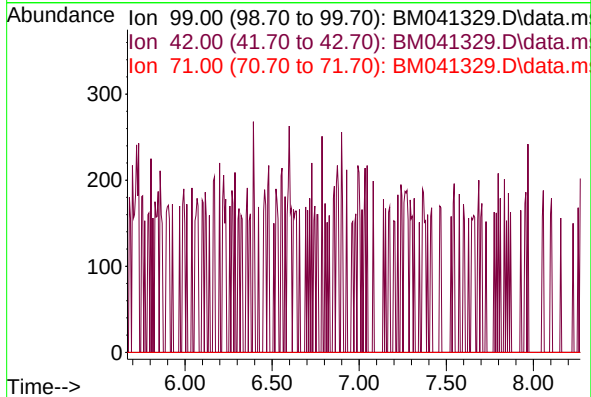


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.97 min
 Lab File: BM041329.D
 Acq: 08 Aug 2023 14:03

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion: 99

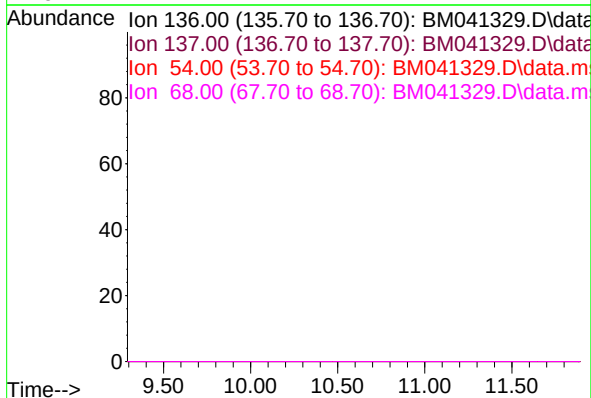
Sig	Exp Ratio
99	100
42	19.2
71	35.3

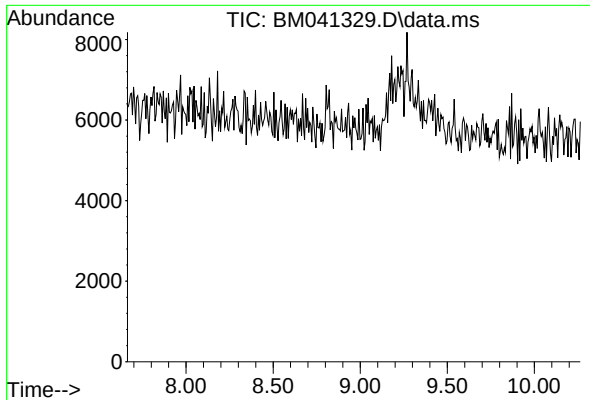


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 10.59 min
 Lab File: BM041329.D
 Acq: 08 Aug 2023 14:03

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.0
54	8.6
68	6.8



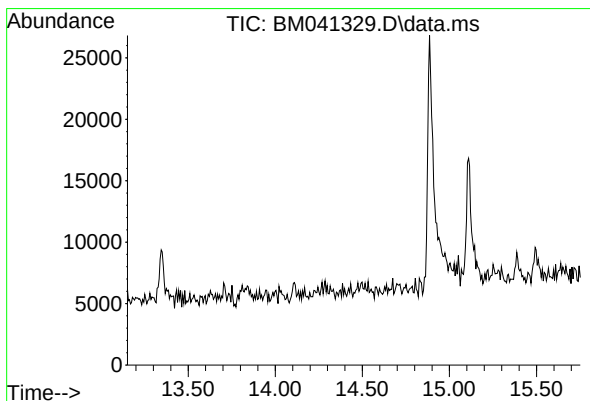
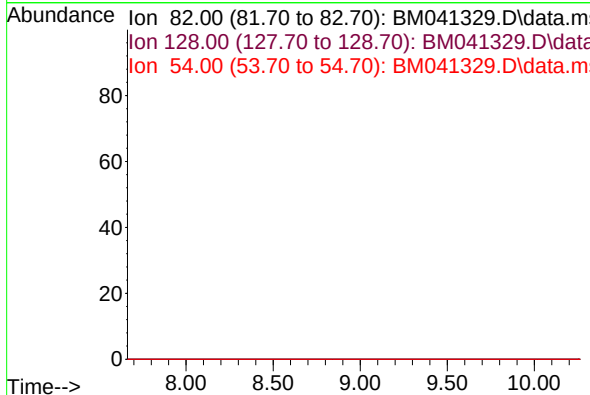


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 8.96 min
 Lab File: BM041329.D
 Acq: 08 Aug 2023 14:03

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion: 82

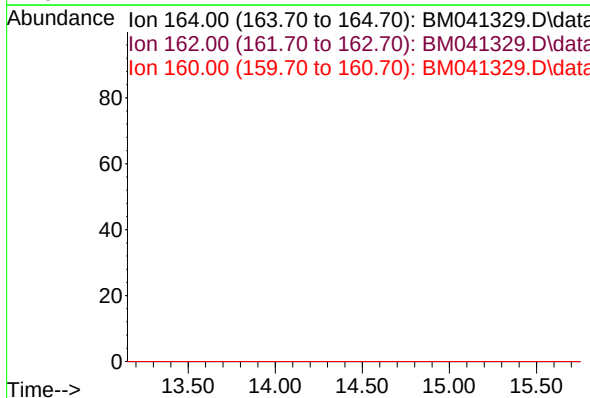
Sig	Exp Ratio
82	100
128	39.7
54	50.1

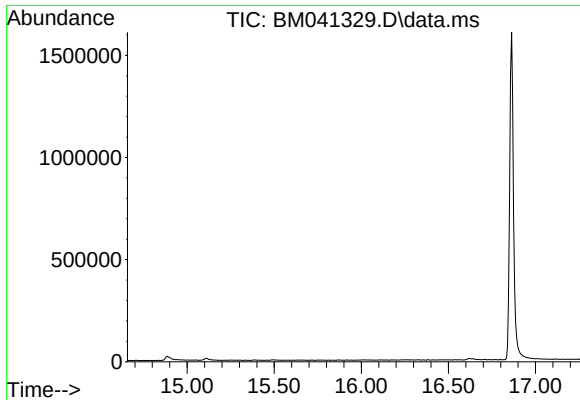


#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.45 min
 Lab File: BM041329.D
 Acq: 08 Aug 2023 14:03

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	100.5
160	45.2



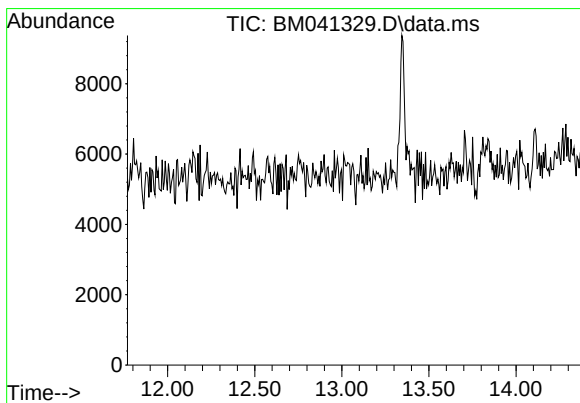
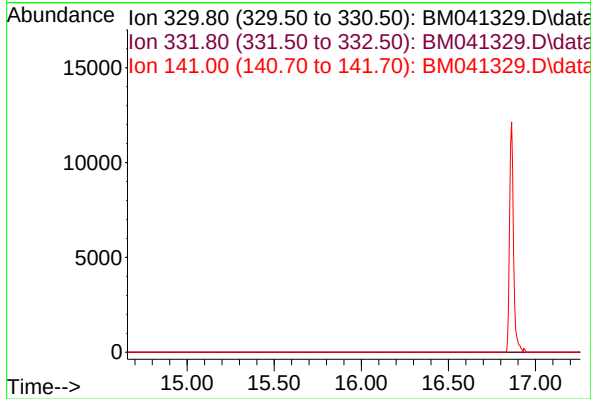


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.96 min
 Lab File: BM041329.D
 Acq: 08 Aug 2023 14:03

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion: 330

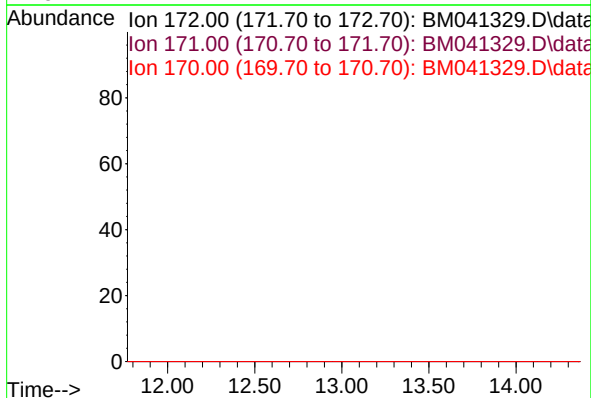
Sig	Exp Ratio
330	100
332	97.1
141	35.4

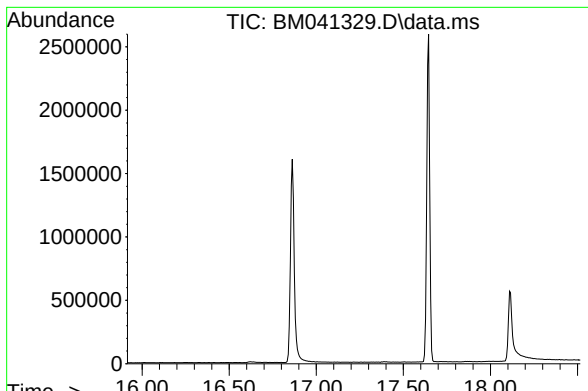


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.07 min
 Lab File: BM041329.D
 Acq: 08 Aug 2023 14:03

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.1
170	23.6



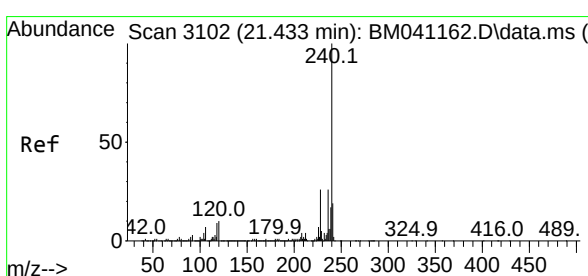
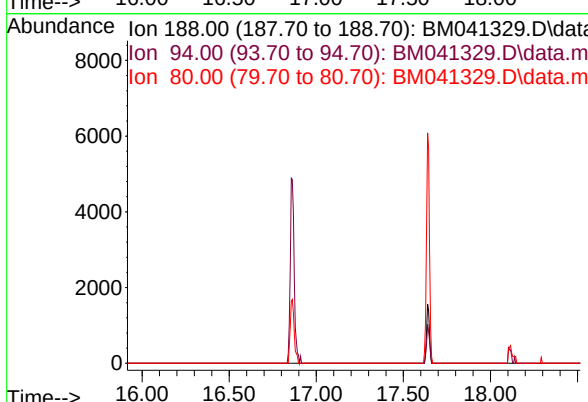


#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 17.22 min
 Lab File: BM041329.D
 Acq: 08 Aug 2023 14:03

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion: 188

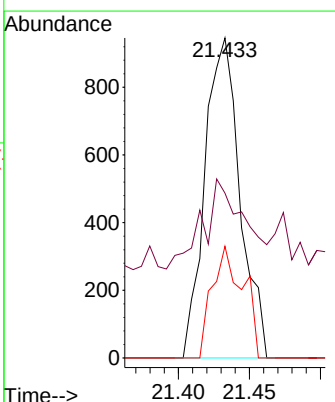
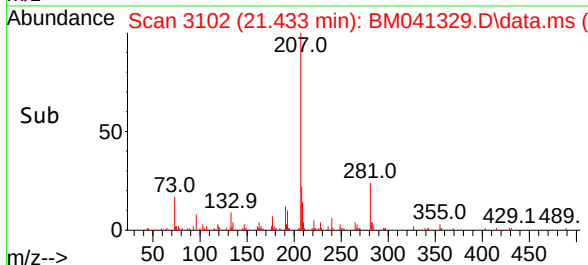
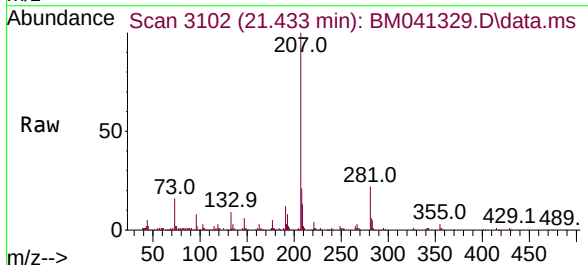
Sig	Exp Ratio
188	100
94	10.2
80	10.8

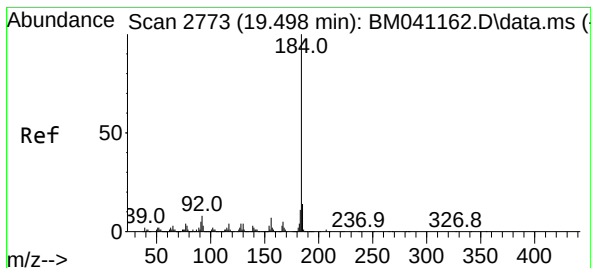


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.433 min Scan# 3102
 Delta R.T. 0.012 min
 Lab File: BM041329.D
 Acq: 08 Aug 2023 14:03

Tgt Ion: 240 Resp: 1625

Ion	Ratio	Lower	Upper
240	100		
120	51.5	8.3	12.5#
236	34.9	20.6	30.8#





#77

Benzidine

Concen: 68868.708 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041329.D

Acq: 08 Aug 2023 14:03

Instrument :

BNA_M

ClientSampleId :

DFTPP

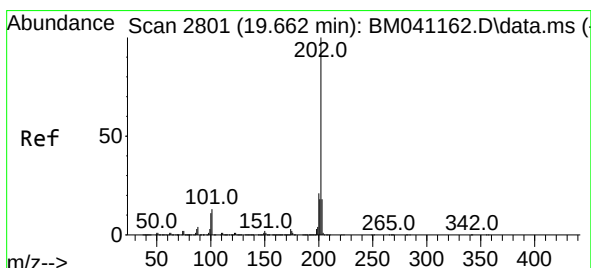
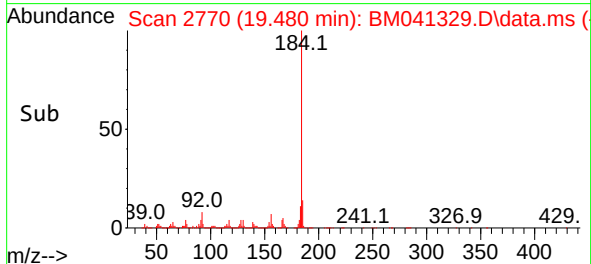
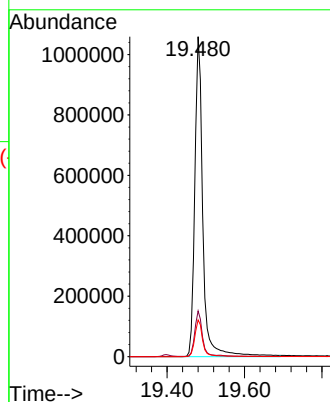
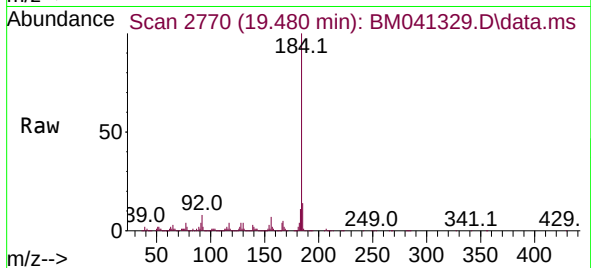
Tgt Ion:184 Resp: 1525344

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.5 9.2 13.8



#78

Pyrene

Concen: 16.473 ng

RT: 19.656 min Scan# 2800

Delta R.T. 0.012 min

Lab File: BM041329.D

Acq: 08 Aug 2023 14:03

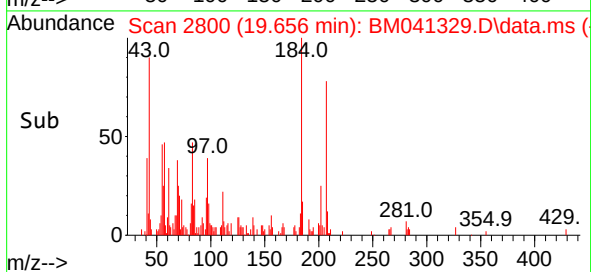
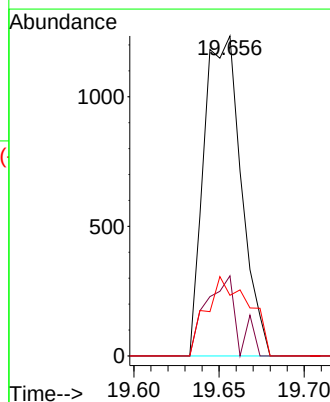
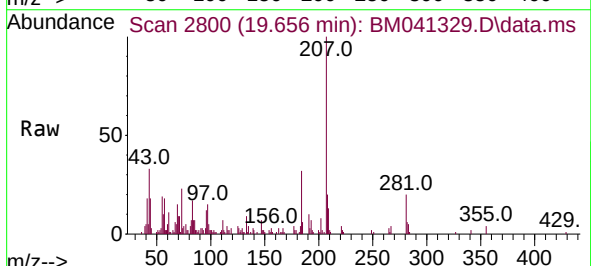
Tgt Ion:202 Resp: 1872

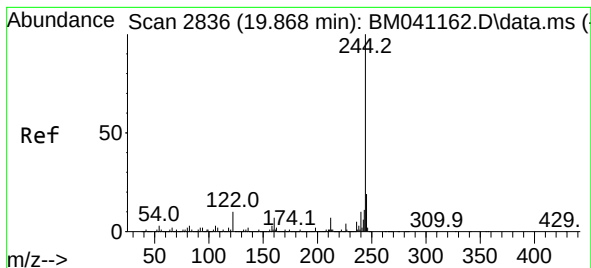
Ion Ratio Lower Upper

202 100

200 25.0 16.9 25.3

203 18.9 14.1 21.1





#79

Terphenyl-d14

Concen: 25.146 ng

RT: 19.850 min Scan# 2833

Delta R.T. 0.000 min

Lab File: BM041329.D

Acq: 08 Aug 2023 14:03

Instrument :

BNA_M

ClientSampleId :

DFTPP

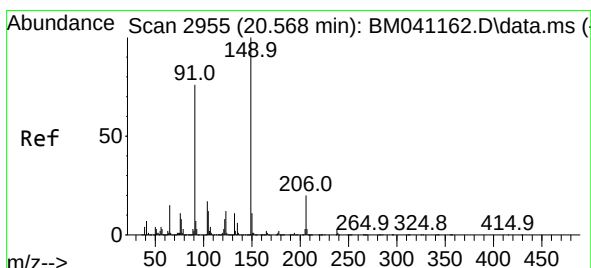
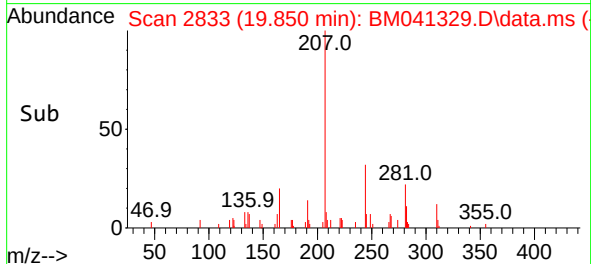
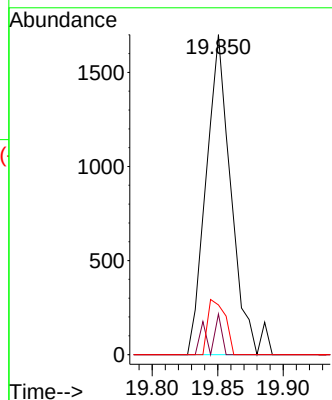
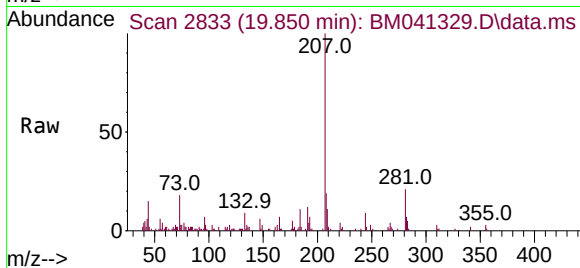
Tgt Ion:244 Resp: 2260

Ion Ratio Lower Upper

244 100

212 12.7 5.4 8.2#

122 15.5 7.8 11.6#



#80

Butylbenzylphthalate

Concen: 17.229 ng

RT: 20.592 min Scan# 2959

Delta R.T. 0.041 min

Lab File: BM041329.D

Acq: 08 Aug 2023 14:03

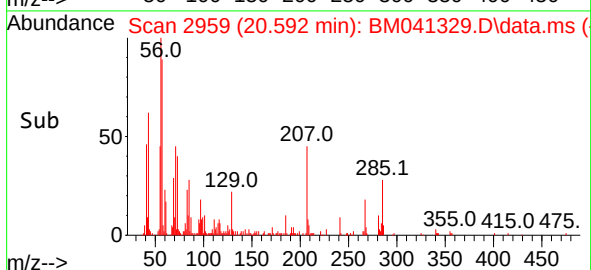
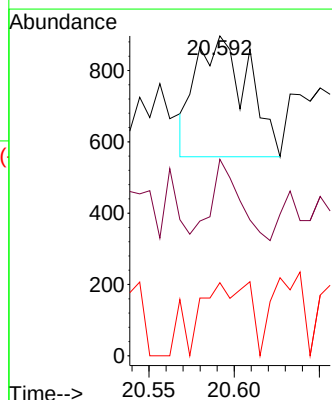
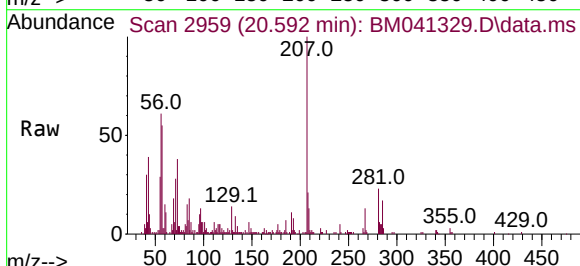
Tgt Ion:149 Resp: 715

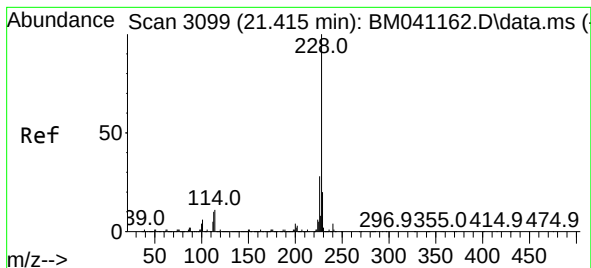
Ion Ratio Lower Upper

149 100

91 61.4 60.8 91.2

206 22.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 21.714 ng

RT: 21.415 min Scan# 3099

Delta R.T. 0.012 min

Lab File: BM041329.D

Acq: 08 Aug 2023 14:03

Instrument :

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ClientSampleId :

DFTPP

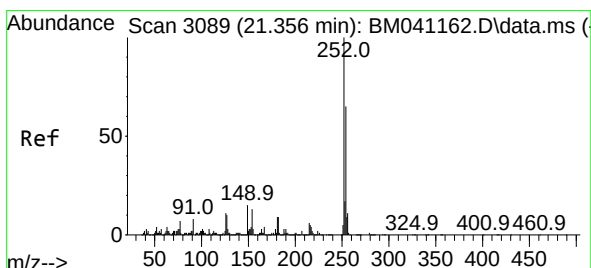
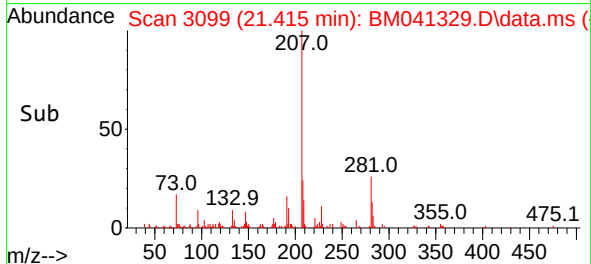
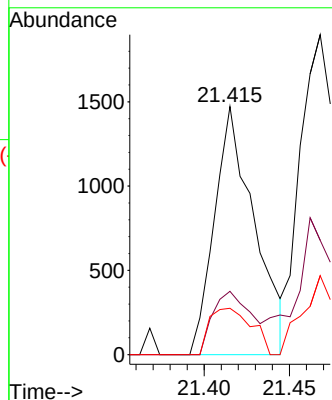
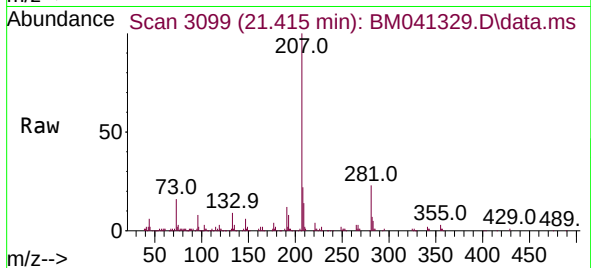
Tgt Ion:228 Resp: 2392

Ion Ratio Lower Upper

228 100

226 25.5 22.4 33.6

229 18.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 56.138 ng

RT: 21.362 min Scan# 3090

Delta R.T. 0.018 min

Lab File: BM041329.D

Acq: 08 Aug 2023 14:03

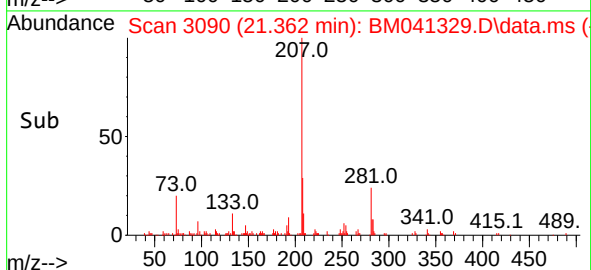
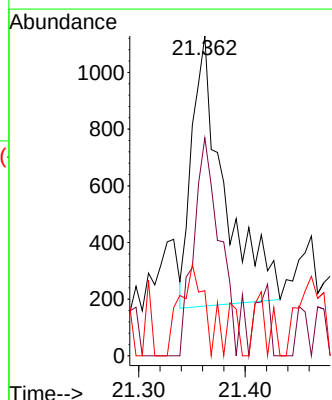
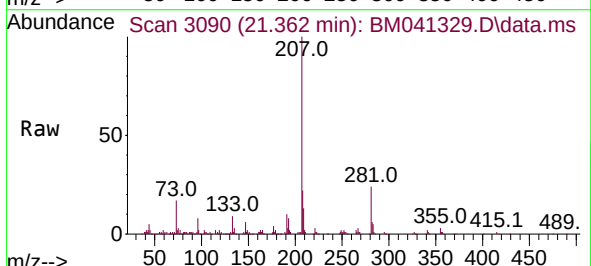
Tgt Ion:252 Resp: 2018

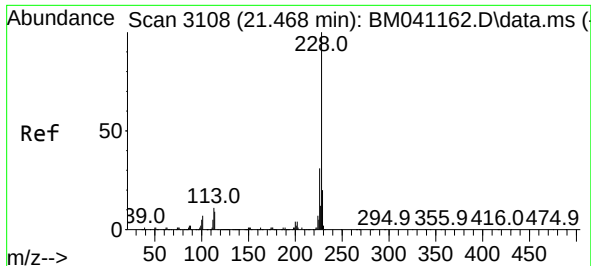
Ion Ratio Lower Upper

252 100

254 68.1 51.8 77.6

126 20.4 8.6 13.0#

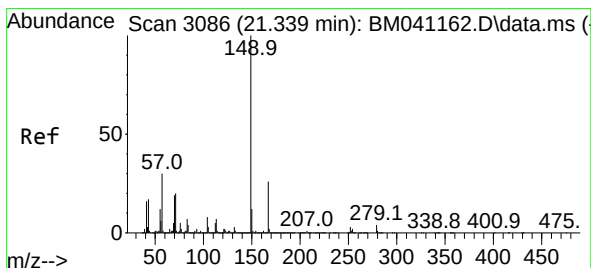
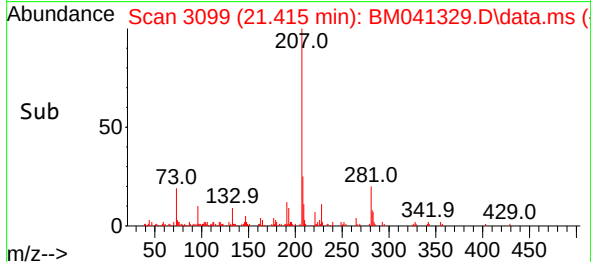
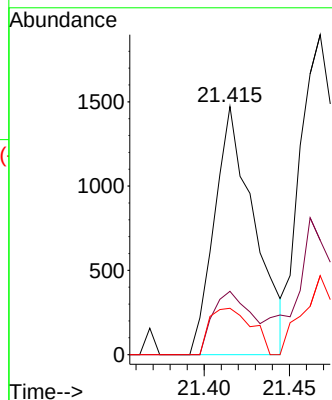
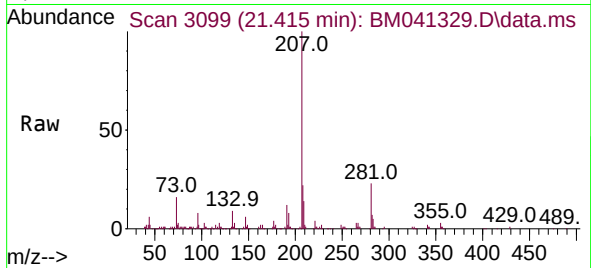




#83
Chrysene
Concen: 22.449 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.041 min
Lab File: BM041329.D
Acq: 08 Aug 2023 14:03

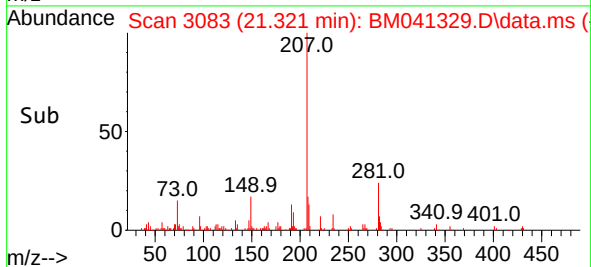
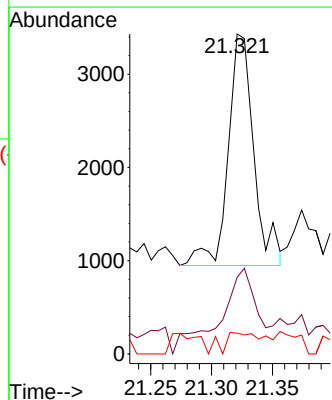
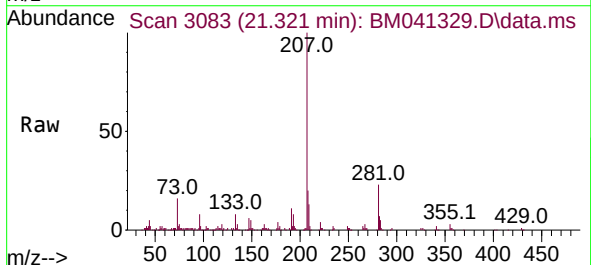
Instrument :
BNA_M
ClientSampleId :
DFTPP

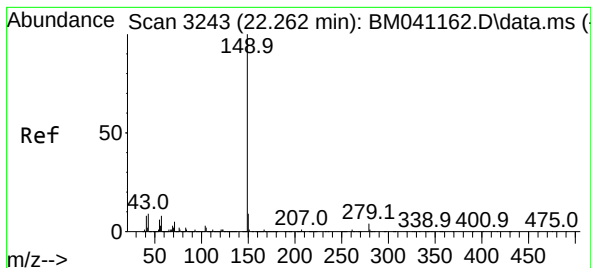
Tgt Ion:	228	Resp:	2392
Ion Ratio	Lower	Upper	
228	100		
226	25.5	24.5	36.7
229	18.7	15.8	23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.080 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BM041329.D
Acq: 08 Aug 2023 14:03

Tgt Ion:	149	Resp:	3656
Ion Ratio	Lower	Upper	
149	100		
167	23.9	21.0	31.6
279	6.5	3.1	4.7#





#85

Di-n-octyl phthalate

Concen: 5.807 ng

RT: 22.244 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041329.D

Acq: 08 Aug 2023 14:03

Instrument :

BNA_M

ClientSampleId :

DFTPP

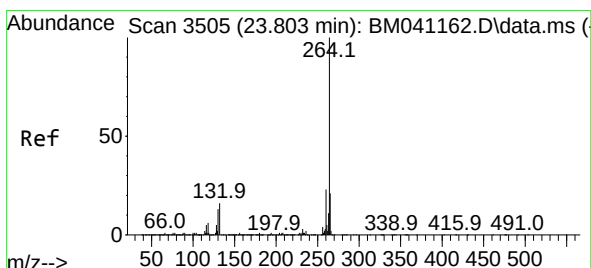
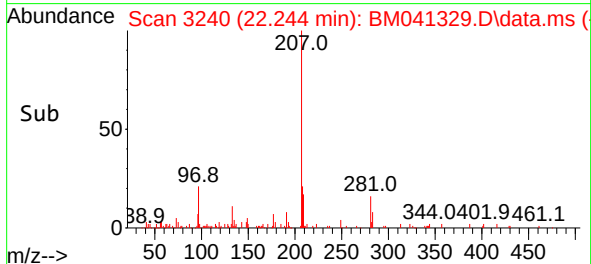
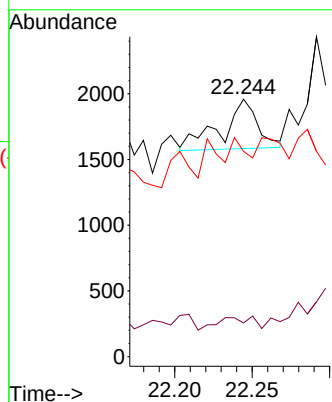
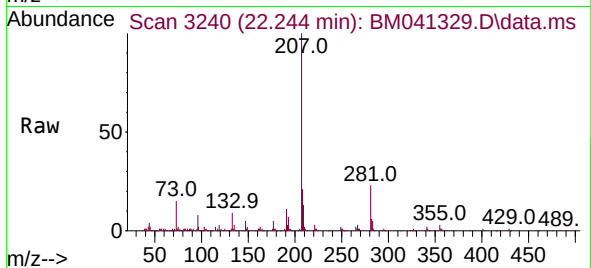
Tgt Ion:149 Resp: 609

Ion Ratio Lower Upper

149 100

167 19.0 1.2 1.8#

43 0.0 8.3 12.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.809 min Scan# 3506

Delta R.T. 0.024 min

Lab File: BM041329.D

Acq: 08 Aug 2023 14:03

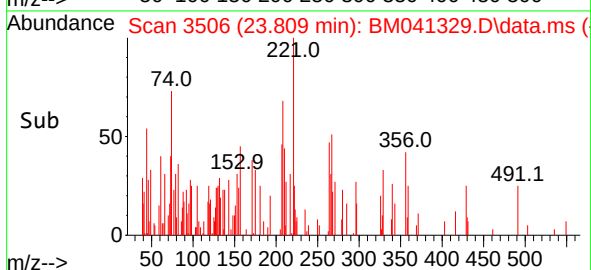
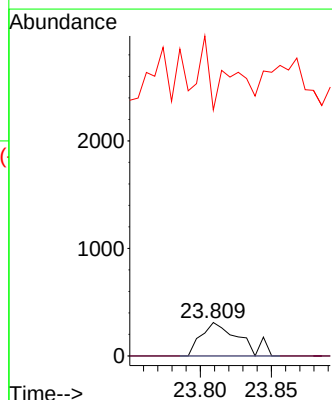
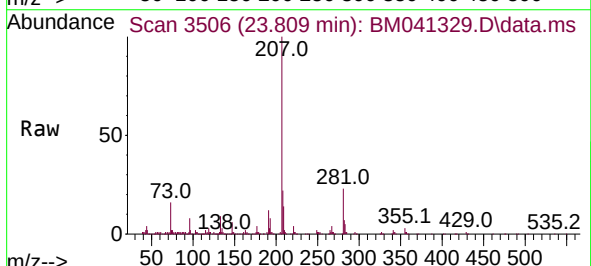
Tgt Ion:264 Resp: 586

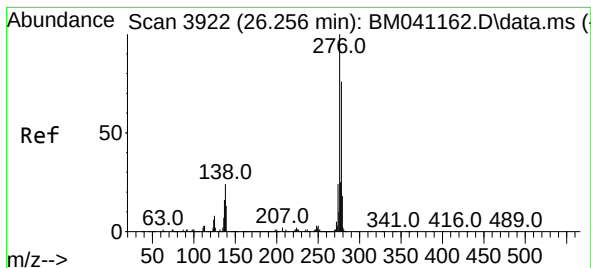
Ion Ratio Lower Upper

264 100

260 0.0 18.5 27.7#

265 737.7 17.4 26.0#





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.054 ng

RT: 26.262 min Scan# 3922

Delta R.T. 0.018 min

Lab File: BM041329.D

Acq: 08 Aug 2023 14:03

Instrument :

BNA_M

ClientSampleId :

DFTPP

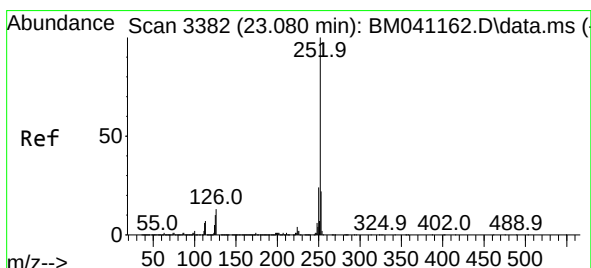
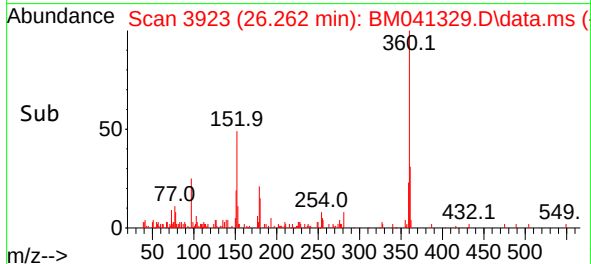
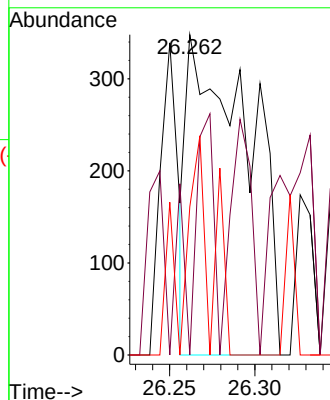
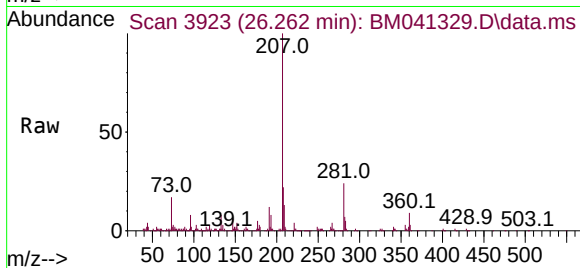
Tgt Ion:276 Resp: 864

Ion Ratio Lower Upper

276 100

138 28.0 20.0 30.0

277 31.4 20.1 30.1#



#88

Benzo(b)fluoranthene

Concen: 48.288 ng

RT: 23.091 min Scan# 3384

Delta R.T. 0.018 min

Lab File: BM041329.D

Acq: 08 Aug 2023 14:03

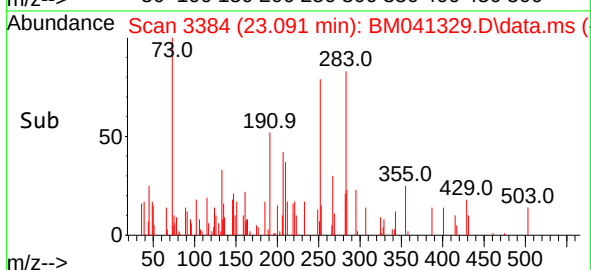
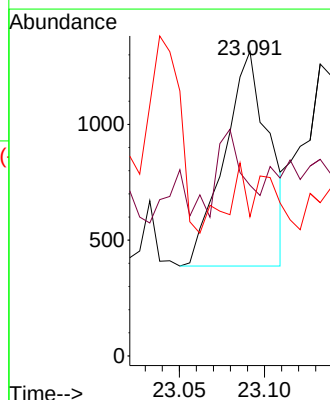
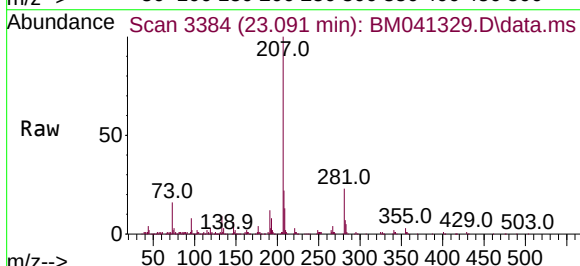
Tgt Ion:252 Resp: 1681

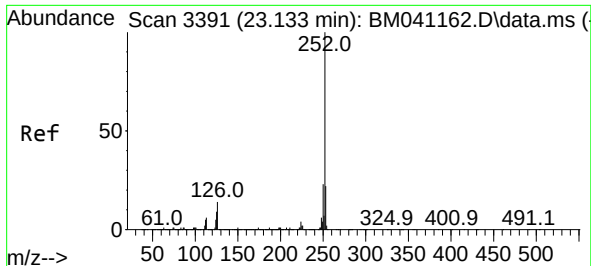
Ion Ratio Lower Upper

252 100

253 56.0 17.7 26.5#

125 45.7 8.2 12.4#

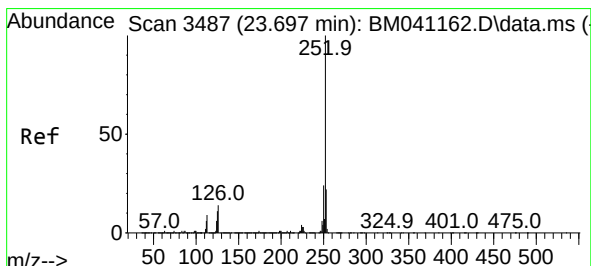
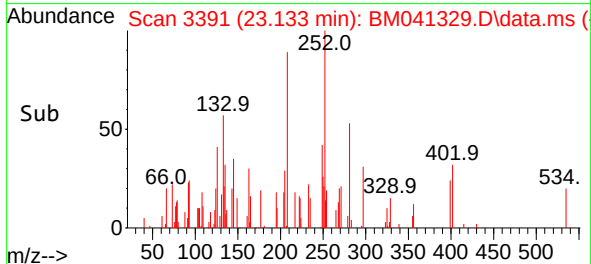
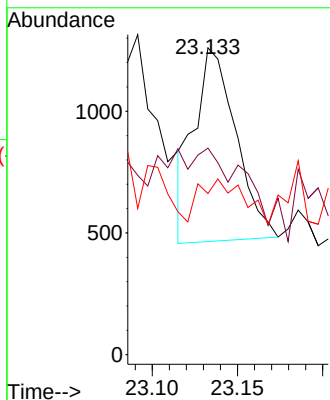
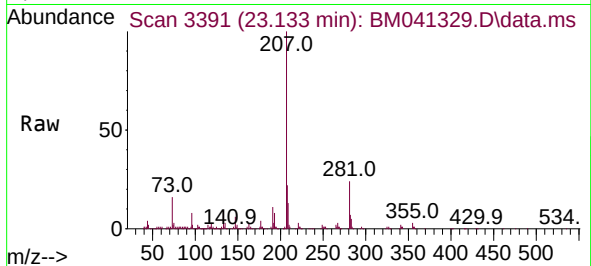




#89
Benzo(k)fluoranthene
Concen: 38.164 ng
RT: 23.133 min Scan# 3391
Delta R.T. 0.012 min
Lab File: BM041329.D
Acq: 08 Aug 2023 14:03

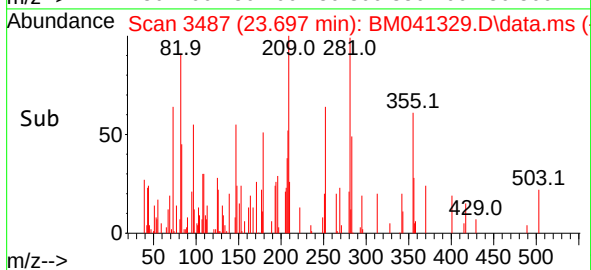
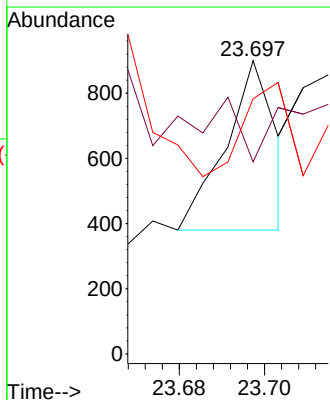
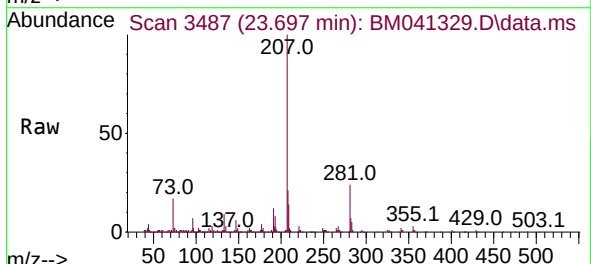
Instrument :
BNA_M
ClientSampleId :
DFTTP

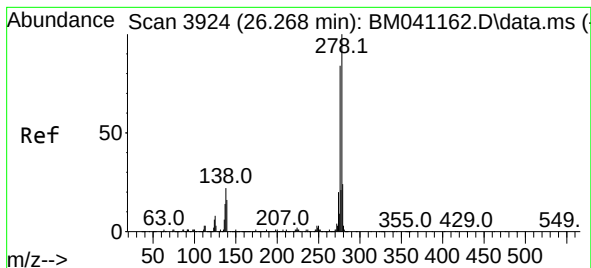
Tgt Ion:252 Resp: 1359
Ion Ratio Lower Upper
252 100
253 67.3 17.4 26.0#
125 52.5 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 12.736 ng
RT: 23.697 min Scan# 3487
Delta R.T. 0.012 min
Lab File: BM041329.D
Acq: 08 Aug 2023 14:03

Tgt Ion:252 Resp: 426
Ion Ratio Lower Upper
252 100
253 65.4 17.3 25.9#
125 87.0 9.0 13.4#





#91

Dibenzo(a,h)anthracene

Concen: 24.377 ng

RT: 26.285 min Scan# 39

Delta R.T. 0.029 min

Lab File: BM041329.D

Acq: 08 Aug 2023 14:03

Instrument :

BNA_M

ClientSampleId :

DFTPP

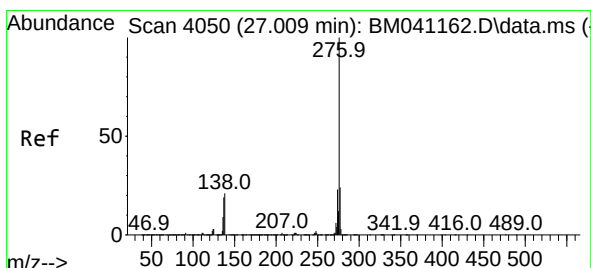
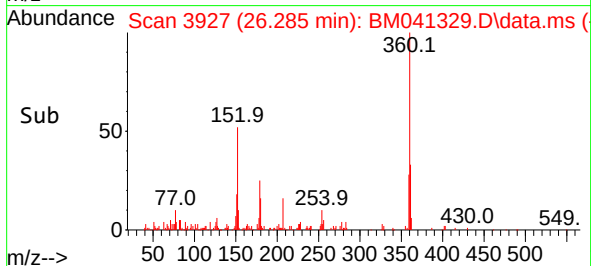
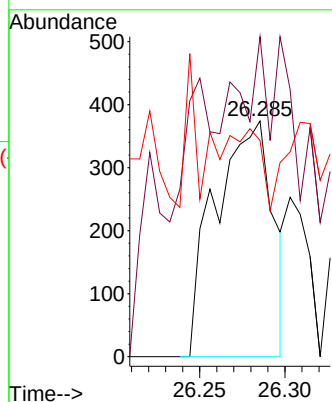
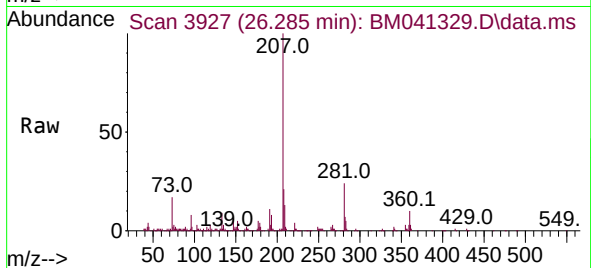
Tgt Ion:278 Resp: 876

Ion Ratio Lower Upper

278 100

139 135.8 12.7 19.1#

279 91.7 19.1 28.7#



#92

Benzo(g,h,i)perylene

Concen: 23.036 ng

RT: 27.032 min Scan# 4054

Delta R.T. 0.035 min

Lab File: BM041329.D

Acq: 08 Aug 2023 14:03

Tgt Ion:276 Resp: 810

Ion Ratio Lower Upper

276 100

277 58.7 19.1 28.7#

138 45.4 17.1 25.7#

