

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019706.D
 Acq On : 14 Feb 2024 17:47
 Operator : MA/JU
 Sample : P1449-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-362

Quant Time: Feb 14 18:12:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

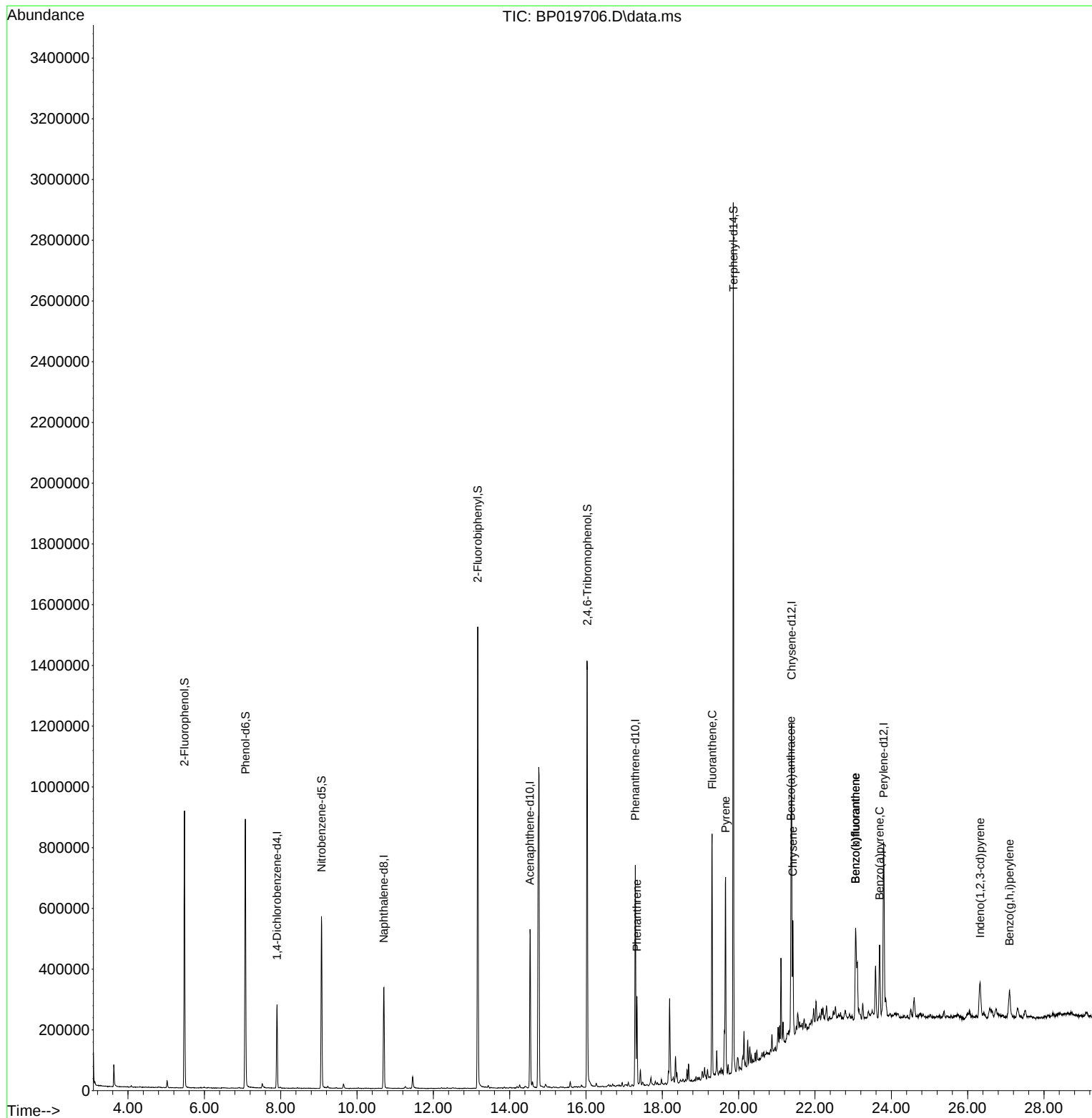
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	74089	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	279361	20.000	ng	-0.01
39) Acenaphthene-d10	14.533	164	189195	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	455308	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	450574	20.000	ng	# 0.00
86) Perylene-d12	23.798	264	509289	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	381376	82.974	ng	0.00
7) Phenol-d6	7.075	99	494978	79.867	ng	-0.01
23) Nitrobenzene-d5	9.069	82	340186	52.766	ng	-0.02
42) 2,4,6-Tribromophenol	16.033	330	308427	111.653	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	806114	52.673	ng	-0.02
79) Terphenyl-d14	19.862	244	1486104	54.241	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.333	178	181714	7.584	ng	98
75) Fluoranthene	19.304	202	492590	16.828	ng	99
78) Pyrene	19.657	202	422141	13.275	ng	99
81) Benzo(a)anthracene	21.368	228	230003	7.252	ng	97
83) Chrysene	21.421	228	234047	7.772	ng	98
87) Indeno(1,2,3-cd)pyrene	26.327	276	140214	3.597	ng	# 96
88) Benzo(b)fluoranthene	23.062	252	306202	9.540	ng	# 96
89) Benzo(k)fluoranthene	23.062	252	306202	9.987	ng	96
90) Benzo(a)pyrene	23.692	252	205134	7.183	ng	96
92) Benzo(g,h,i)perylene	27.097	276	131591	4.045	ng	99

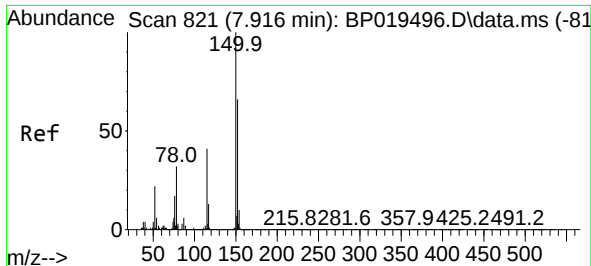
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019706.D
Acq On : 14 Feb 2024 17:47
Operator : MA/JU
Sample : P1449-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-362

Quant Time: Feb 14 18:12:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

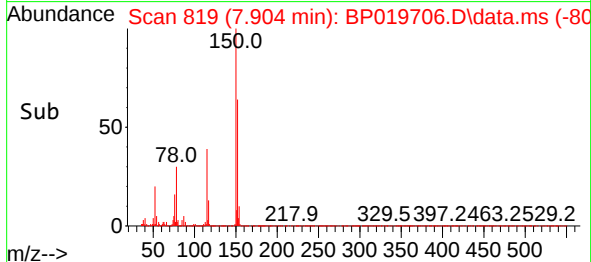
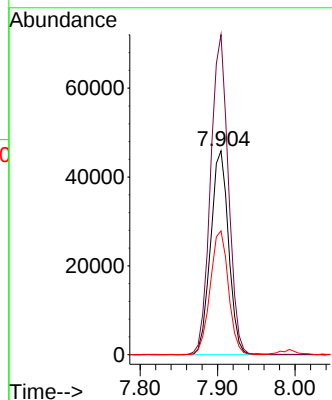
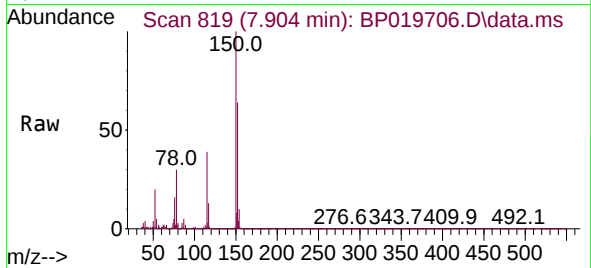




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

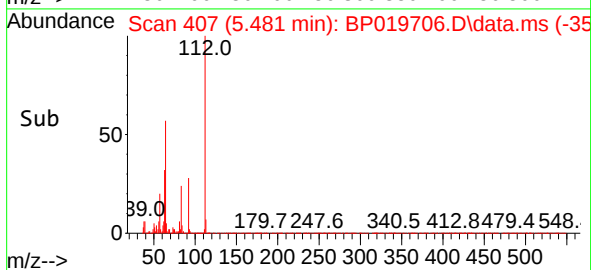
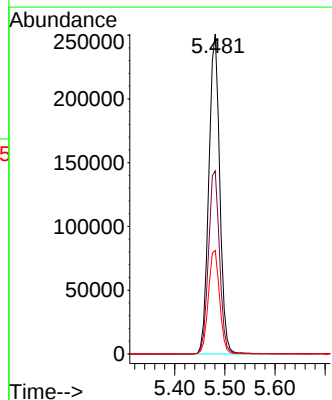
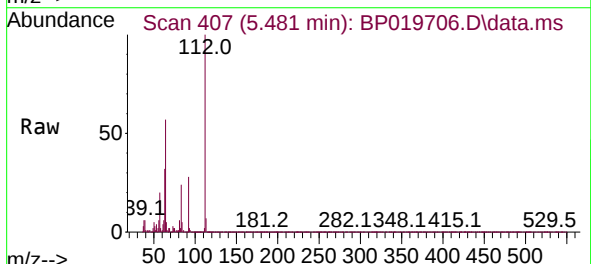
Instrument :
BNA_P
ClientSampleId :
ETGI-362

Tgt Ion:152 Resp: 74089
Ion Ratio Lower Upper
152 100
150 156.9 121.8 182.8
115 60.7 49.9 74.9



#5
2-Fluorophenol
Concen: 82.974 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

Tgt Ion:112 Resp: 381376
Ion Ratio Lower Upper
112 100
64 57.2 47.4 71.0
63 32.3 27.0 40.6





#7

Phenol-d6

Concen: 79.867 ng

RT: 7.075 min Scan# 61

Delta R.T. -0.012 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

Instrument :

BNA_P

ClientSampleId :

ETGI-362

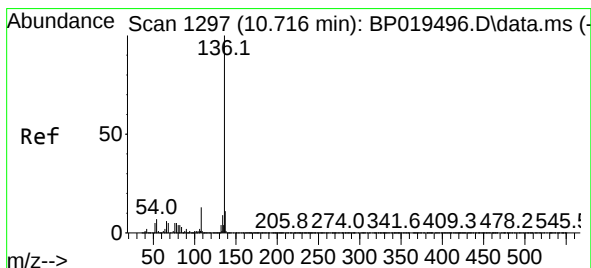
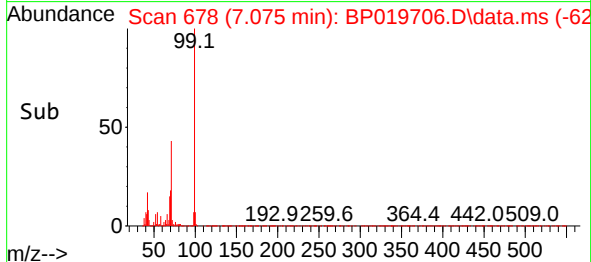
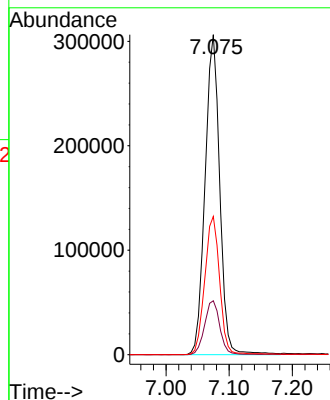
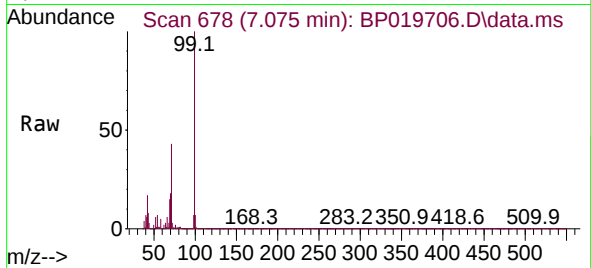
Tgt Ion: 99 Resp: 494978

Ion Ratio Lower Upper

99 100

42 16.9 14.7 22.1

71 43.2 34.8 52.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.704 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

Tgt Ion:136 Resp: 279361

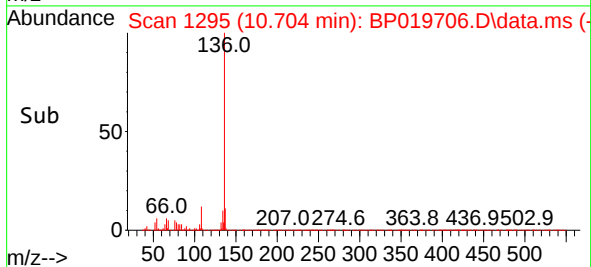
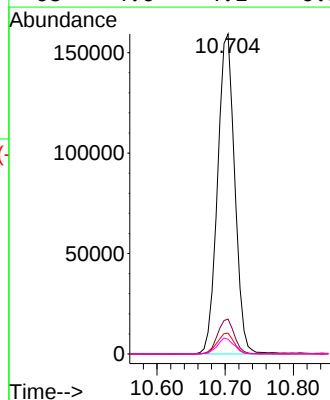
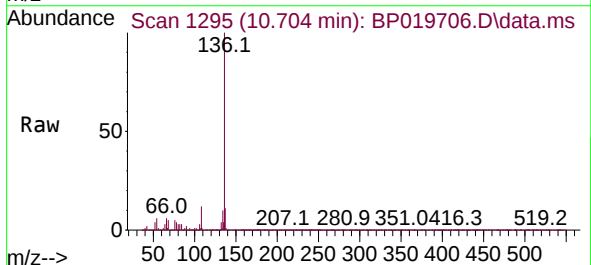
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.5 5.3 7.9

68 4.6 4.1 6.1

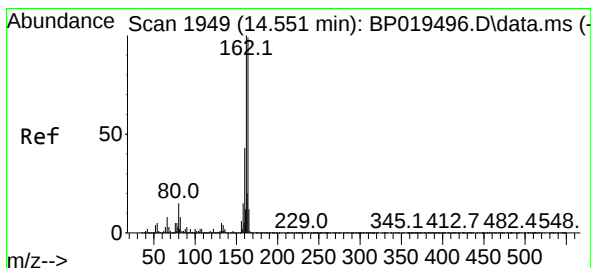
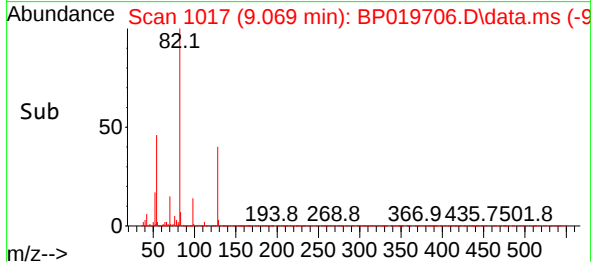
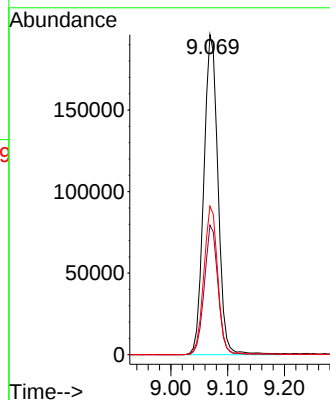
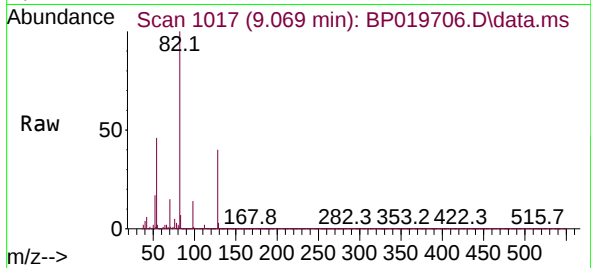




#23
Nitrobenzene-d5
Concen: 52.766 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

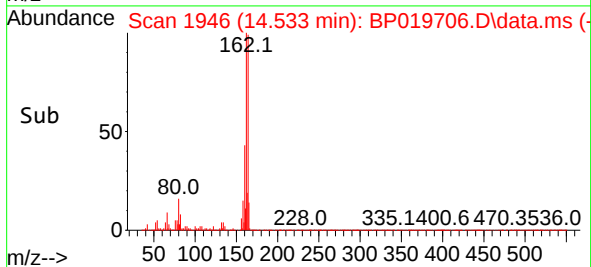
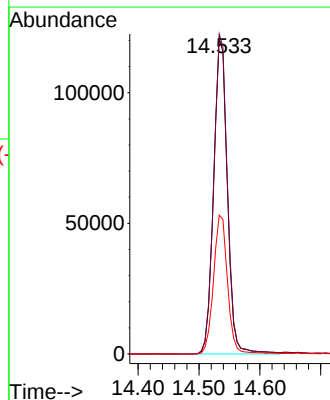
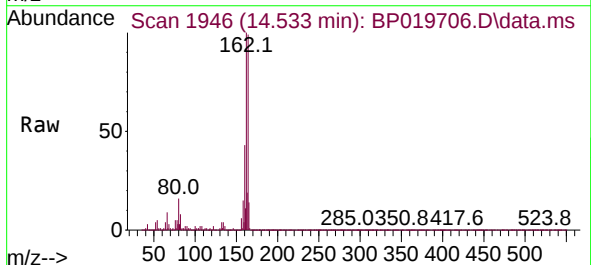
Instrument :
BNA_P
ClientSampleId :
ETGI-362

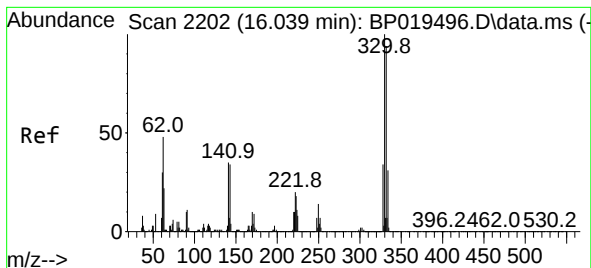
Tgt Ion: 82 Resp: 340186
Ion Ratio Lower Upper
82 100
128 40.5 29.7 44.5
54 46.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.018 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

Tgt Ion: 164 Resp: 189195
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 43.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 111.653 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

Instrument :

BNA_P

ClientSampleId :

ETGI-362

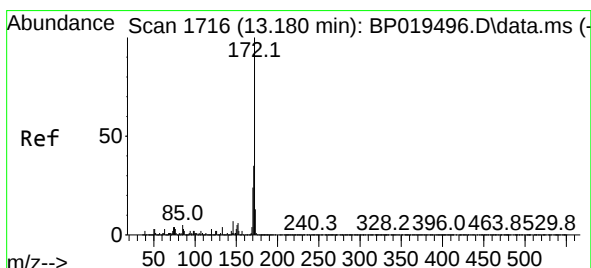
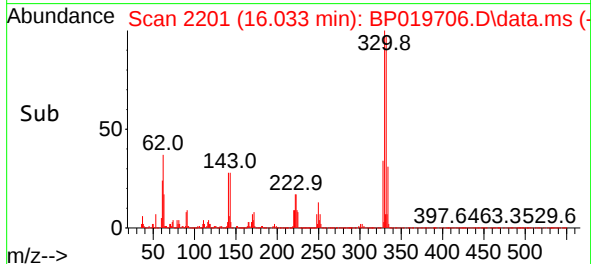
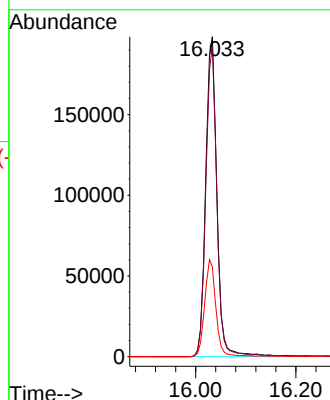
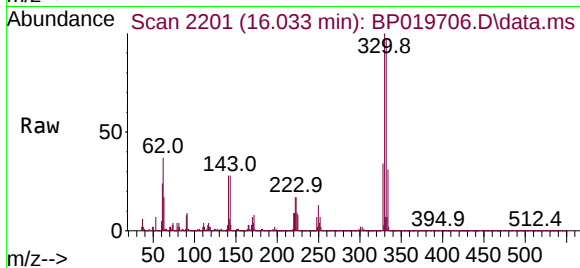
Tgt Ion:330 Resp: 308427

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

141 30.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 52.673 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.018 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

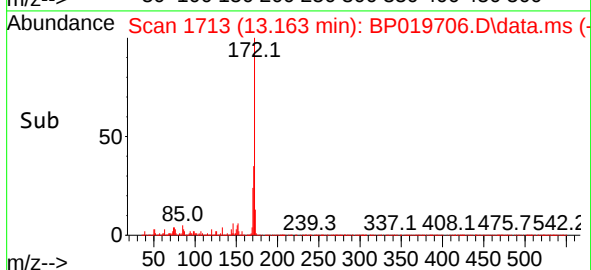
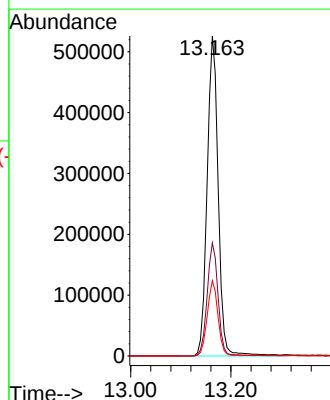
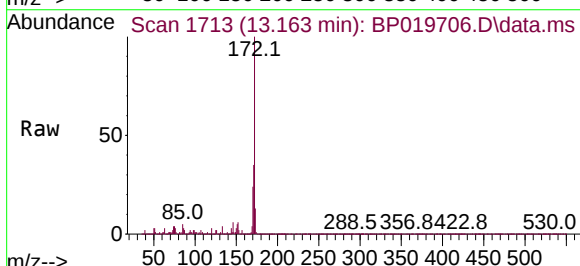
Tgt Ion:172 Resp: 806114

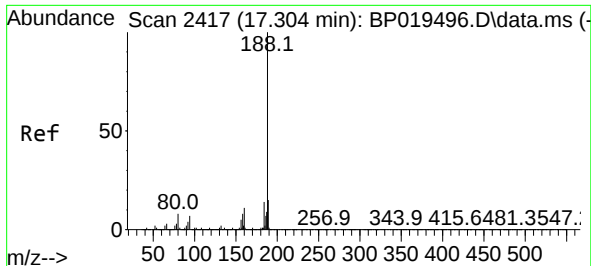
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.5 18.9 28.3

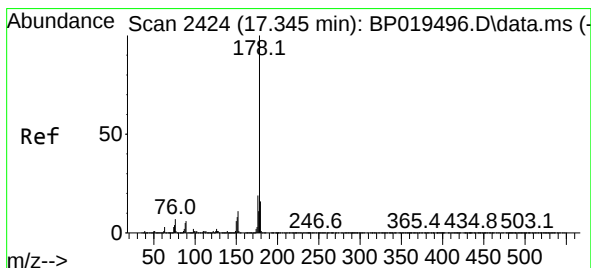
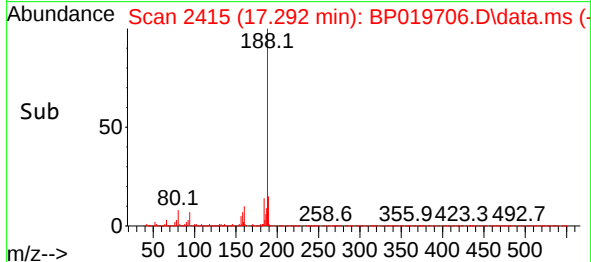
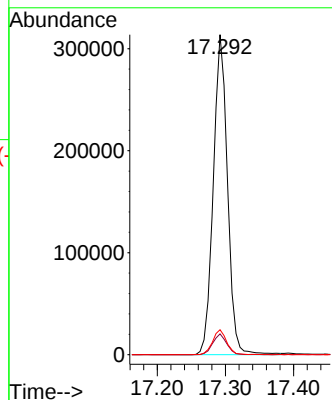
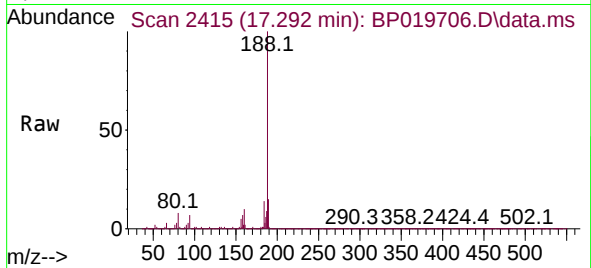




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

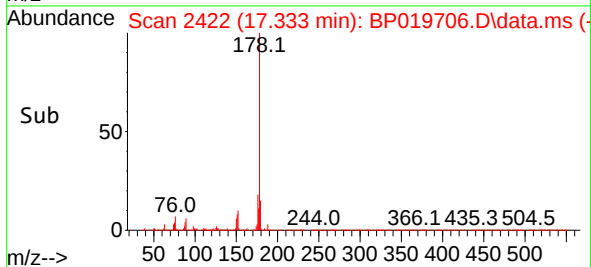
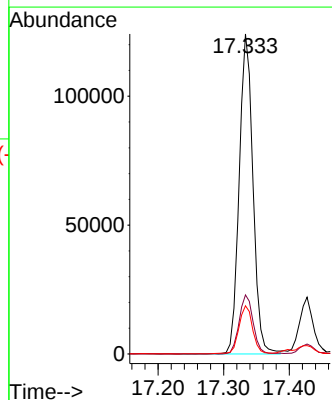
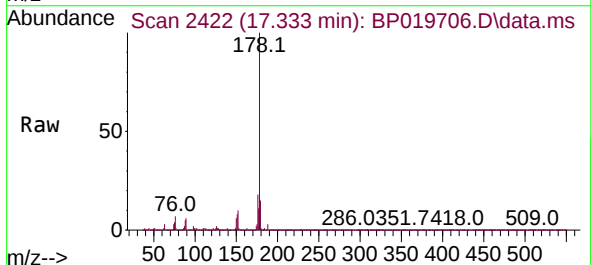
Instrument :
BNA_P
ClientSampleId :
ETGI-362

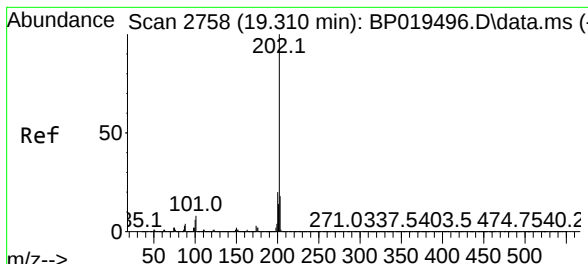
Tgt Ion:188 Resp: 455308
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 7.8 6.3 9.5



#71
Phenanthrene
Concen: 7.584 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP019706.D
Acq: 14 Feb 2024 17:47

Tgt Ion:178 Resp: 181714
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 15.0 12.6 19.0

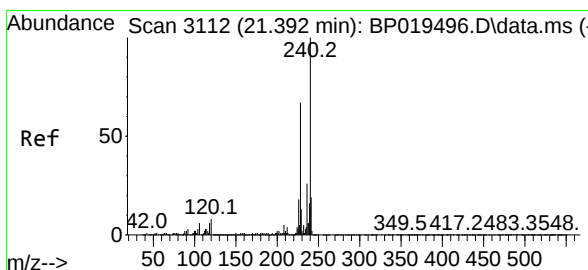
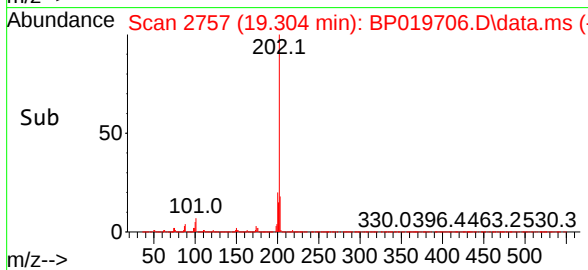
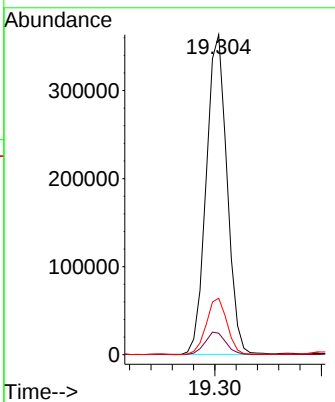
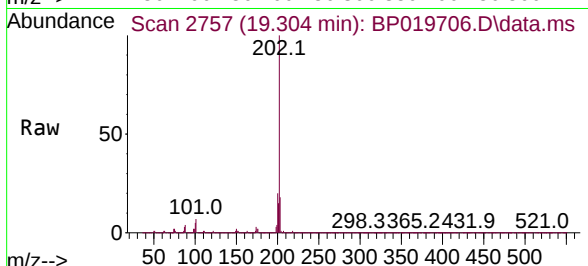




#75
 Fluoranthene
 Concen: 16.828 ng
 RT: 19.304 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019706.D
 Acq: 14 Feb 2024 17:47

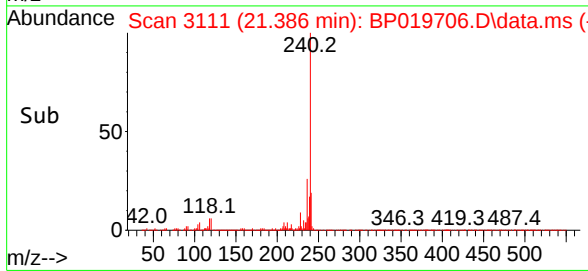
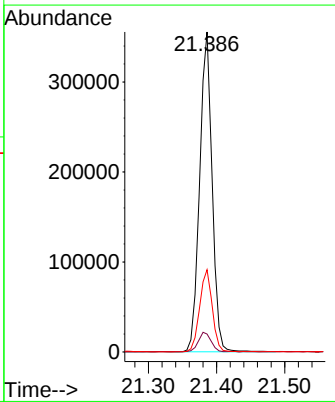
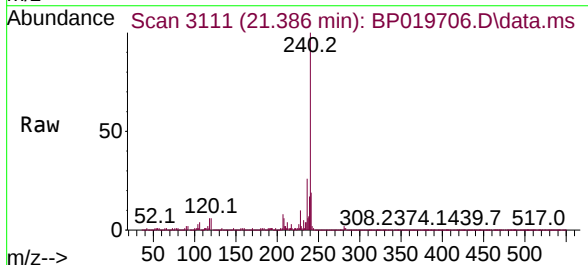
Instrument :
 BNA_P
 ClientSampleId :
 ETGI-362

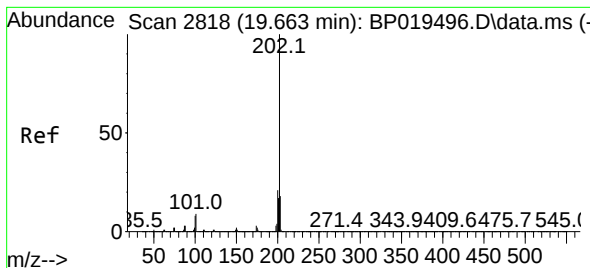
Tgt Ion:	202	Resp:	492590
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	27.7
203	17.7	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.006 min
 Lab File: BP019706.D
 Acq: 14 Feb 2024 17:47

Tgt Ion:	240	Resp:	450574
Ion Ratio	Lower	Upper	
240	100		
120	5.6	6.1	9.1#
236	25.7	20.7	31.1





#78

Pyrene

Concen: 13.275 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

Instrument :

BNA_P

ClientSampleId :

ETGI-362

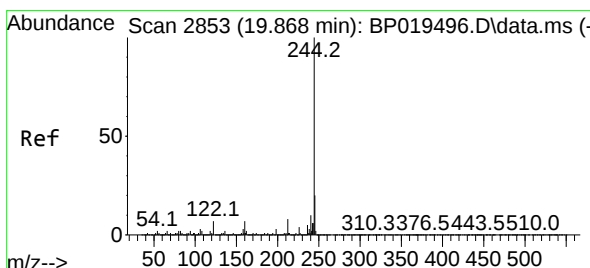
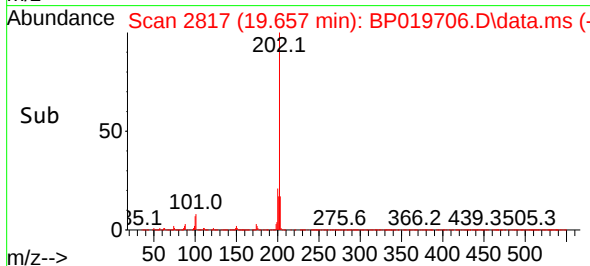
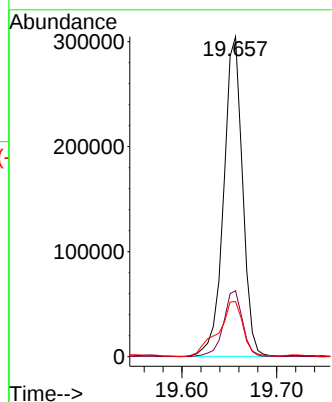
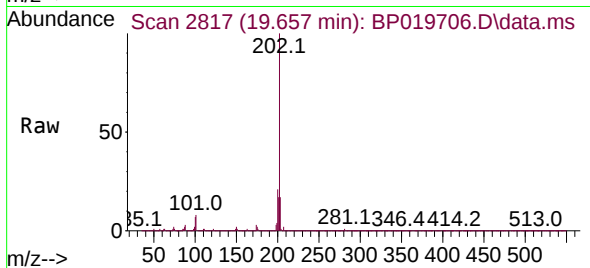
Tgt Ion:202 Resp: 422141

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 17.3 14.2 21.2



#79

Terphenyl-d14

Concen: 54.241 ng

RT: 19.862 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

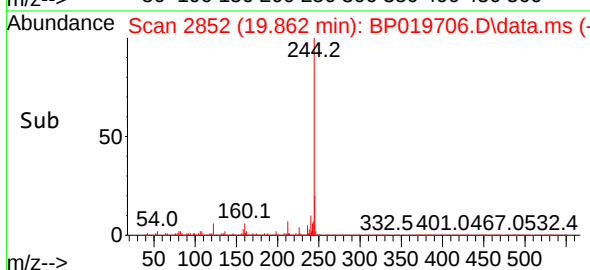
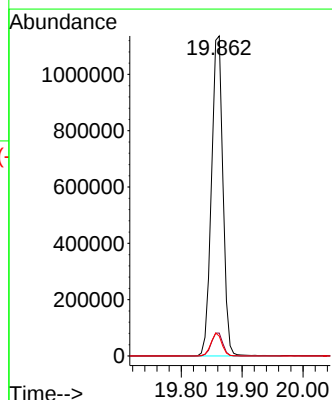
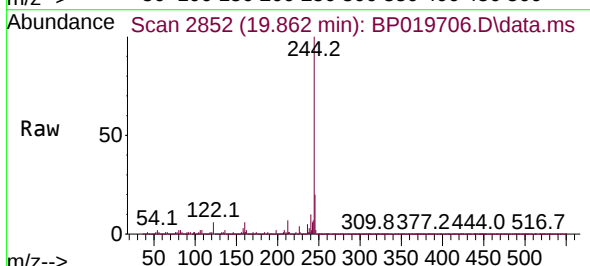
Tgt Ion:244 Resp: 1486104

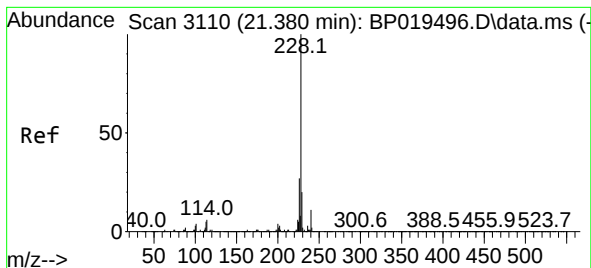
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.2 5.9 8.9





#81

Benzo(a)anthracene

Concen: 7.252 ng

RT: 21.368 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

Instrument :

BNA_P

ClientSampleId :

ETGI-362

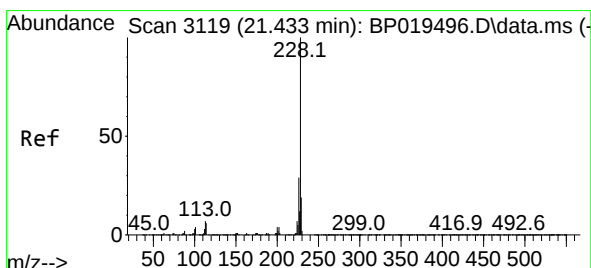
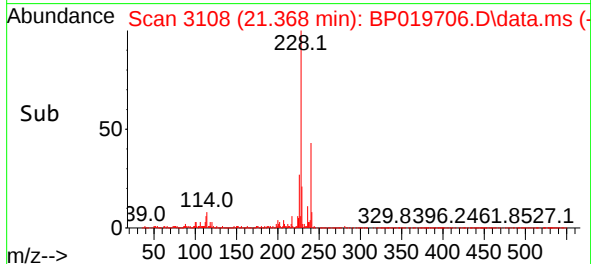
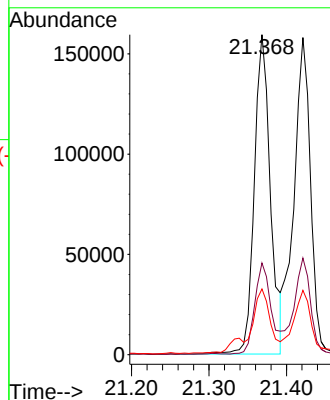
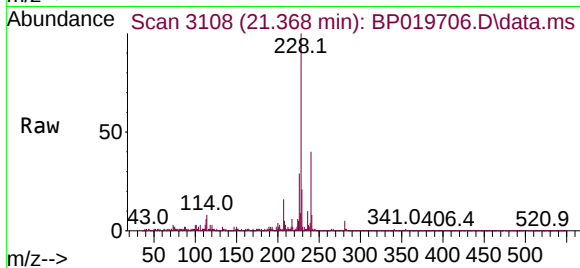
Tgt Ion:228 Resp: 230003

Ion Ratio Lower Upper

228 100

226 28.7 21.7 32.5

229 20.6 15.6 23.4



#83

Chrysene

Concen: 7.772 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

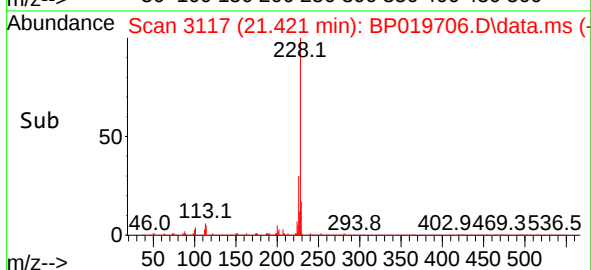
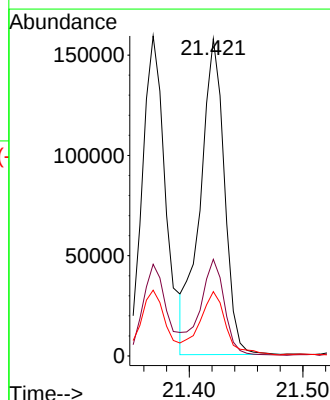
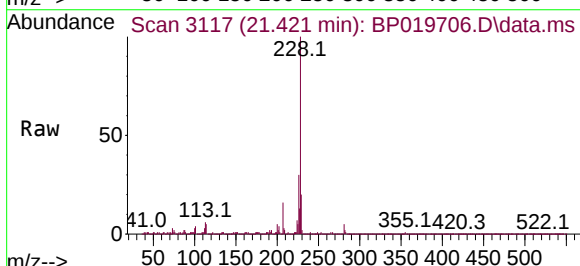
Tgt Ion:228 Resp: 234047

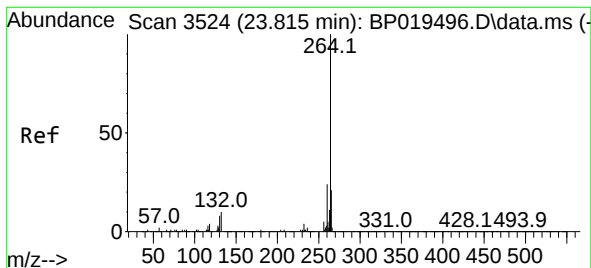
Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.2

229 20.3 15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

Instrument :

BNA_P

ClientSampleId :

ETGI-362

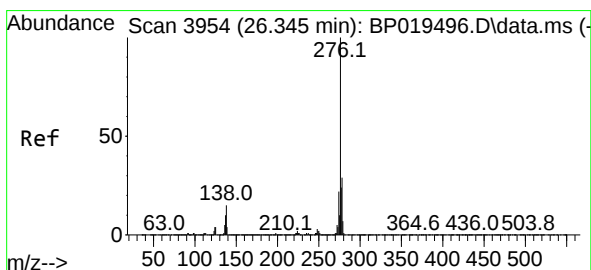
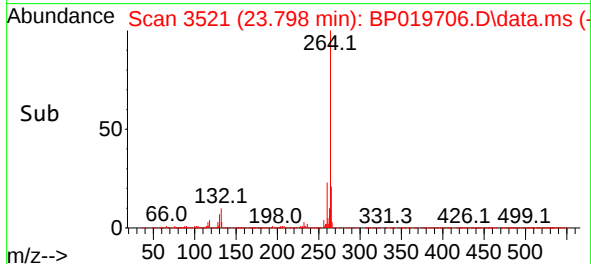
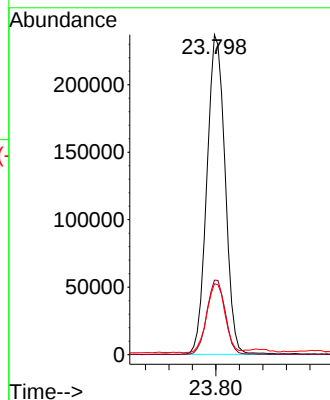
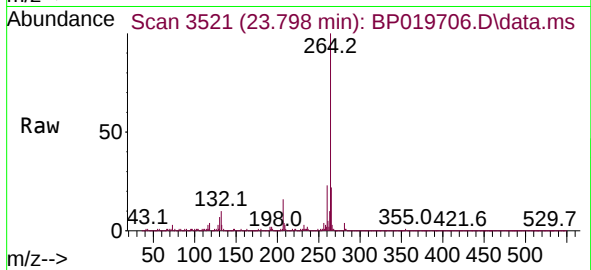
Tgt Ion:264 Resp: 509289

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.2 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.597 ng

RT: 26.327 min Scan# 3951

Delta R.T. -0.018 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

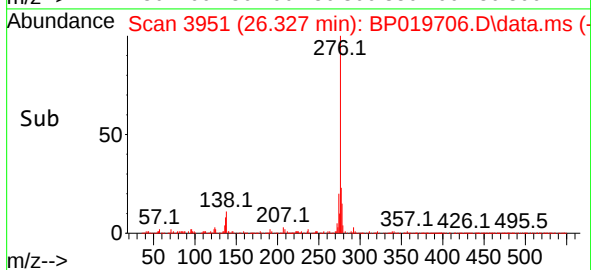
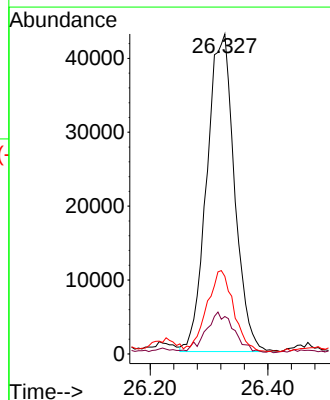
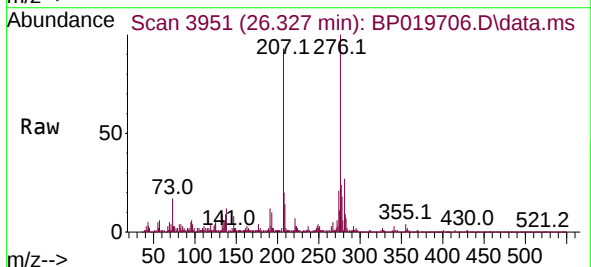
Tgt Ion:276 Resp: 140214

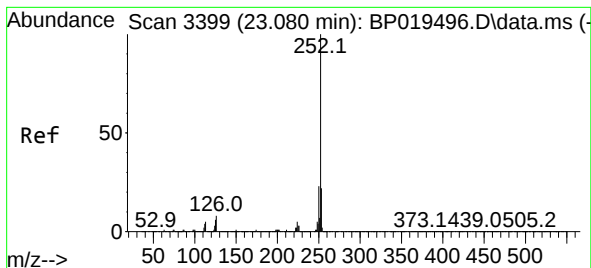
Ion Ratio Lower Upper

276 100

138 12.7 13.1 19.7#

277 24.7 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 9.540 ng

RT: 23.062 min Scan# 3396

Delta R.T. -0.018 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

Instrument :

BNA_P

ClientSampleId :

ETGI-362

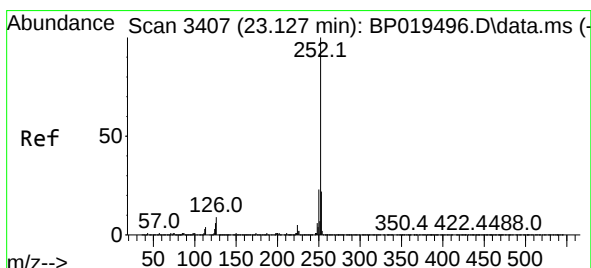
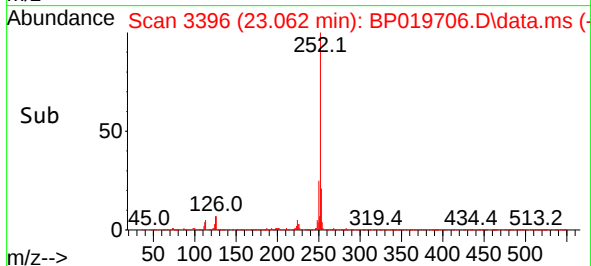
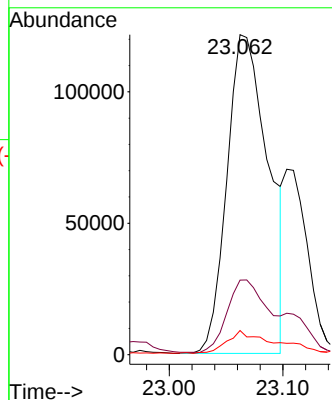
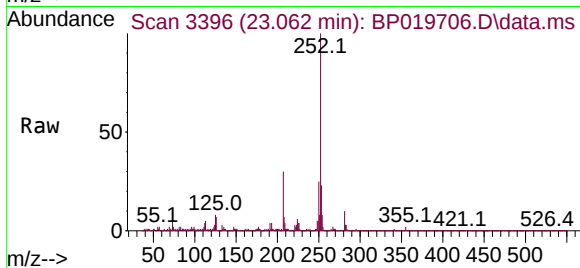
Tgt Ion:252 Resp: 306202

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

125 7.6 4.9 7.3#



#89

Benzo(k)fluoranthene

Concen: 9.987 ng

RT: 23.062 min Scan# 3396

Delta R.T. -0.065 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

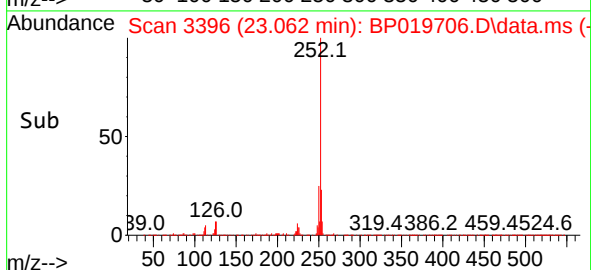
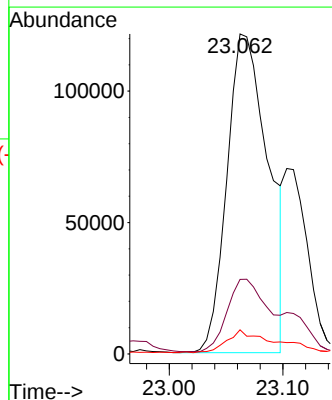
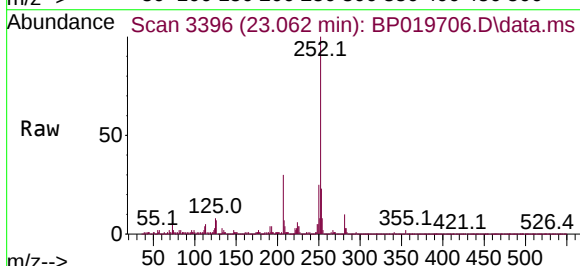
Tgt Ion:252 Resp: 306202

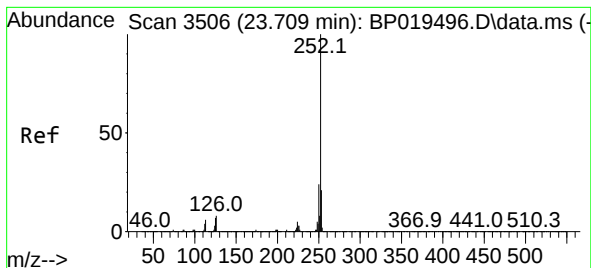
Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

125 7.6 5.0 7.6





#90

Benzo(a)pyrene

Concen: 7.183 ng

RT: 23.692 min Scan# 3503

Delta R.T. -0.018 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

Instrument :

BNA_P

ClientSampleId :

ETGI-362

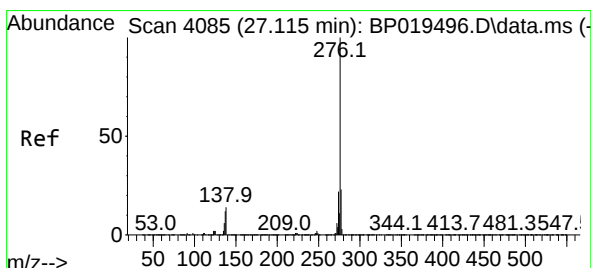
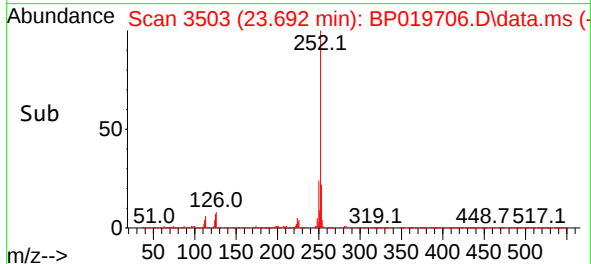
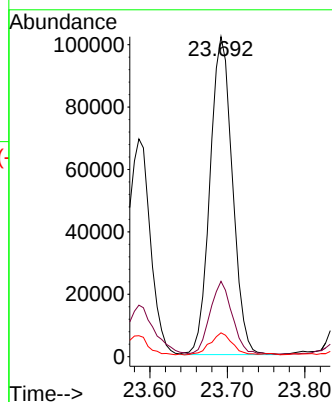
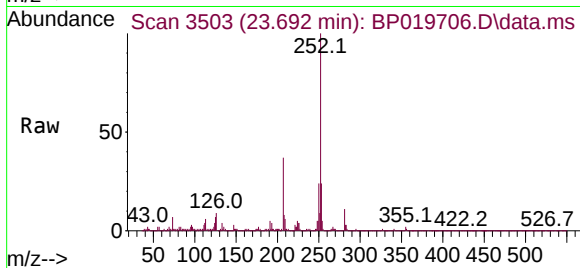
Tgt Ion:252 Resp: 205134

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

125 7.4 5.6 8.4



#92

Benzo(g,h,i)perylene

Concen: 4.045 ng

RT: 27.097 min Scan# 4082

Delta R.T. -0.018 min

Lab File: BP019706.D

Acq: 14 Feb 2024 17:47

Tgt Ion:276 Resp: 131591

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 13.1 10.9 16.3

