

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039080.D
 Acq On : 21 Mar 2023 22:07
 Operator : CG/JU
 Sample : 02019-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-352

Quant Time: Mar 22 03:45:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

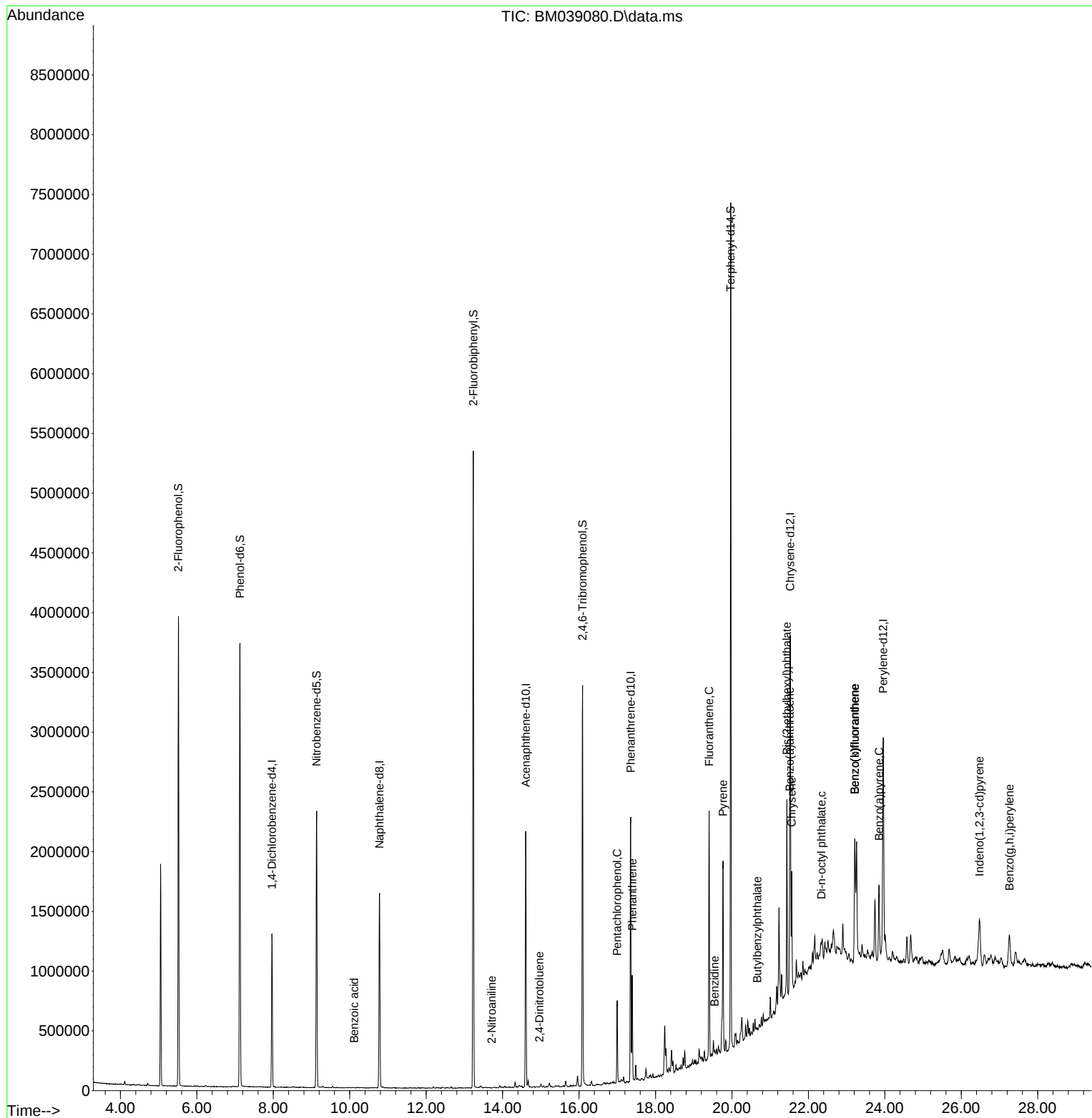
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	340113	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1342404	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	703074	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1297182	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1217618	20.000	ng	0.00
86) Perylene-d12	23.956	264	1366098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1700472	75.960	ng	0.00
7) Phenol-d6	7.128	99	2168393	74.573	ng	0.00
23) Nitrobenzene-d5	9.134	82	1307512	47.844	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	551357	67.789	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	2623231	48.571	ng	0.00
79) Terphenyl-d14	19.968	244	3156632	47.399	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.116	122	58	5.736	ng	# 1
48) 2-Nitroaniline	13.716	65	474	2.247	ng	# 34
57) 2,4-Dinitrotoluene	14.963	165	132	2.079	ng	# 21
70) Pentachlorophenol	16.998	266	110687	9.608	ng	98
71) Phenanthrene	17.392	178	512514	6.732	ng	100
75) Fluoranthene	19.403	202	1123577	13.978	ng	99
77) Benzidine	19.545	184	289	4.886	ng	# 1
78) Pyrene	19.768	202	948709	10.374	ng	99
80) Butylbenzylphthalate	20.662	149	7182	3.488	ng	# 82
81) Benzo(a)anthracene	21.509	228	470587	5.367	ng	98
83) Chrysene	21.562	228	554722	6.504	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	521478	11.280	ng	100
85) Di-n-octyl phthalate	22.344	149	56875	4.358	ng	# 77
87) Indeno(1,2,3-cd)pyrene	26.480	276	358803	3.452	ng	96
88) Benzo(b)fluoranthene	23.215	252	778110	8.916	ng	97
89) Benzo(k)fluoranthene	23.215	252	778110	8.567	ng	97
90) Benzo(a)pyrene	23.850	252	464538	5.530	ng	100
92) Benzo(g,h,i)perylene	27.262	276	347456	4.034	ng	97

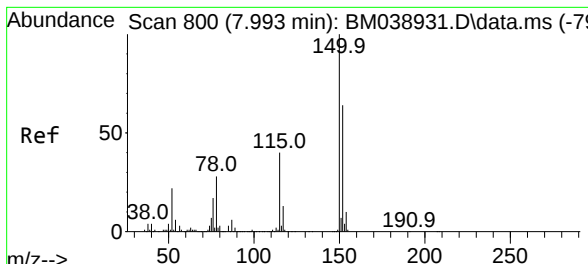
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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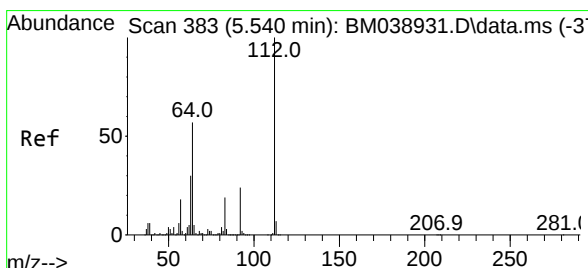
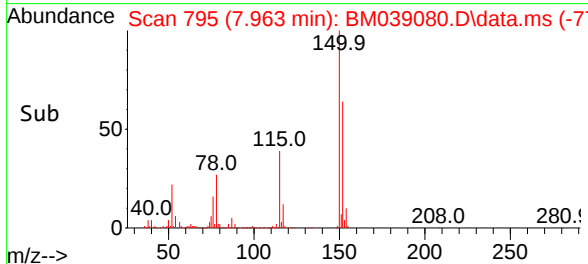
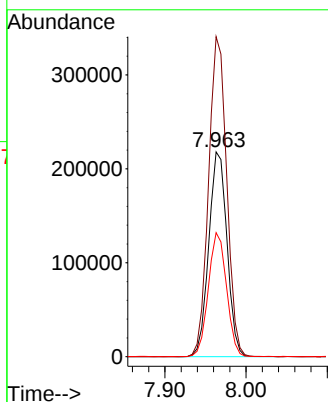
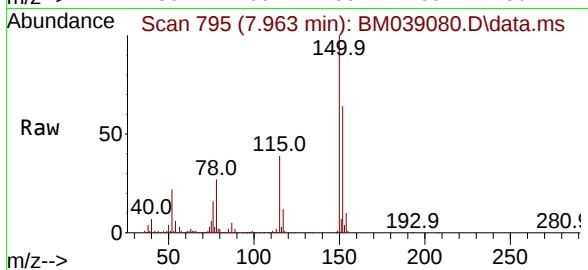




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.963 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BM039080.D
 Acq: 21 Mar 2023 22:07

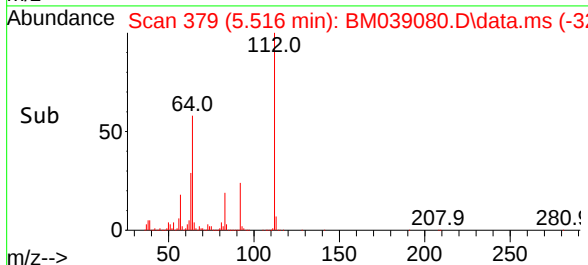
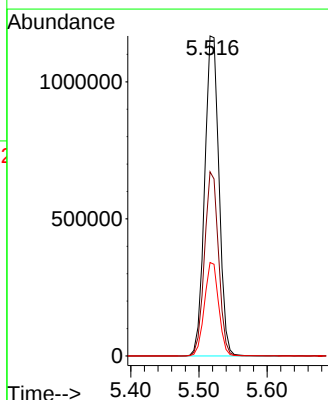
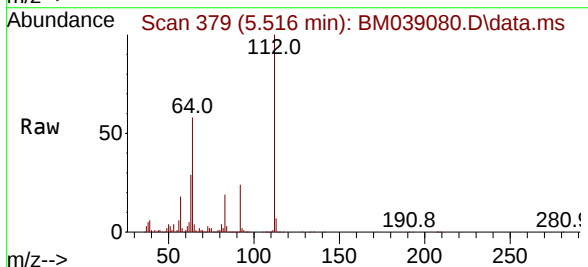
Instrument :
 BNA_M
 ClientSampleId :
 ETGI-352

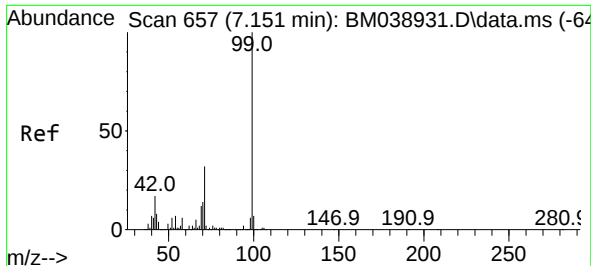
Tgt Ion:	152	Resp:	340113
Ion Ratio	Lower	Upper	
152	100		
150	156.3	125.1	187.7
115	60.6	49.6	74.4



#5
 2-Fluorophenol
 Concen: 75.960 ng
 RT: 5.516 min Scan# 379
 Delta R.T. -0.006 min
 Lab File: BM039080.D
 Acq: 21 Mar 2023 22:07

Tgt Ion:	112	Resp:	1700472
Ion Ratio	Lower	Upper	
112	100		
64	57.6	45.9	68.9
63	29.2	23.8	35.8

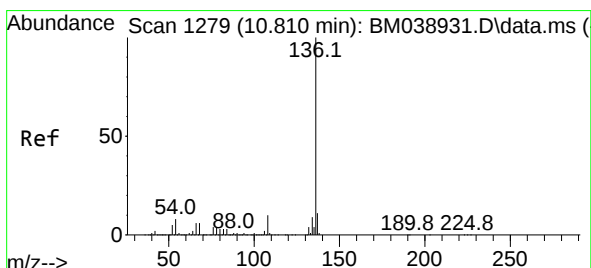
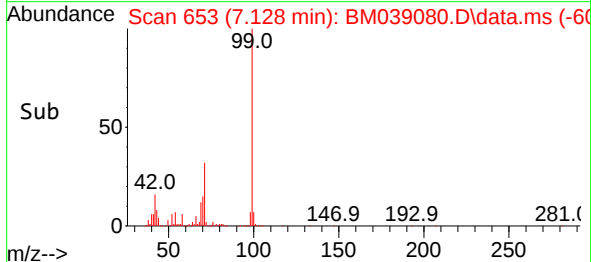
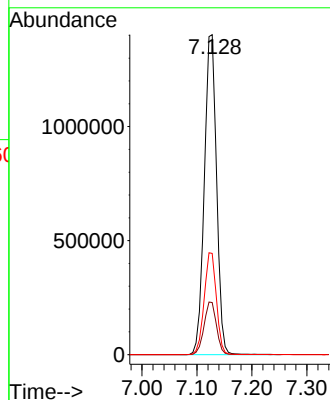
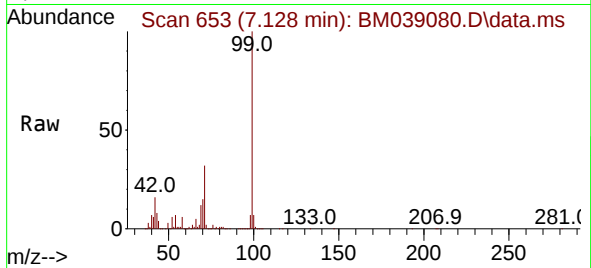




#7
Phenol-d6
Concen: 74.573 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

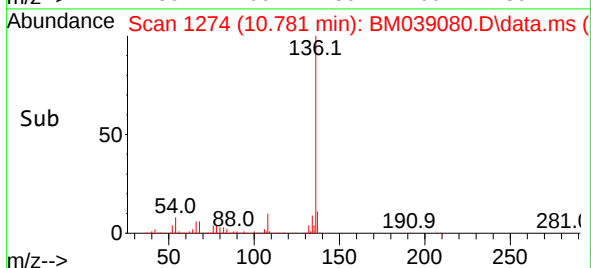
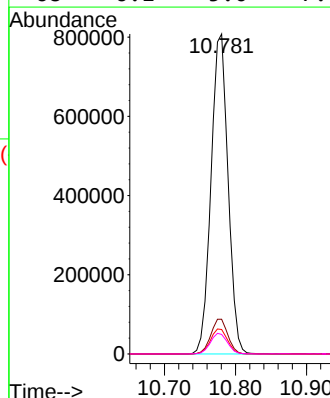
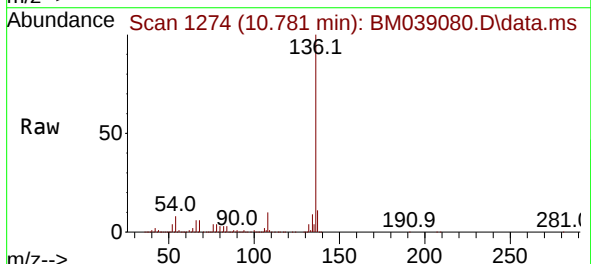
Instrument :
BNA_M
ClientSampleId :
ETGI-352

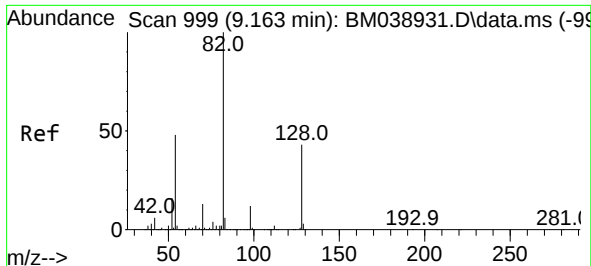
Tgt Ion: 99 Resp: 2168393
Ion Ratio Lower Upper
99 100
42 16.3 13.5 20.3
71 31.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

Tgt Ion: 136 Resp: 1342404
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.6 6.3 9.5
68 6.1 5.0 7.6

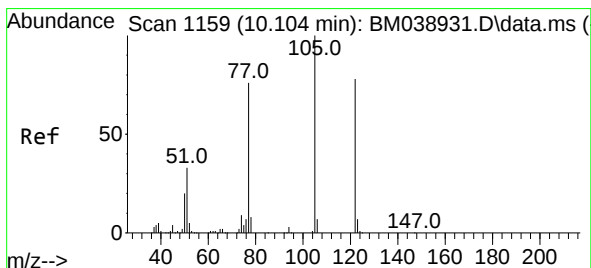
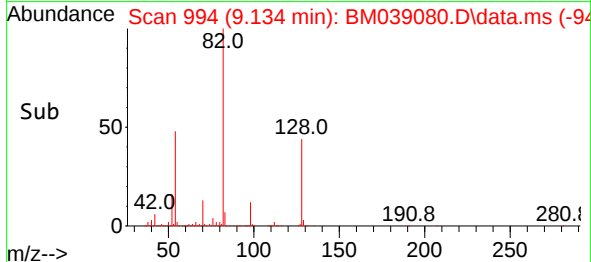
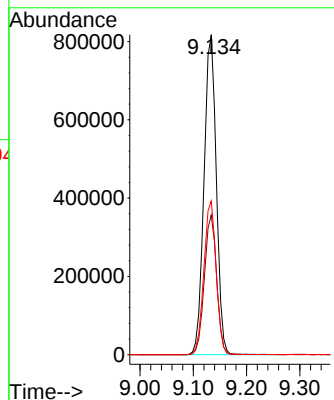
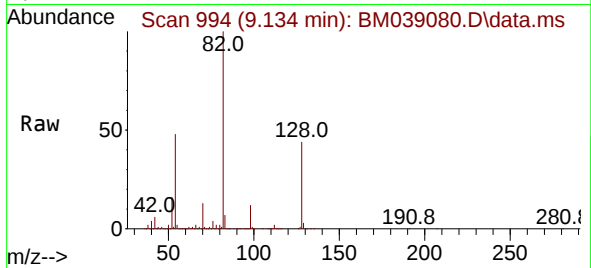




#23
Nitrobenzene-d5
Concen: 47.844 ng
RT: 9.134 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

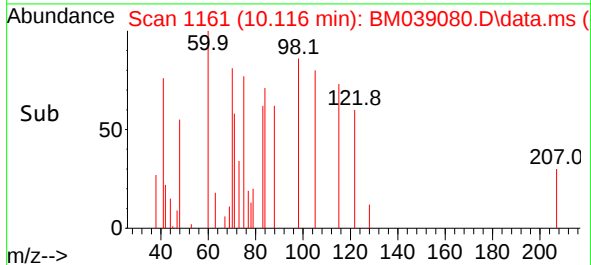
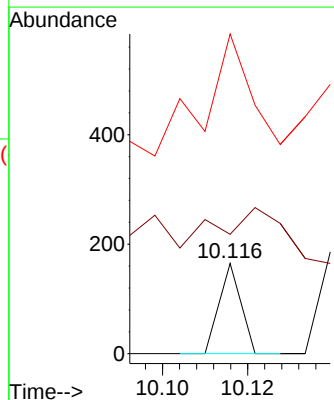
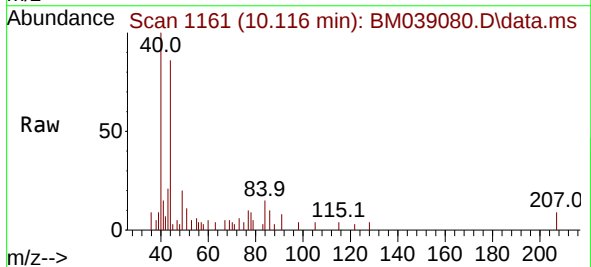
Instrument :
BNA_M
ClientSampleId :
ETGI-352

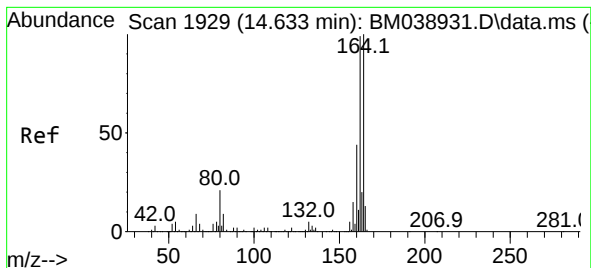
Tgt Ion: 82 Resp: 1307512
Ion Ratio Lower Upper
82 100
128 43.6 34.4 51.6
54 48.0 38.8 58.2



#32
Benzoic acid
Concen: 5.736 ng
RT: 10.116 min Scan# 1161
Delta R.T. 0.029 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 132.1 104.2 144.2
77 353.9 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BM039080.D

Acq: 21 Mar 2023 22:07

Instrument :

BNA_M

ClientSampleId :

ETGI-352

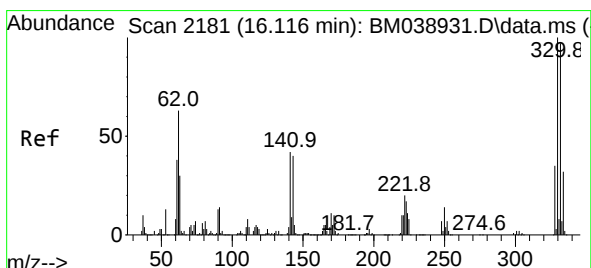
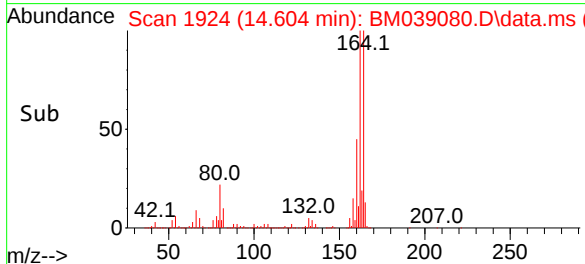
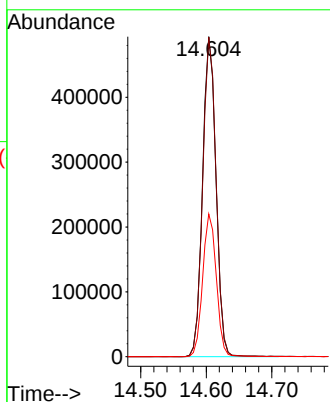
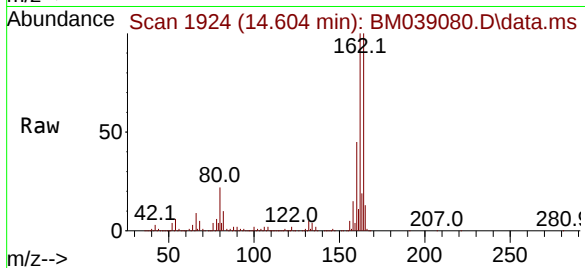
Tgt Ion:164 Resp: 703074

Ion Ratio Lower Upper

164 100

162 99.8 79.2 118.8

160 44.6 35.5 53.3



#42

2,4,6-Tribromophenol

Concen: 67.789 ng

RT: 16.092 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BM039080.D

Acq: 21 Mar 2023 22:07

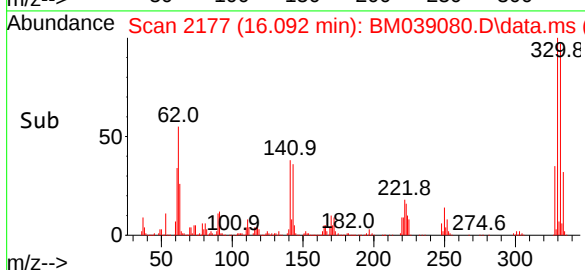
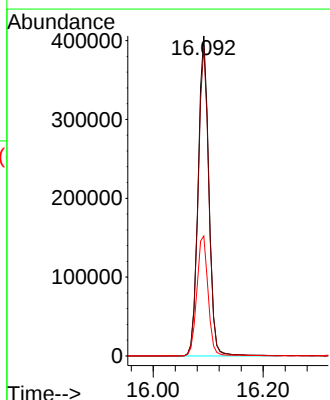
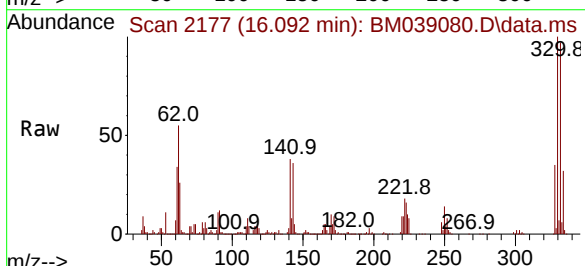
Tgt Ion:330 Resp: 551357

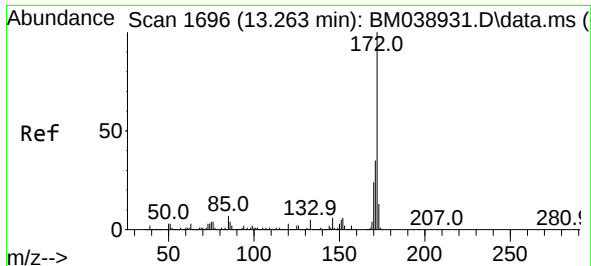
Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 39.1 32.2 48.4

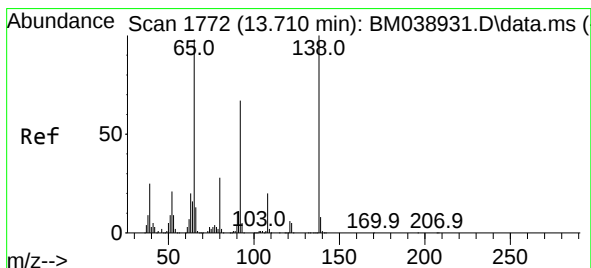
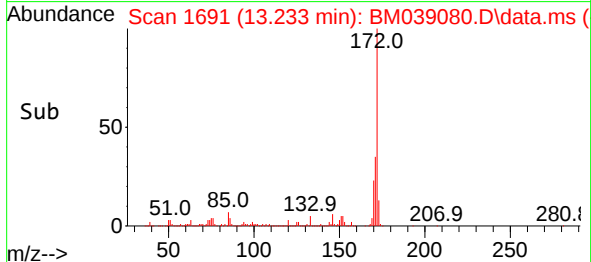
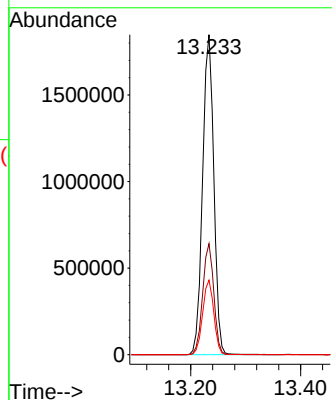
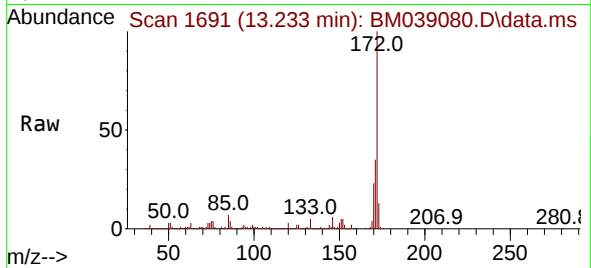




#45
2-Fluorobiphenyl
Concen: 48.571 ng
RT: 13.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

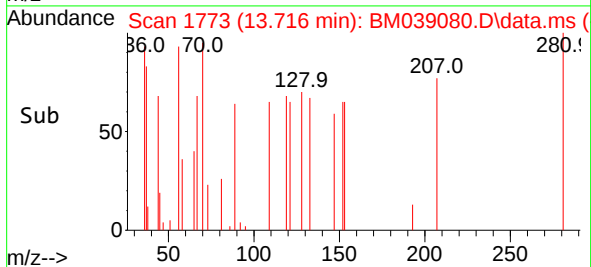
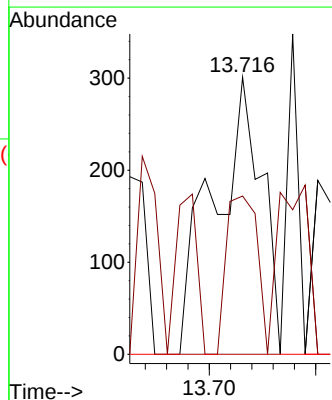
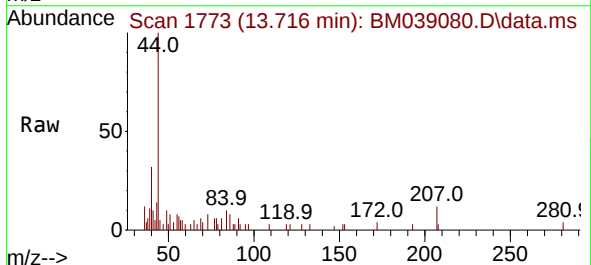
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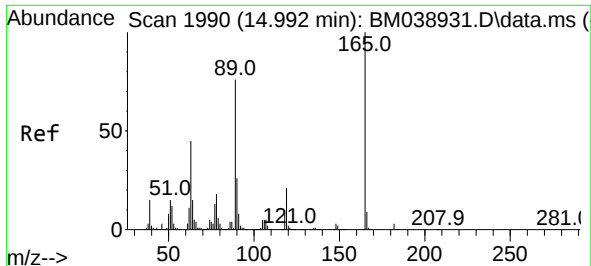
Tgt Ion:172 Resp: 2623231
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.3 19.1 28.7



#48
2-Nitroaniline
Concen: 2.247 ng
RT: 13.716 min Scan# 1773
Delta R.T. 0.024 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

Tgt Ion: 65 Resp: 474
Ion Ratio Lower Upper
65 100
92 57.1 54.9 82.3
138 0.0 81.6 122.4#

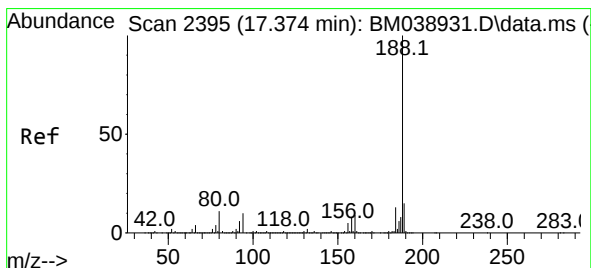
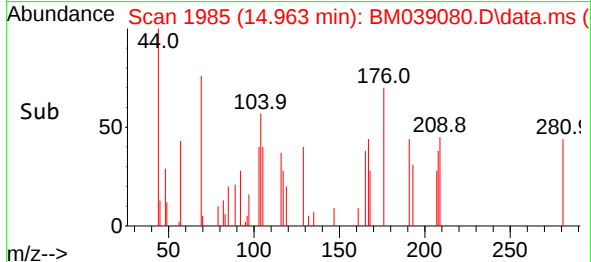
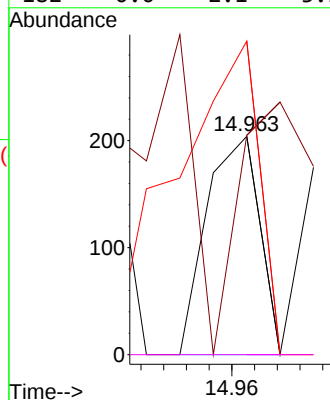
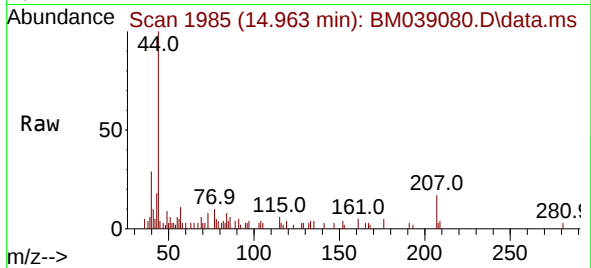




#57
2,4-Dinitrotoluene
Concen: 2.079 ng
RT: 14.963 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

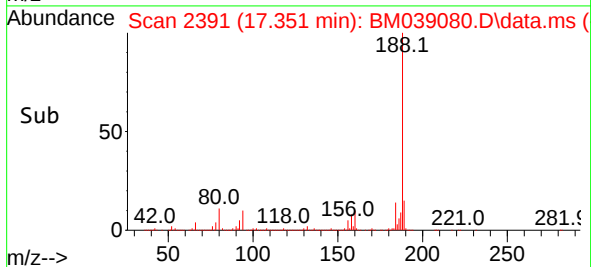
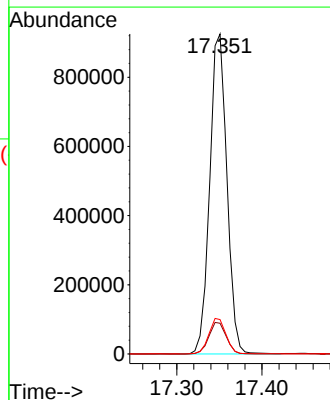
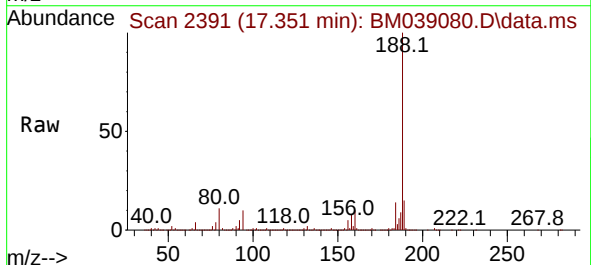
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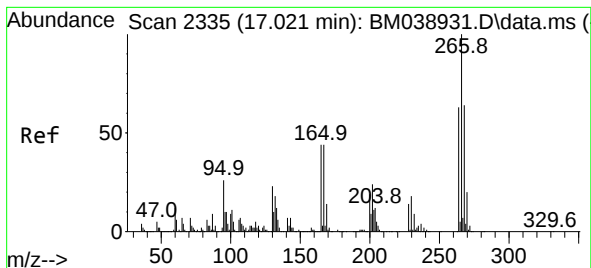
Tgt Ion:165 Resp: 132
Ion Ratio Lower Upper
165 100
63 100.5 35.9 53.9#
89 143.6 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

Tgt Ion:188 Resp: 1297182
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.8 8.5 12.7





#70

Pentachlorophenol

Concen: 9.608 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039080.D

Acq: 21 Mar 2023 22:07

Instrument :

BNA_M

ClientSampleId :

ETGI-352

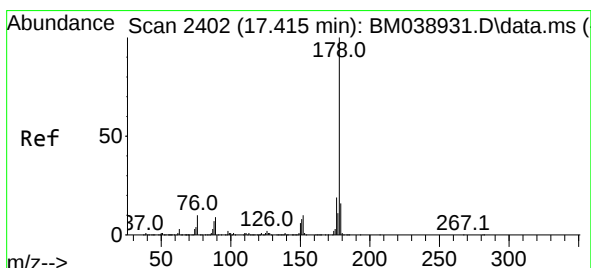
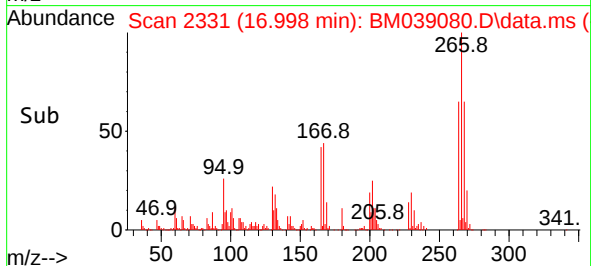
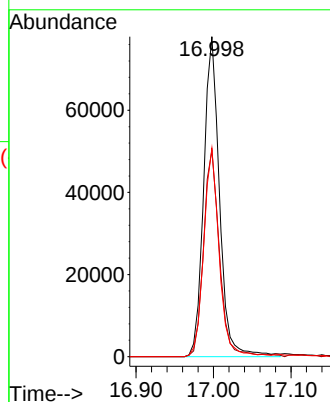
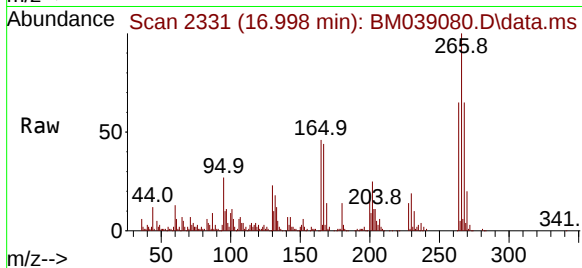
Tgt Ion:266 Resp: 110687

Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.4

264 65.1 50.3 75.5



#71

Phenanthrene

Concen: 6.732 ng

RT: 17.392 min Scan# 2398

Delta R.T. 0.000 min

Lab File: BM039080.D

Acq: 21 Mar 2023 22:07

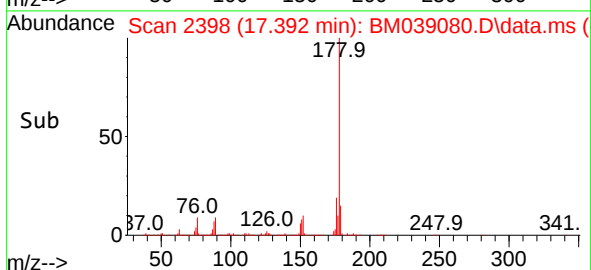
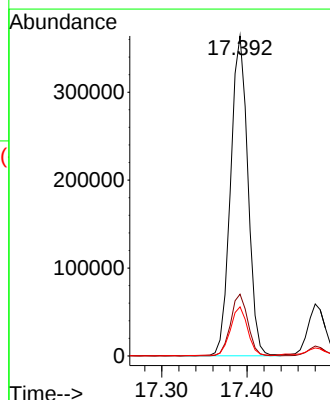
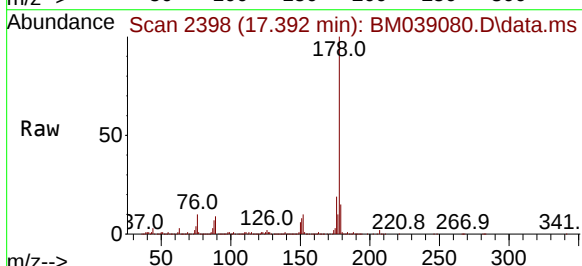
Tgt Ion:178 Resp: 512514

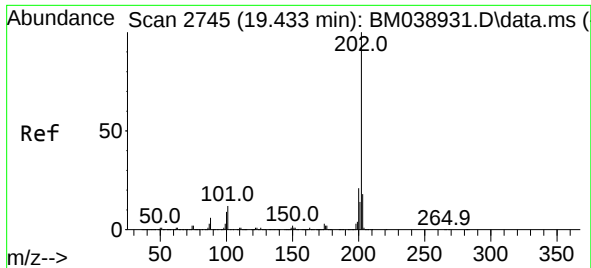
Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.4 12.5 18.7

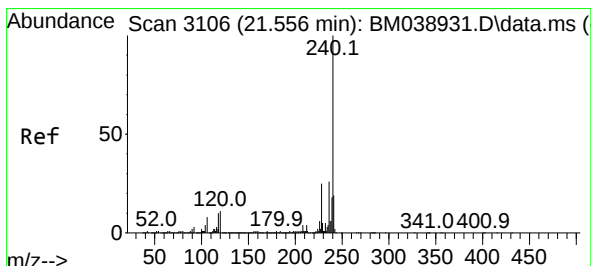
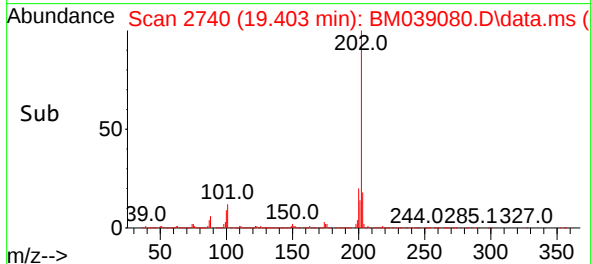
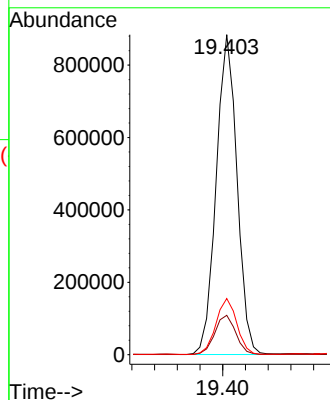
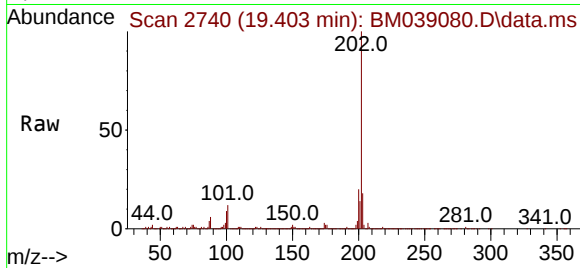




#75
Fluoranthene
Concen: 13.978 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

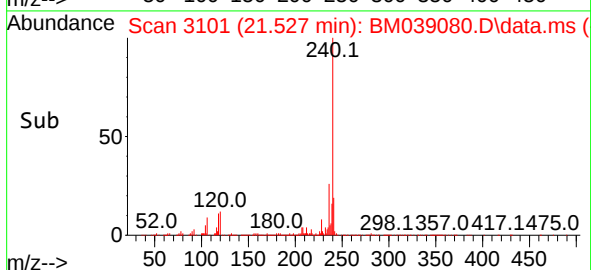
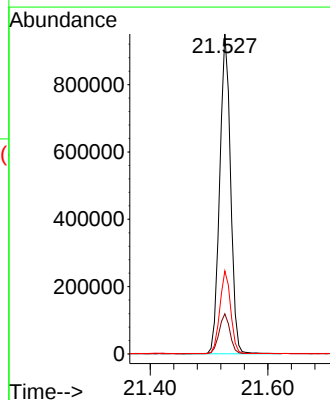
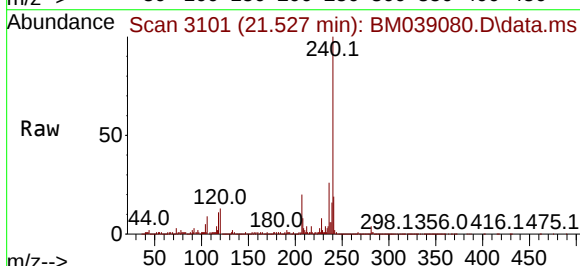
Instrument :
BNA_M
ClientSampleId :
ETGI-352

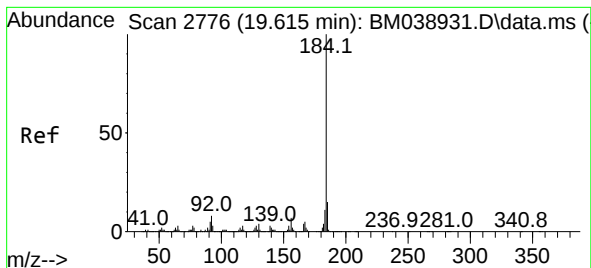
Tgt Ion:202 Resp: 1123577
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.7
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

Tgt Ion:240 Resp: 1217618
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.9 20.8 31.2





#77

Benzidine

Concen: 4.886 ng

RT: 19.545 min Scan# 21

Delta R.T. -0.047 min

Lab File: BM039080.D

Acq: 21 Mar 2023 22:07

Instrument :

BNA_M

ClientSampleId :

ETGI-352

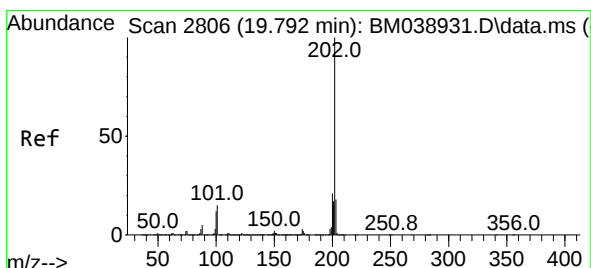
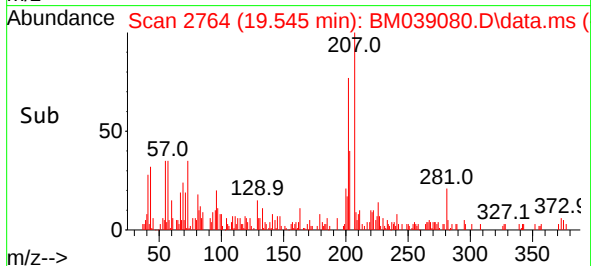
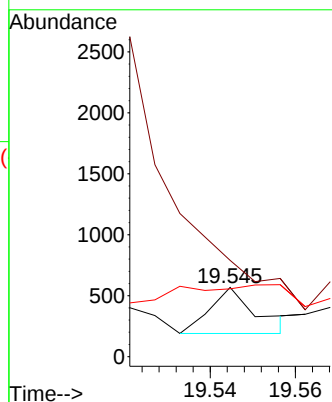
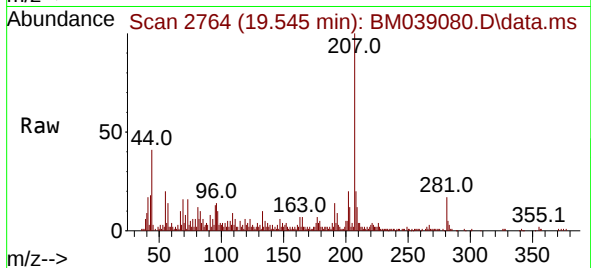
Tgt Ion:184 Resp: 289

Ion Ratio Lower Upper

184 100

185 139.1 12.2 18.4#

183 98.1 8.8 13.2#



#78

Pyrene

Concen: 10.374 ng

RT: 19.768 min Scan# 2802

Delta R.T. 0.000 min

Lab File: BM039080.D

Acq: 21 Mar 2023 22:07

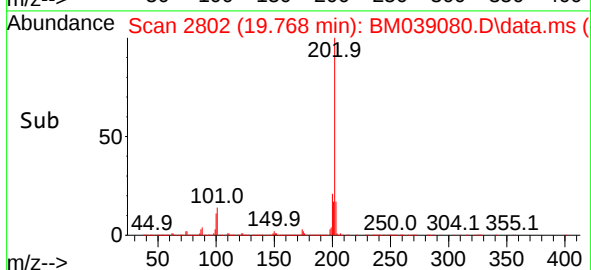
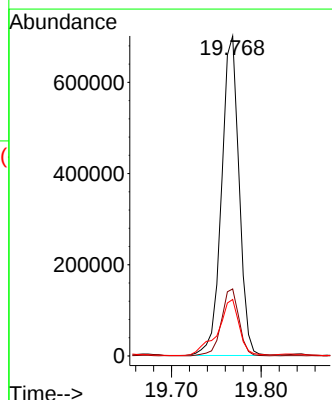
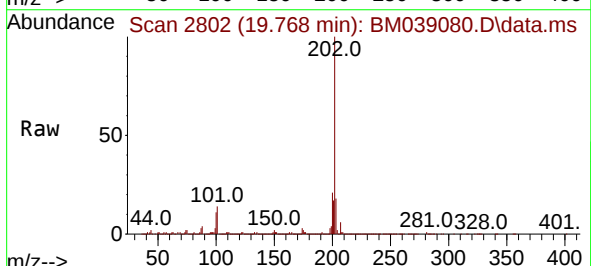
Tgt Ion:202 Resp: 948709

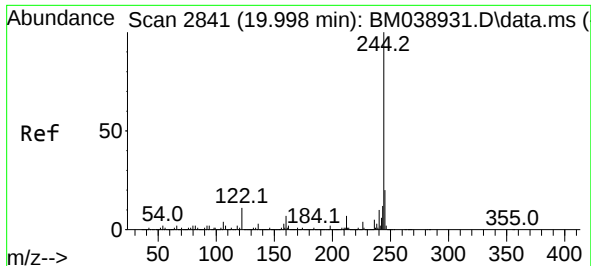
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.6 14.1 21.1

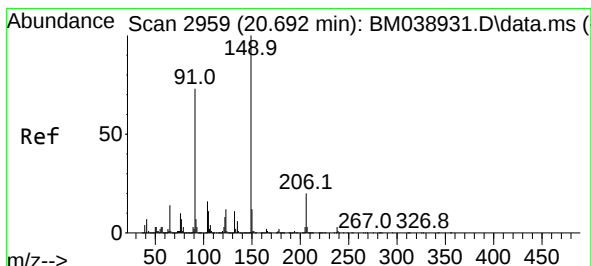
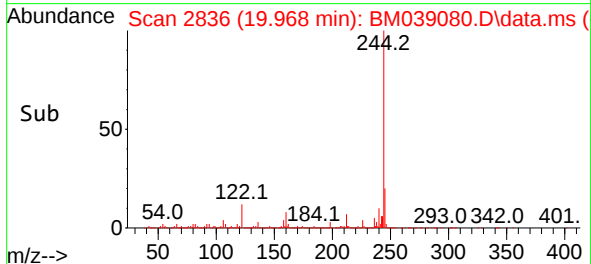
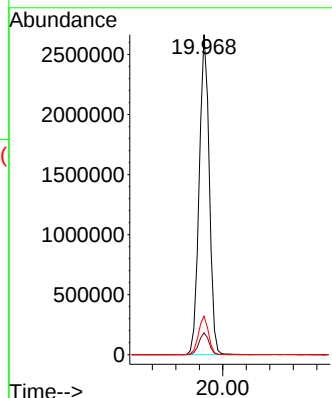
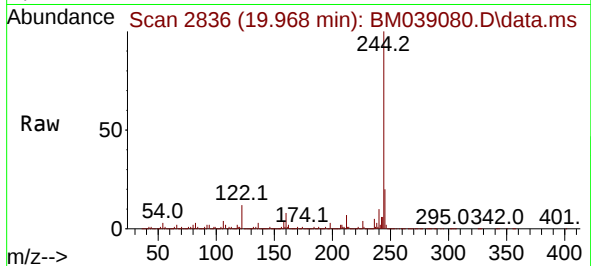




#79
 Terphenyl-d14
 Concen: 47.399 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039080.D
 Acq: 21 Mar 2023 22:07

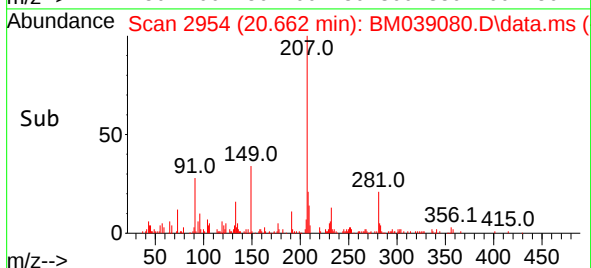
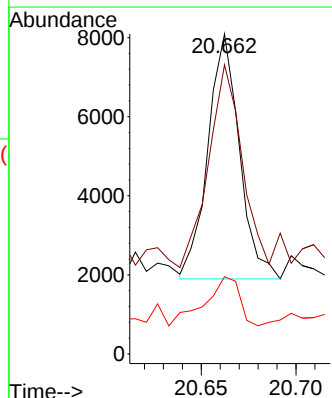
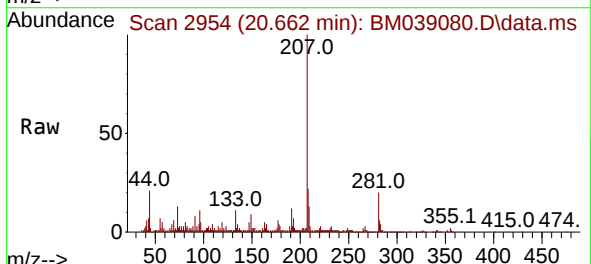
Instrument :
 BNA_M
 ClientSampleId :
 ETGI-352

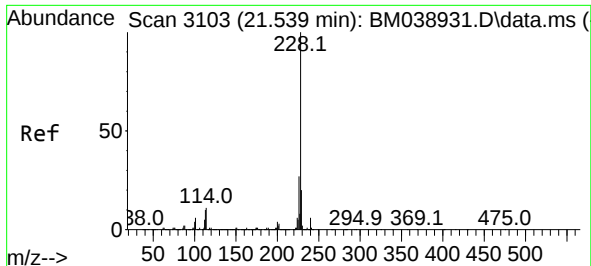
Tgt Ion:244 Resp: 3156632
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 12.0 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.488 ng
 RT: 20.662 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: BM039080.D
 Acq: 21 Mar 2023 22:07

Tgt Ion:149 Resp: 7182
 Ion Ratio Lower Upper
 149 100
 91 90.4 58.4 87.6#
 206 24.2 16.1 24.1#

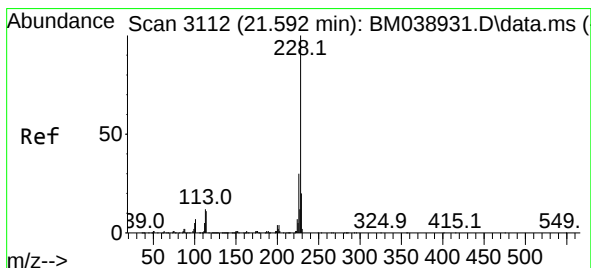
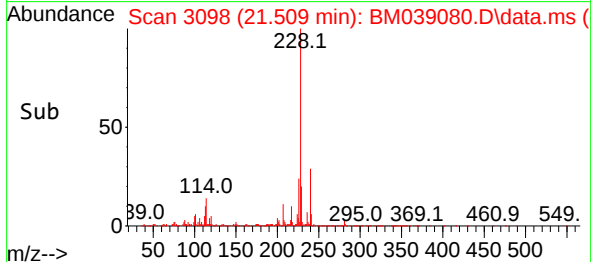
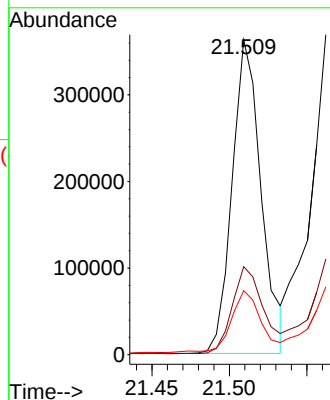
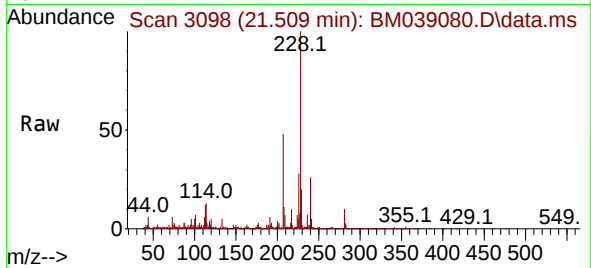




#81
Benzo(a)anthracene
Concen: 5.367 ng
RT: 21.509 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

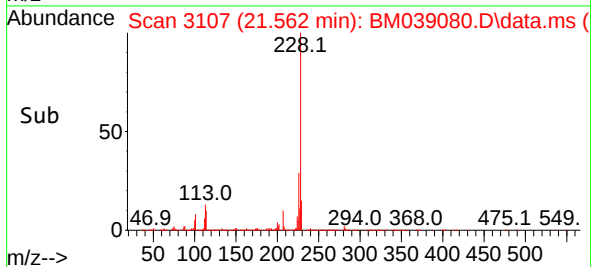
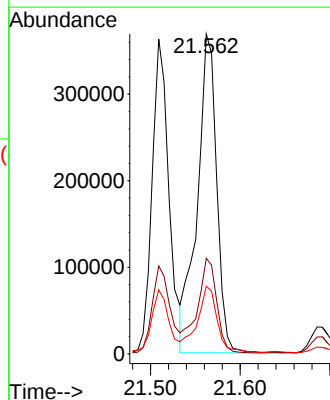
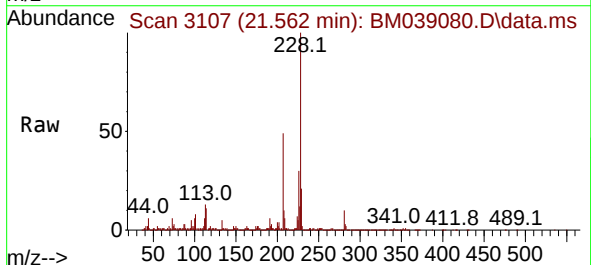
Instrument :
BNA_M
ClientSampleId :
ETGI-352

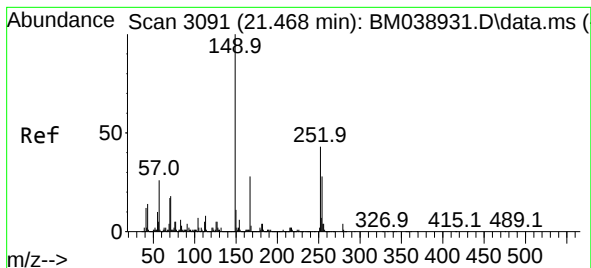
Tgt Ion:228 Resp: 470587
Ion Ratio Lower Upper
228 100
226 27.9 21.4 32.2
229 20.3 15.7 23.5



#83
Chrysene
Concen: 6.504 ng
RT: 21.562 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

Tgt Ion:228 Resp: 554722
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 21.2 16.0 24.0

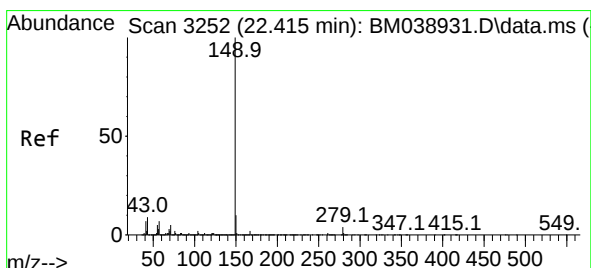
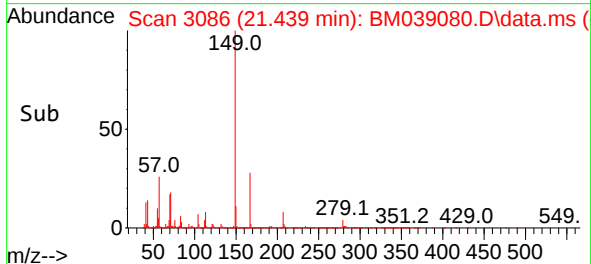
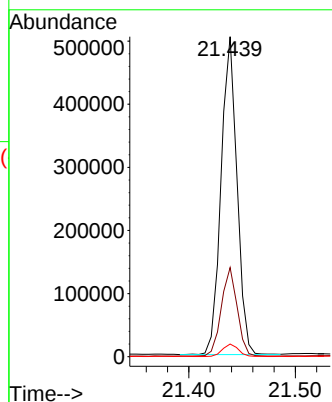
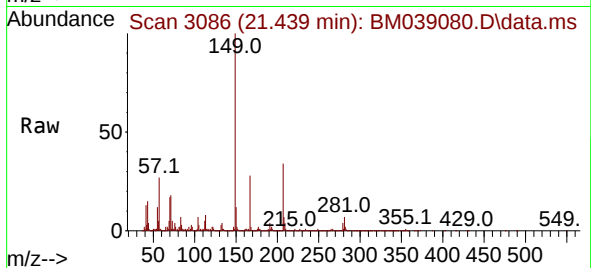




#84
Bis(2-ethylhexyl)phthalate
Concen: 11.280 ng
RT: 21.439 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

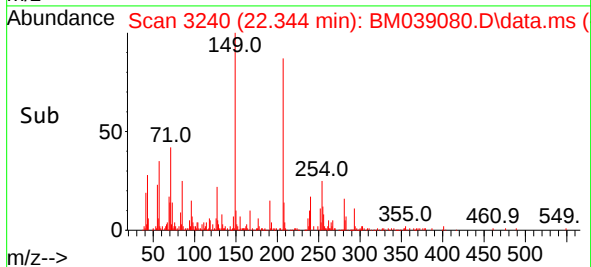
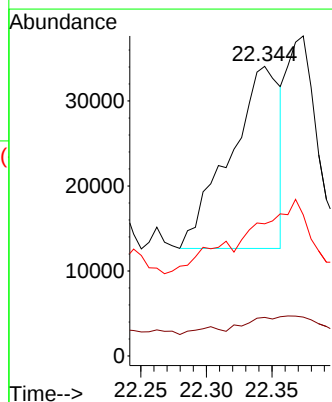
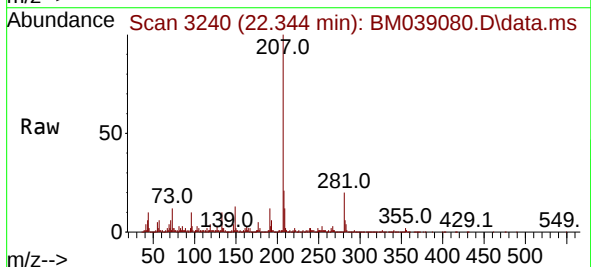
Instrument :
BNA_M
ClientSampleId :
ETGI-352

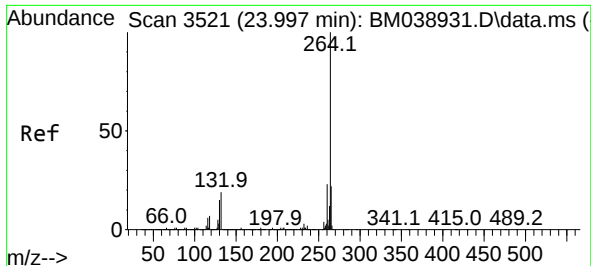
Tgt Ion:149 Resp: 521478
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 3.9 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 4.358 ng
RT: 22.344 min Scan# 3240
Delta R.T. -0.029 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

Tgt Ion:149 Resp: 56875
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 7.4 11.2#

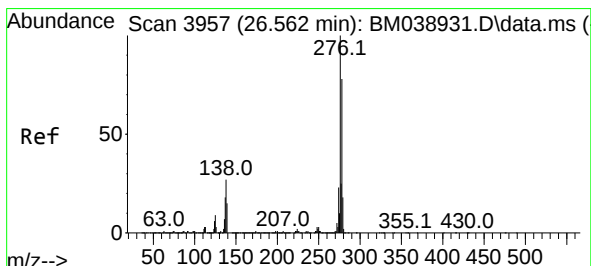
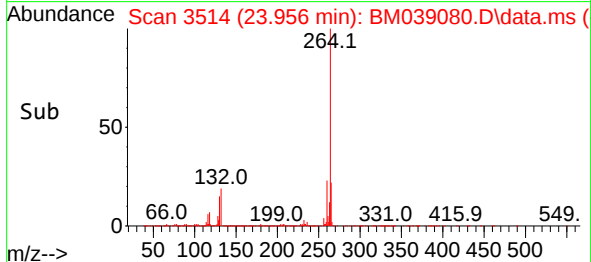
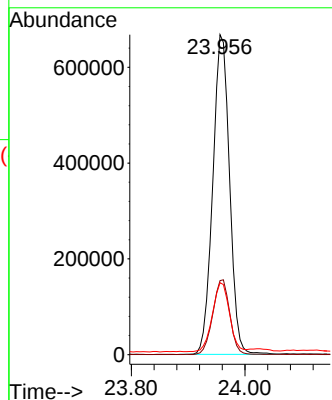
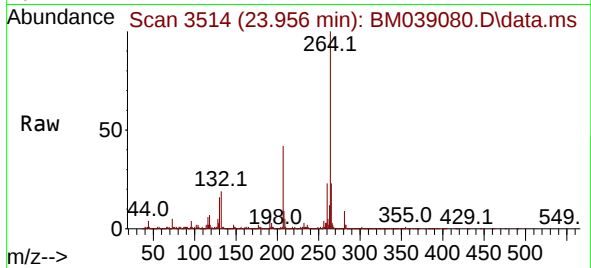




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.956 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

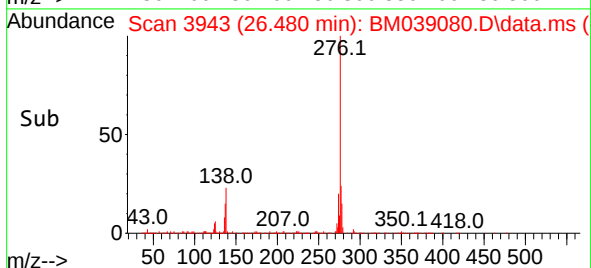
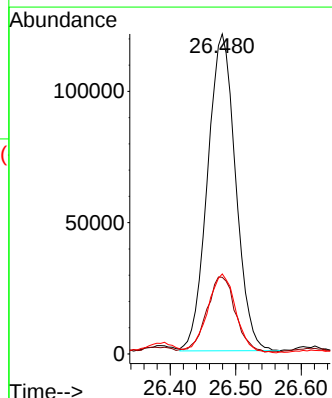
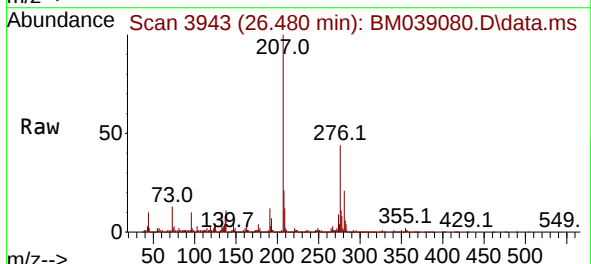
Instrument :
BNA_M
ClientSampleId :
ETGI-352

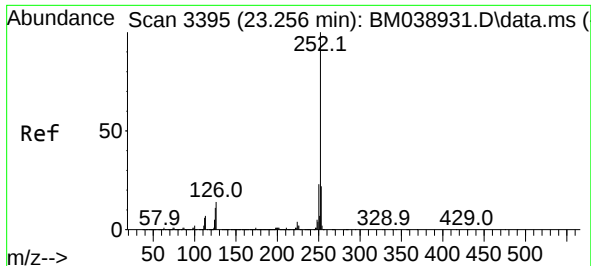
Tgt Ion:264 Resp: 1366098
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 22.5 17.9 26.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.452 ng
RT: 26.480 min Scan# 3943
Delta R.T. -0.018 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

Tgt Ion:276 Resp: 358803
Ion Ratio Lower Upper
276 100
138 23.9 22.1 33.1
277 25.0 20.1 30.1

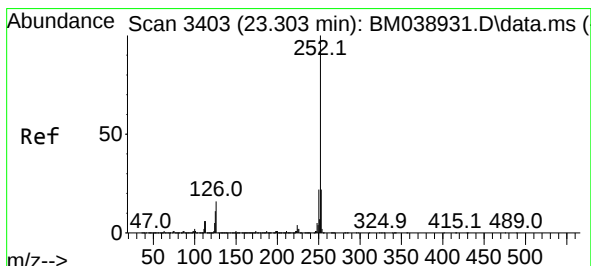
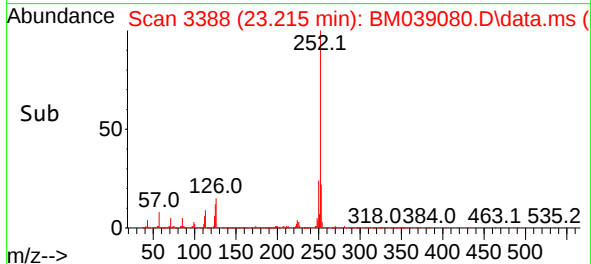
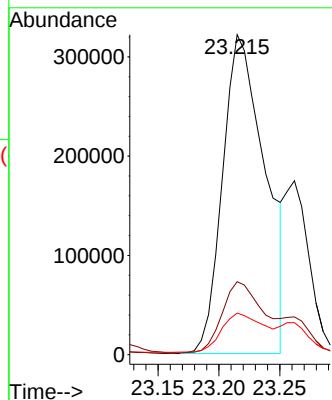
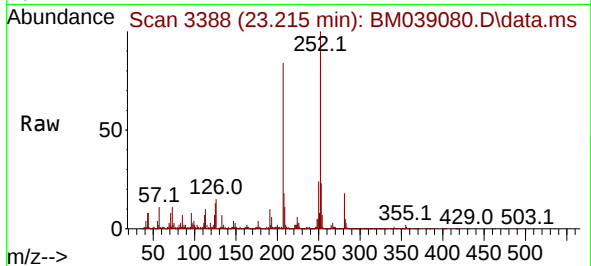




#88
Benzo(b)fluoranthene
Concen: 8.916 ng
RT: 23.215 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

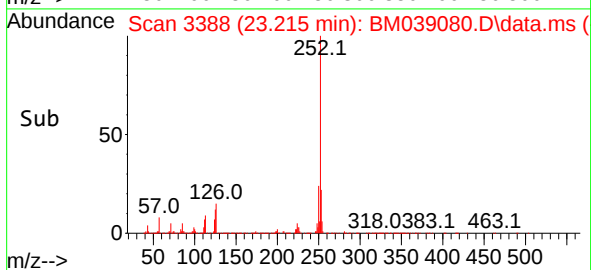
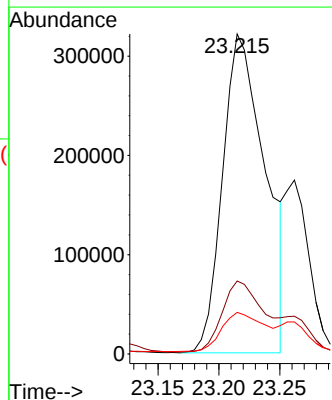
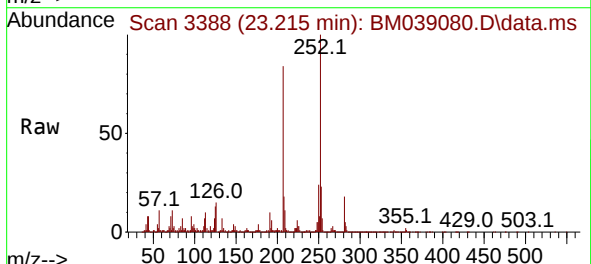
Instrument :
BNA_M
ClientSampleId :
ETGI-352

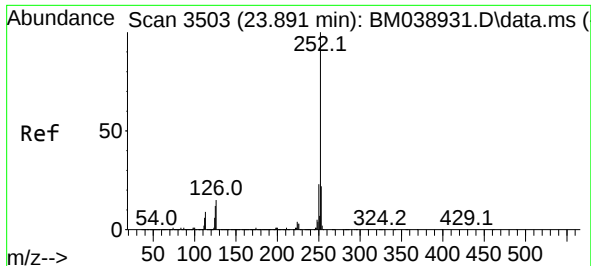
Tgt Ion:252 Resp: 778110
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 13.0 8.8 13.2



#89
Benzo(k)fluoranthene
Concen: 8.567 ng
RT: 23.215 min Scan# 3388
Delta R.T. -0.053 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

Tgt Ion:252 Resp: 778110
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 13.0 8.9 13.3

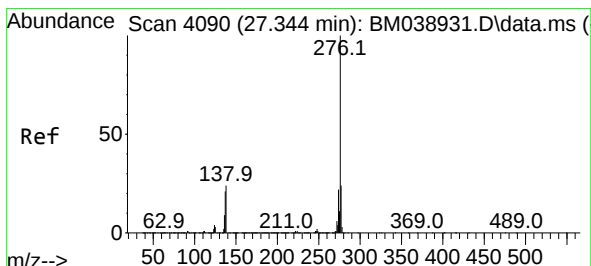
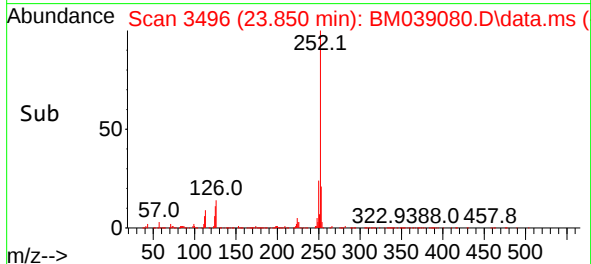
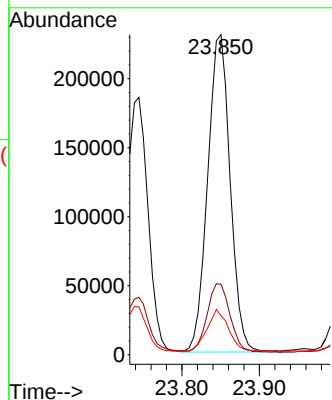
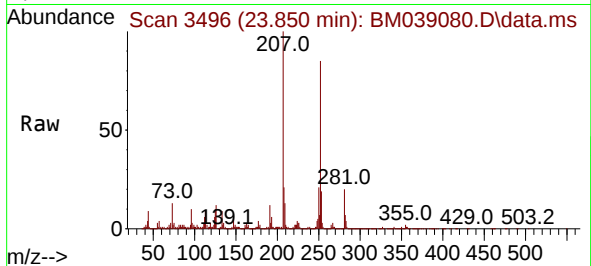




#90
Benzo(a)pyrene
Concen: 5.530 ng
RT: 23.850 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

Instrument :
BNA_M
ClientSampleId :
ETGI-352

Tgt Ion:252 Resp: 464538
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.1 9.8 14.8



#92
Benzo(g,h,i)perylene
Concen: 4.034 ng
RT: 27.262 min Scan# 4076
Delta R.T. -0.012 min
Lab File: BM039080.D
Acq: 21 Mar 2023 22:07

Tgt Ion:276 Resp: 347456
Ion Ratio Lower Upper
276 100
277 23.2 19.3 28.9
138 25.8 19.0 28.6

