

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054864.D
 Acq On : 6 Sep 2022 23:30
 Operator : CG/JU
 Sample : N4495-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-345

Quant Time: Sep 07 05:02:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

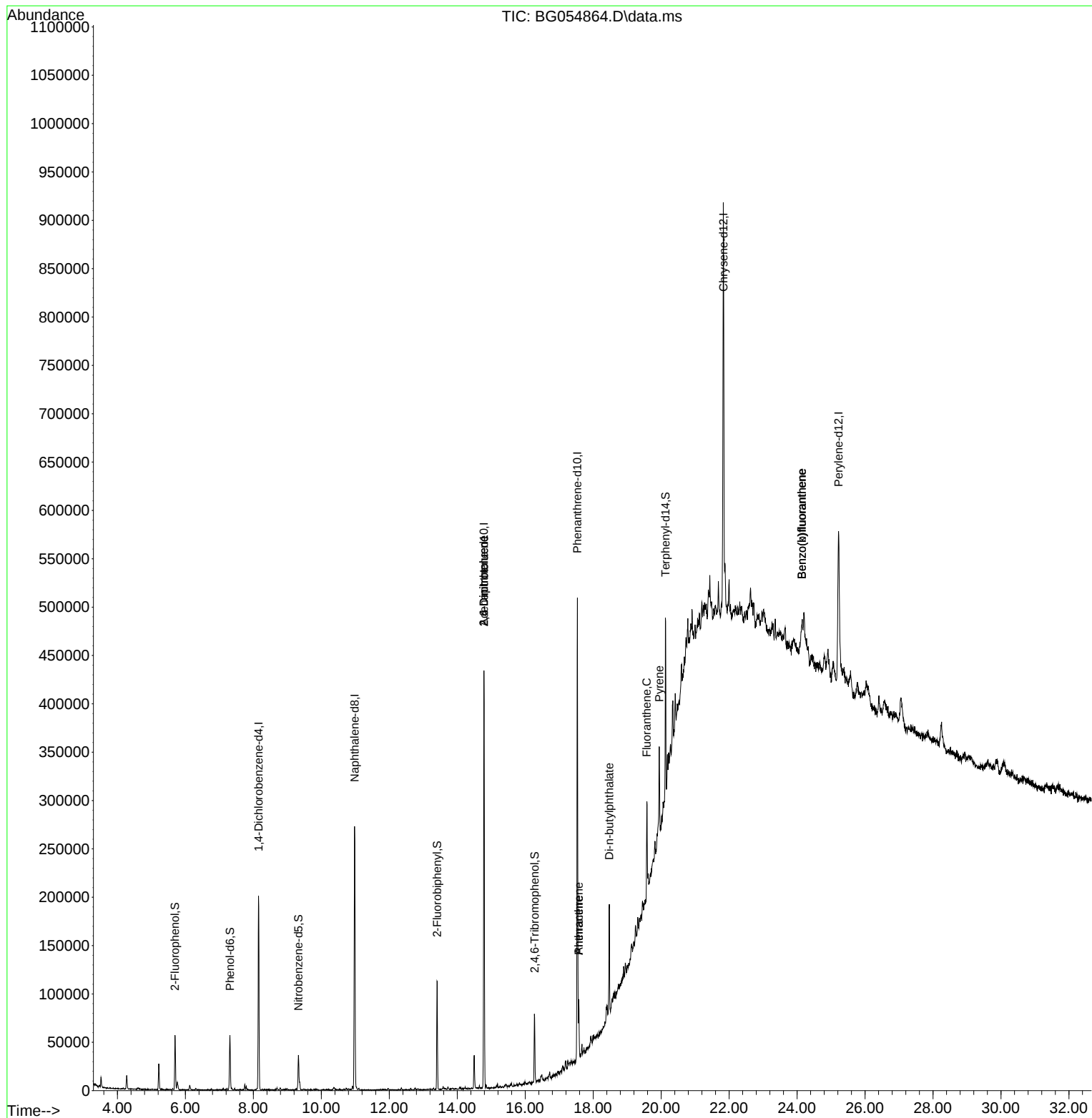
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	62758	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	248868	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	155691	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	310920	20.000	ng	0.00
76) Chrysene-d12	21.831	240	279139	20.000	ng	0.00
86) Perylene-d12	25.221	264	211708	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	29103	8.075	ng	0.01
7) Phenol-d6	7.312	99	39493	8.013	ng	0.02
23) Nitrobenzene-d5	9.328	82	23218	4.898	ng	0.00
42) 2,4,6-Tribromophenol	16.278	330	15838	8.141	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	61864	5.972	ng	0.00
79) Terphenyl-d14	20.133	244	86723	6.156	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.786	165	20927	8.530	ng	# 21
57) 2,4-Dinitrotoluene	14.786	165	20927	6.167	ng	# 19
71) Phenanthrene	17.577	178	37537	2.266	ng	97
72) Anthracene	17.577	178	37537	2.331	ng	96
74) Di-n-butylphthalate	18.476	149	84746	4.514	ng	97
75) Fluoranthene	19.580	202	64449	3.199	ng	99
78) Pyrene	19.945	202	57676	2.963	ng	97
88) Benzo(b)fluoranthene	24.146	252	38169	2.874	ng	# 56
89) Benzo(k)fluoranthene	24.146	252	38169	2.856	ng	# 56

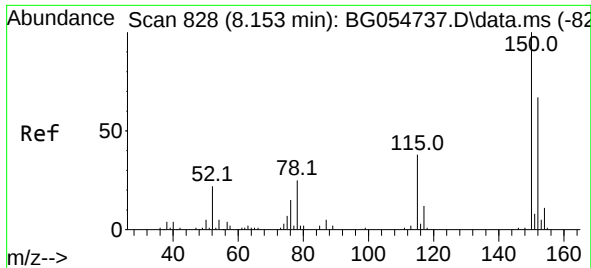
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
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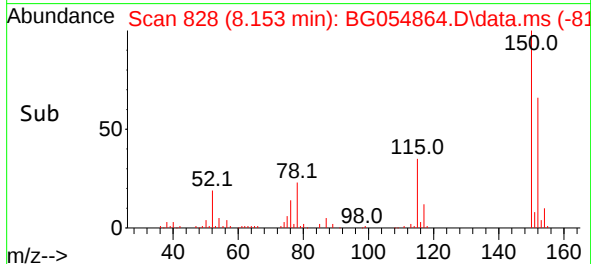
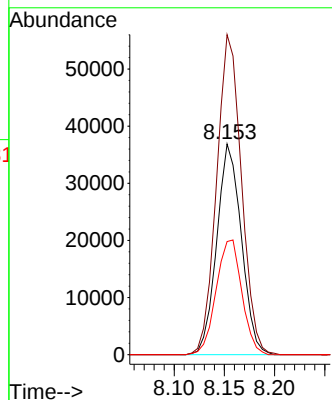
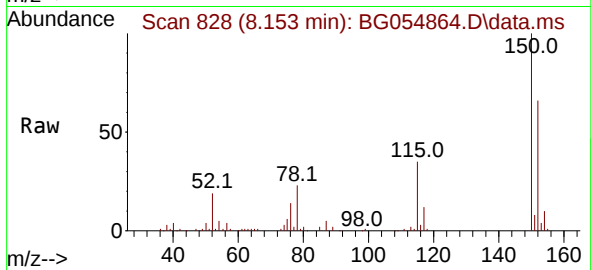




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

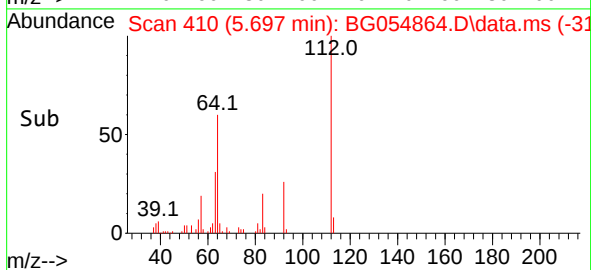
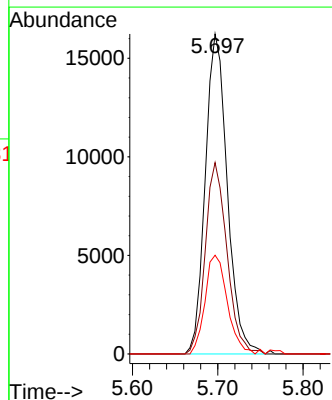
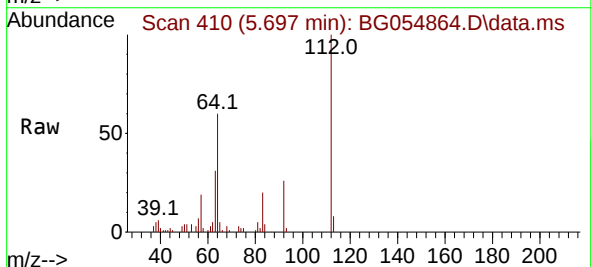
Instrument :
BNA_G
ClientSampleId :
ETGI-345

Tgt Ion:152 Resp: 62758
Ion Ratio Lower Upper
152 100
150 151.9 125.2 187.8
115 53.7 47.9 71.9



#5
2-Fluorophenol
Concen: 8.075 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.011 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

Tgt Ion:112 Resp: 29103
Ion Ratio Lower Upper
112 100
64 59.8 49.3 73.9
63 30.9 26.3 39.5

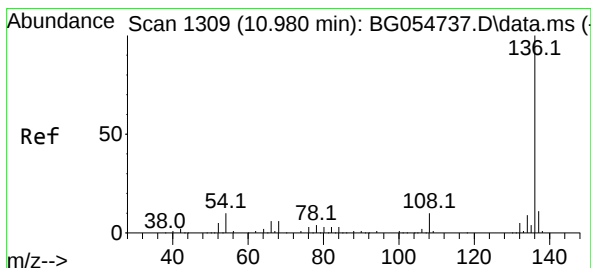
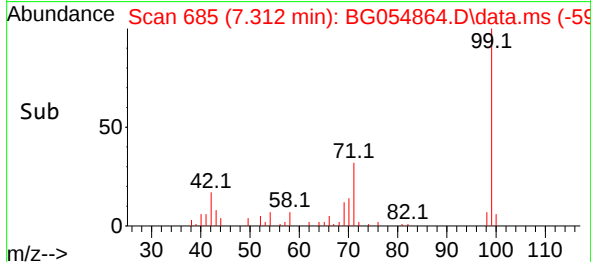
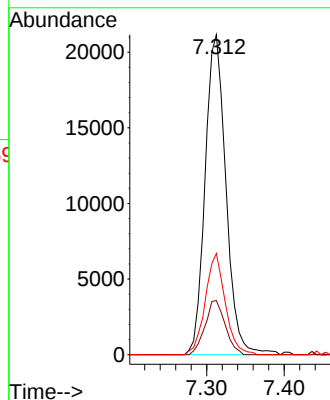
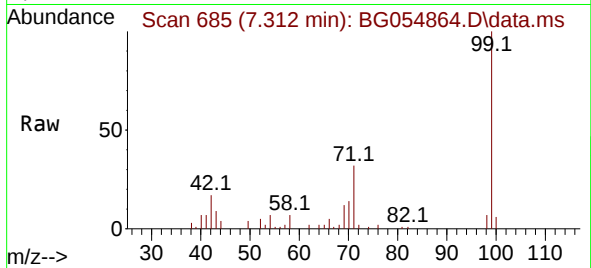




#7
Phenol-d6
Concen: 8.013 ng
RT: 7.312 min Scan# 61
Delta R.T. 0.017 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

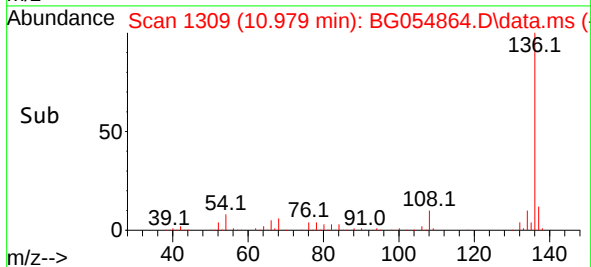
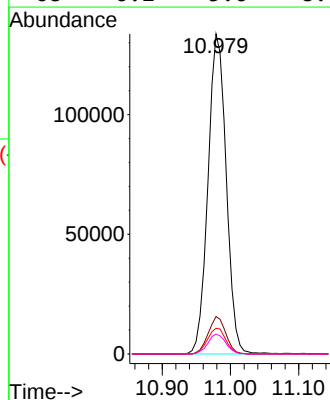
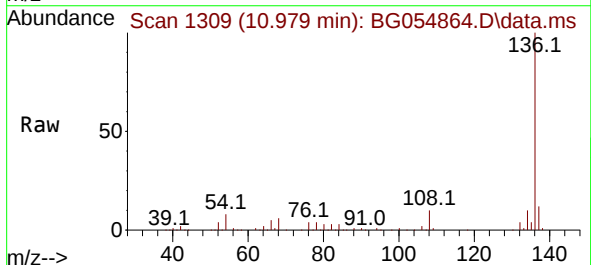
Instrument :
BNA_G
ClientSampleId :
ETGI-345

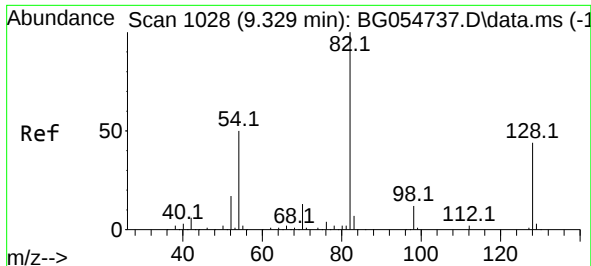
Tgt Ion: 99 Resp: 39493
Ion Ratio Lower Upper
99 100
42 16.9 14.6 22.0
71 31.7 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

Tgt Ion: 136 Resp: 248868
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 8.0 7.7 11.5
68 6.2 5.6 8.4

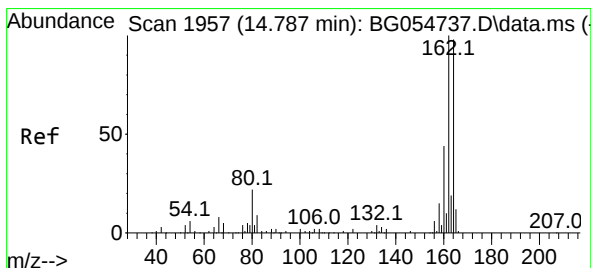
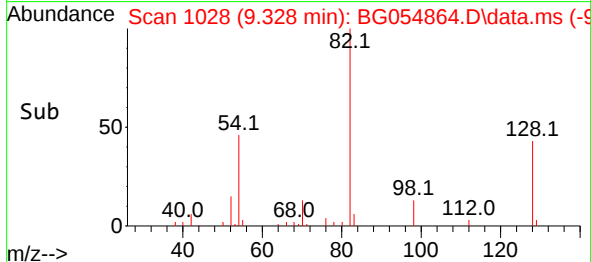
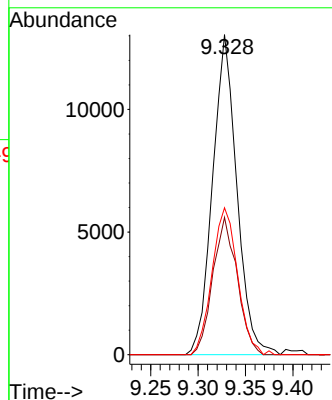
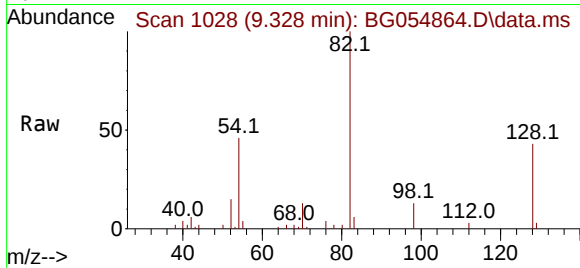




#23
Nitrobenzene-d5
Concen: 4.898 ng
RT: 9.328 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

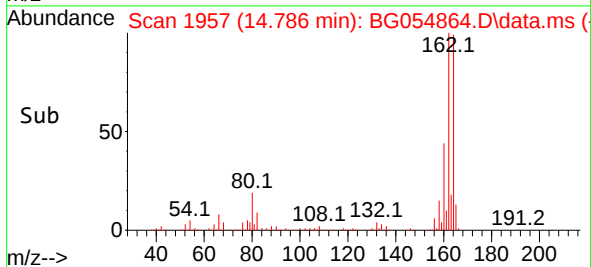
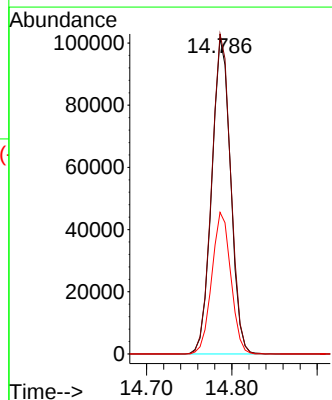
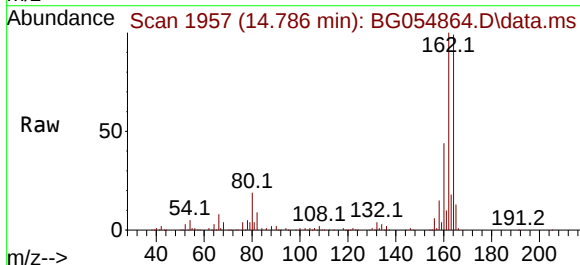
Instrument :
BNA_G
ClientSampleId :
ETGI-345

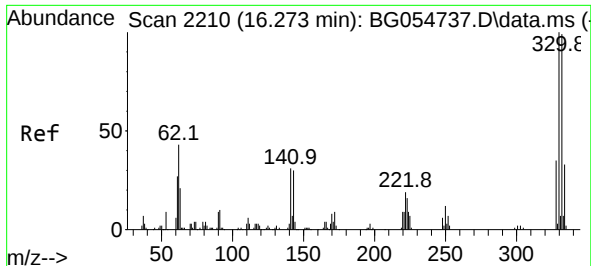
Tgt Ion: 82 Resp: 23218
Ion Ratio Lower Upper
82 100
128 42.9 32.2 48.2
54 45.9 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

Tgt Ion: 164 Resp: 155691
Ion Ratio Lower Upper
164 100
162 101.2 83.0 124.4
160 44.8 38.0 57.0

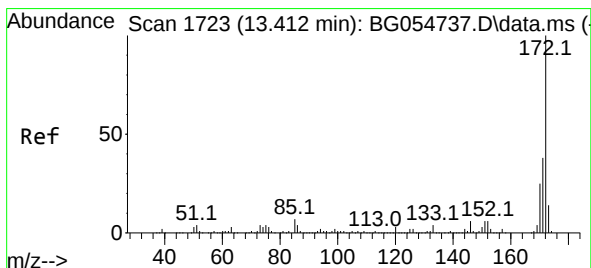
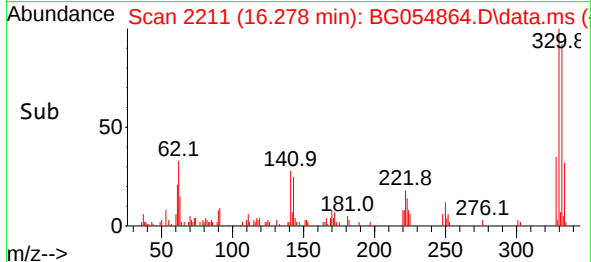
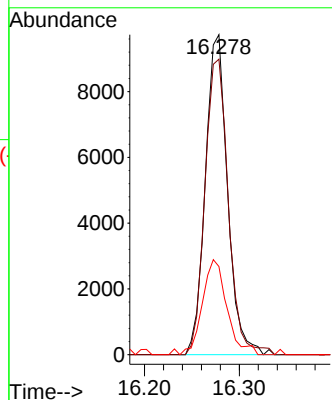
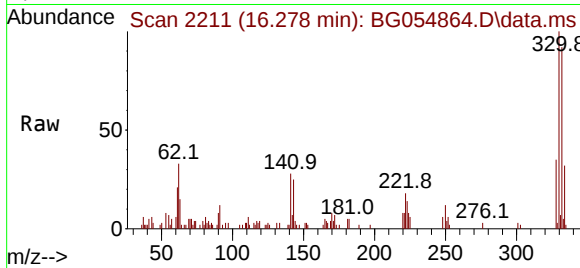




#42
2,4,6-Tribromophenol
Concen: 8.141 ng
RT: 16.278 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

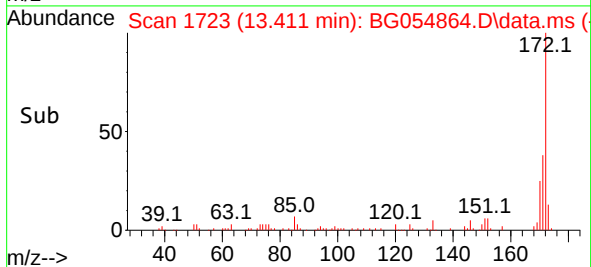
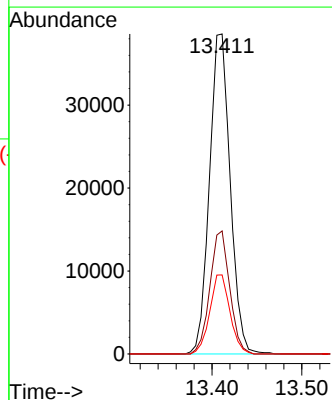
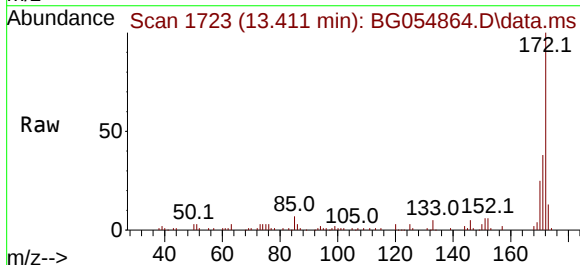
Instrument :
BNA_G
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ETGI-345

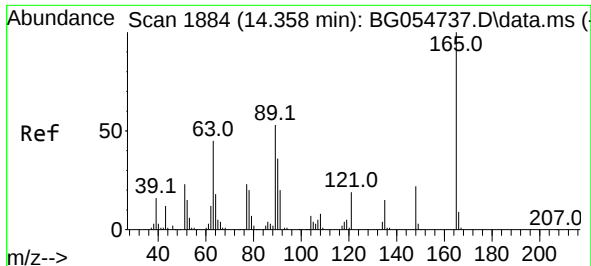
Tgt Ion:330 Resp: 15838
Ion Ratio Lower Upper
330 100
332 97.0 79.8 119.6
141 32.9 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 5.972 ng
RT: 13.411 min Scan# 1723
Delta R.T. -0.001 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

Tgt Ion:172 Resp: 61864
Ion Ratio Lower Upper
172 100
171 38.4 31.2 46.8
170 24.7 20.6 30.8

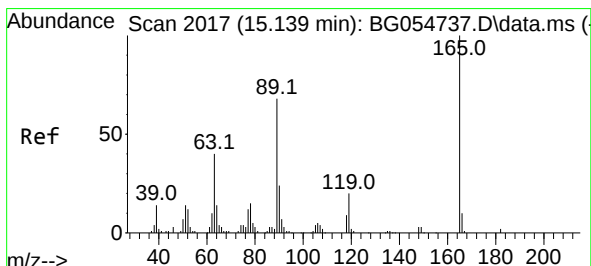
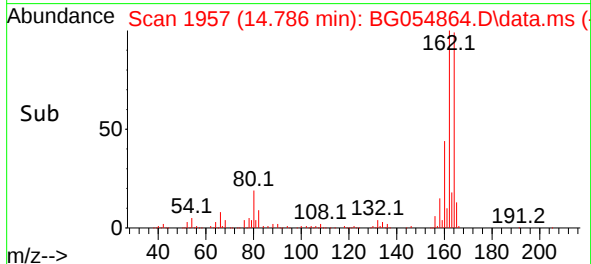
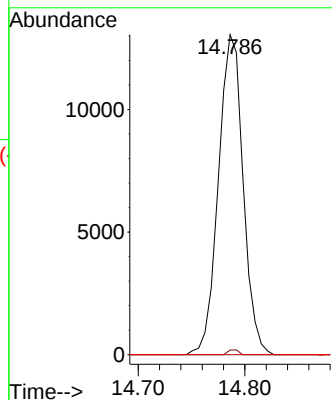
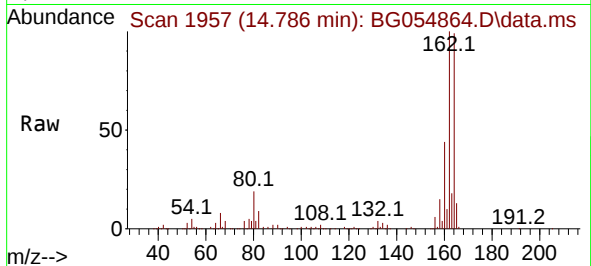




#51
2,6-Dinitrotoluene
Concen: 8.530 ng
RT: 14.786 min Scan# 1957
Delta R.T. 0.428 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

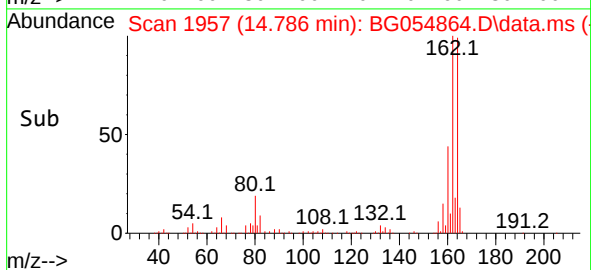
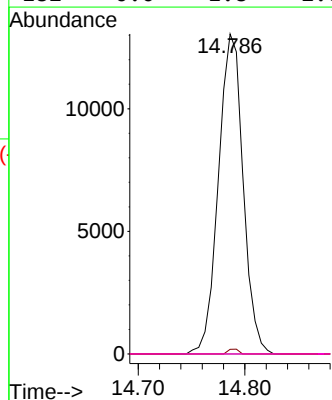
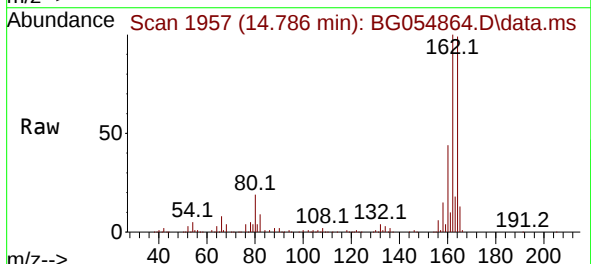
Instrument :
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ClientSampleId :
ETGI-345

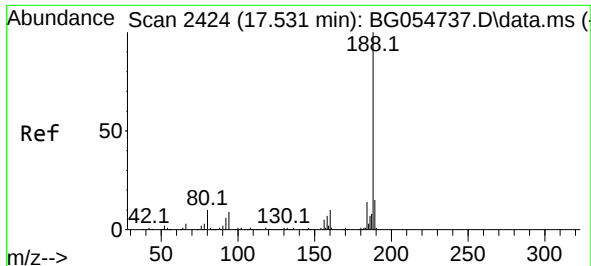
Tgt Ion:165 Resp: 20927
Ion Ratio Lower Upper
165 100
63 1.5 46.0 69.0#
89 0.0 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 6.167 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.353 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

Tgt Ion:165 Resp: 20927
Ion Ratio Lower Upper
165 100
63 1.5 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#

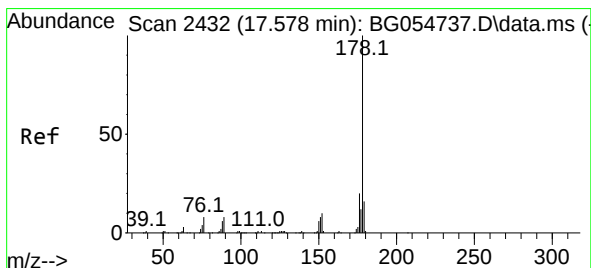
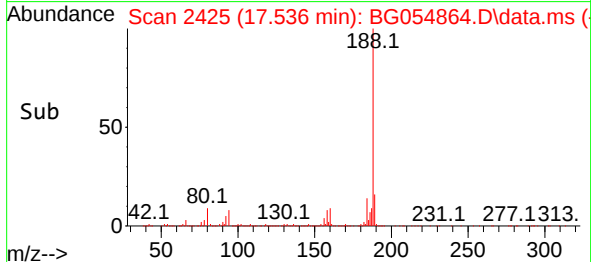
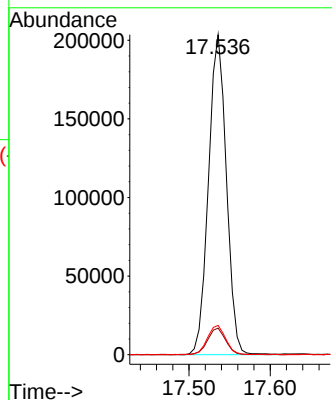
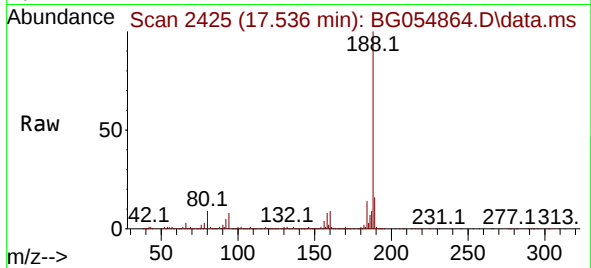




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.536 min Scan# 2424
Delta R.T. 0.005 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

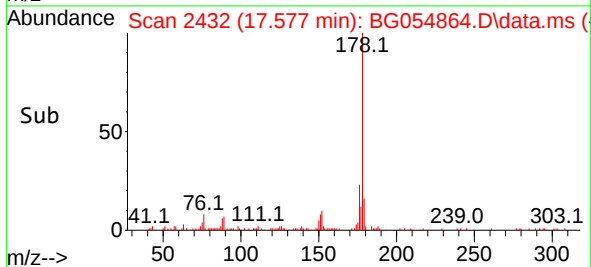
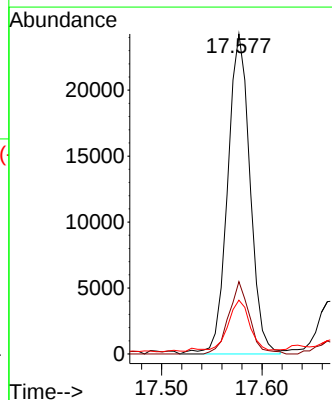
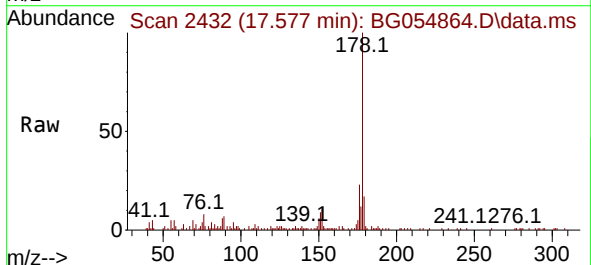
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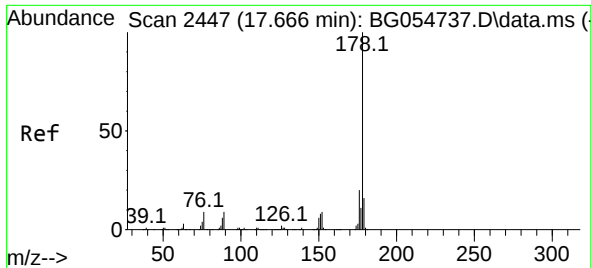
Tgt Ion:188 Resp: 310920
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.2 7.9 11.9



#71
Phenanthrene
Concen: 2.266 ng
RT: 17.577 min Scan# 2432
Delta R.T. -0.001 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

Tgt Ion:178 Resp: 37537
Ion Ratio Lower Upper
178 100
176 22.6 16.6 25.0
179 16.8 12.8 19.2

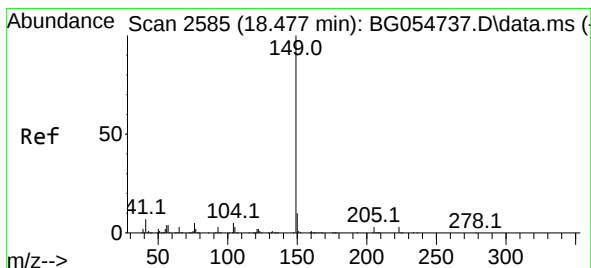
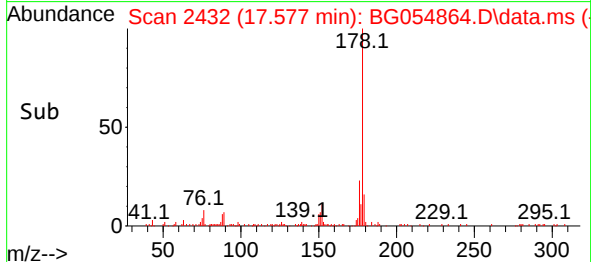
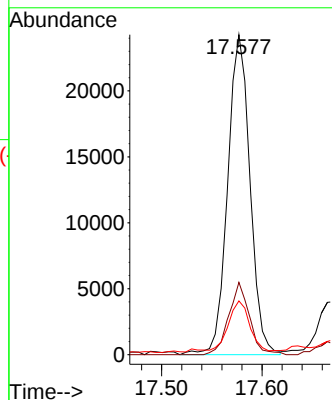
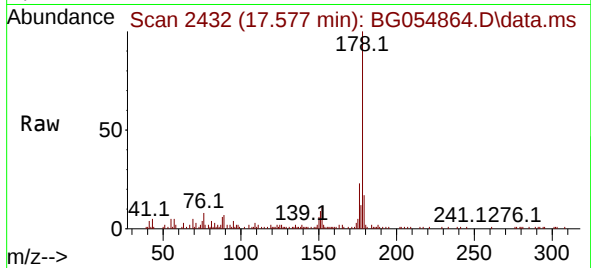




#72
 Anthracene
 Concen: 2.331 ng
 RT: 17.577 min Scan# 2447
 Delta R.T. -0.089 min
 Lab File: BG054864.D
 Acq: 6 Sep 2022 23:30

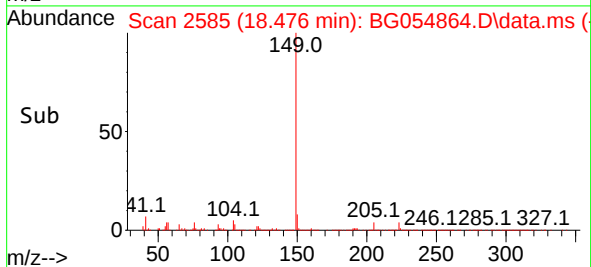
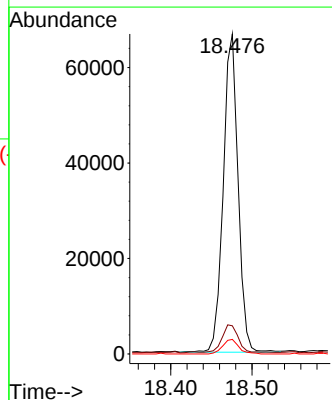
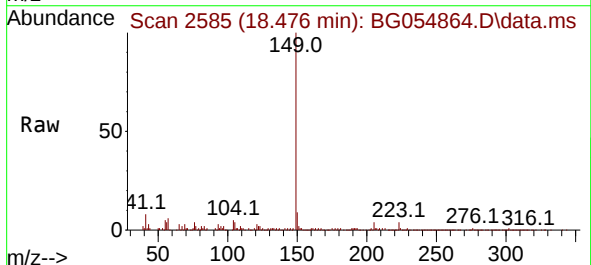
Instrument :
 BNA_G
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 ETGI-345

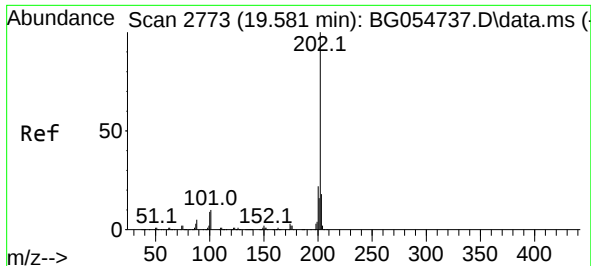
Tgt Ion:178 Resp: 37537
 Ion Ratio Lower Upper
 178 100
 176 22.6 16.2 24.4
 179 16.8 12.9 19.3



#74
 Di-n-butylphthalate
 Concen: 4.514 ng
 RT: 18.476 min Scan# 2585
 Delta R.T. -0.001 min
 Lab File: BG054864.D
 Acq: 6 Sep 2022 23:30

Tgt Ion:149 Resp: 84746
 Ion Ratio Lower Upper
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 150 8.8 8.0 12.0
 104 4.5 4.4 6.6

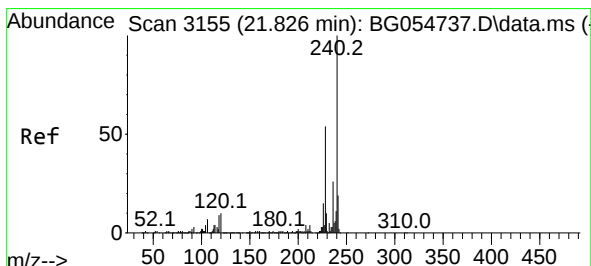
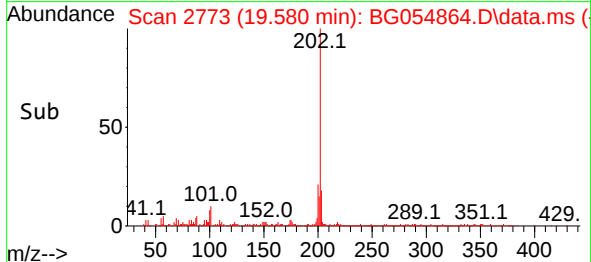
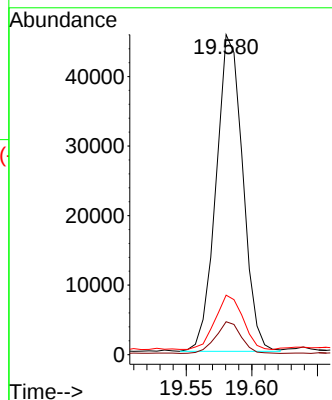
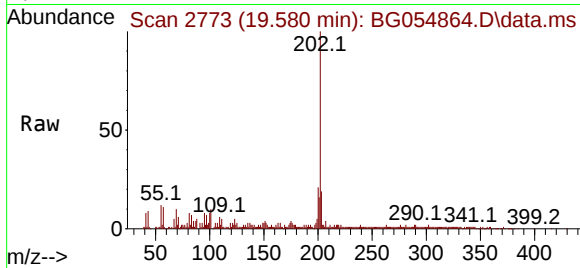




#75
Fluoranthene
Concen: 3.199 ng
RT: 19.580 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

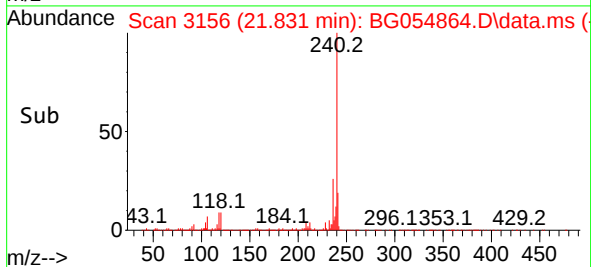
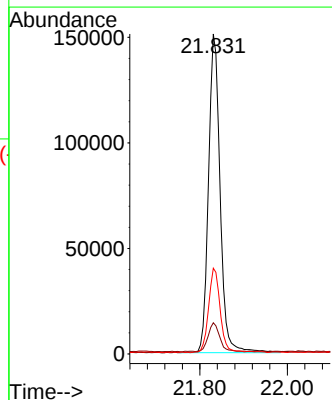
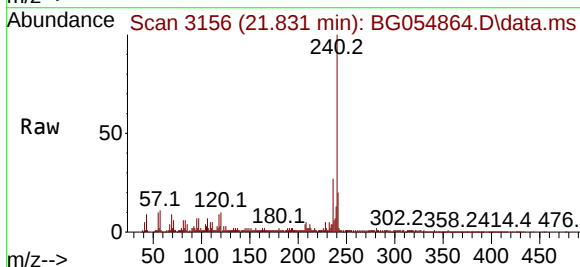
Instrument :
BNA_G
ClientSampleId :
ETGI-345

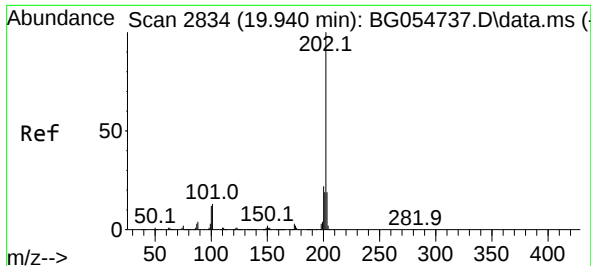
Tgt Ion:202 Resp: 64449
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 18.6 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3156
Delta R.T. 0.005 min
Lab File: BG054864.D
Acq: 6 Sep 2022 23:30

Tgt Ion:240 Resp: 279139
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.4
236 26.8 21.2 31.8

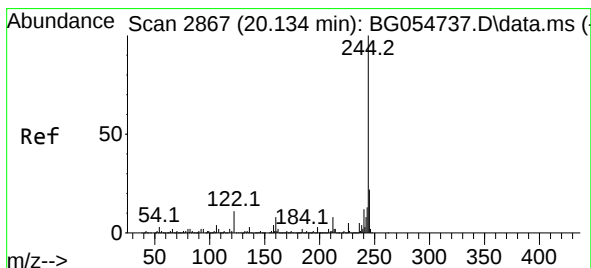
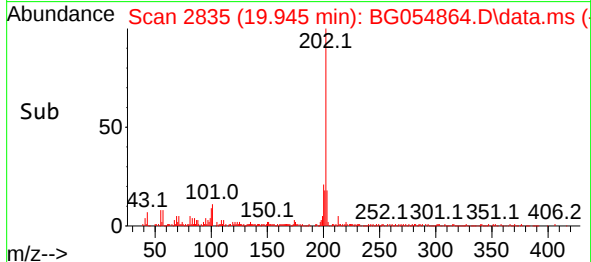
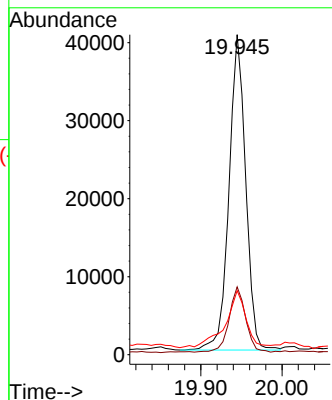
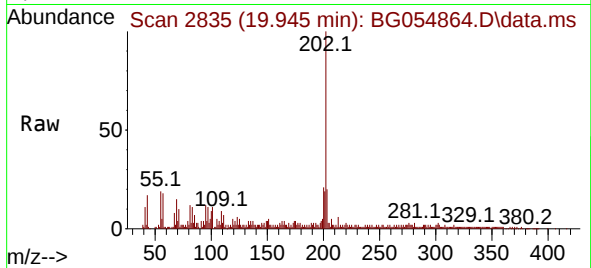




#78
 Pyrene
 Concen: 2.963 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG054864.D
 Acq: 6 Sep 2022 23:30

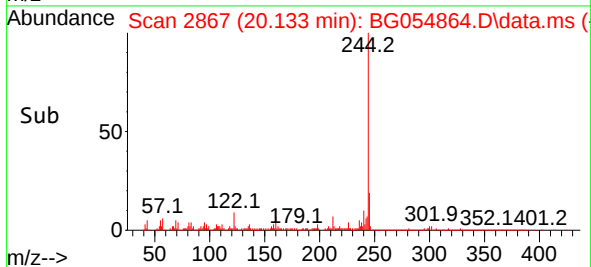
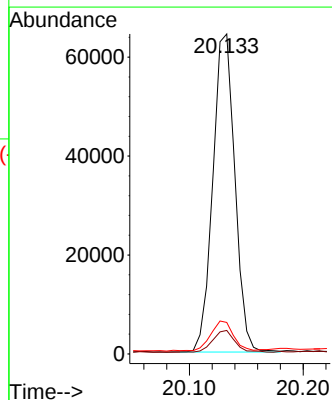
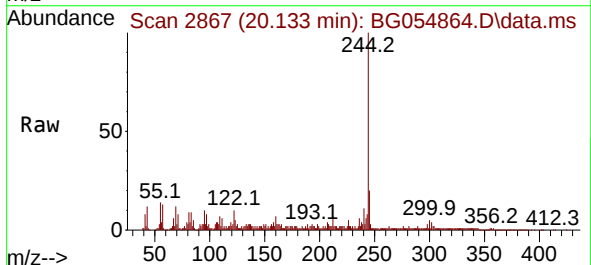
Instrument :
 BNA_G
 ClientSampleId :
 ETGI-345

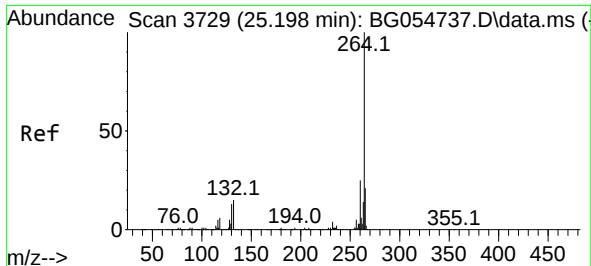
Tgt Ion:202 Resp: 57676
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.8 26.6
 203 20.0 14.6 21.8



#79
 Terphenyl-d14
 Concen: 6.156 ng
 RT: 20.133 min Scan# 2867
 Delta R.T. -0.001 min
 Lab File: BG054864.D
 Acq: 6 Sep 2022 23:30

Tgt Ion:244 Resp: 86723
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.9 9.0 13.6

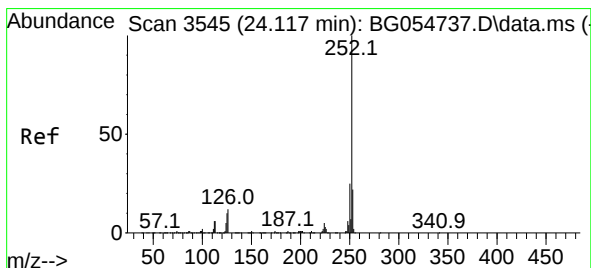
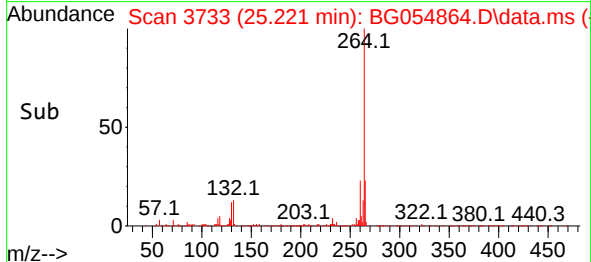
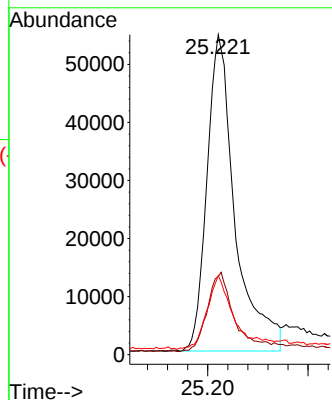
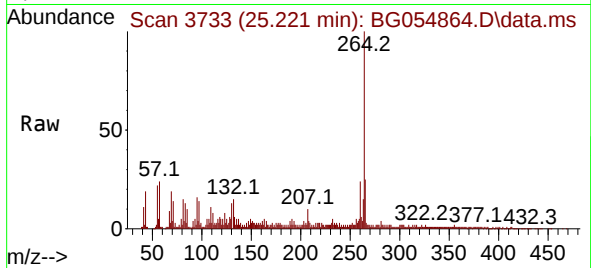




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.221 min Scan# 31
 Delta R.T. 0.023 min
 Lab File: BG054864.D
 Acq: 6 Sep 2022 23:30

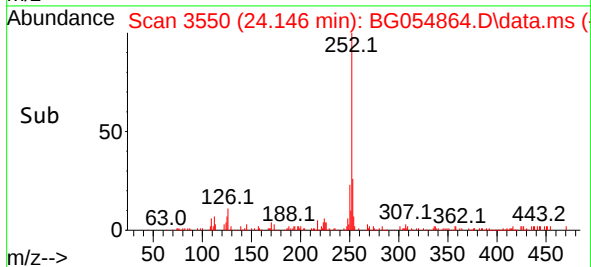
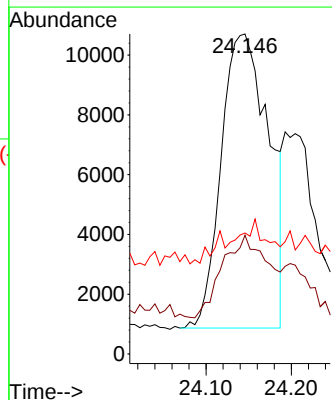
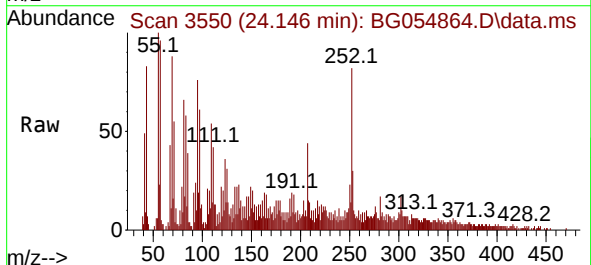
Instrument :
 BNA_G
 ClientSampleId :
 ETGI-345

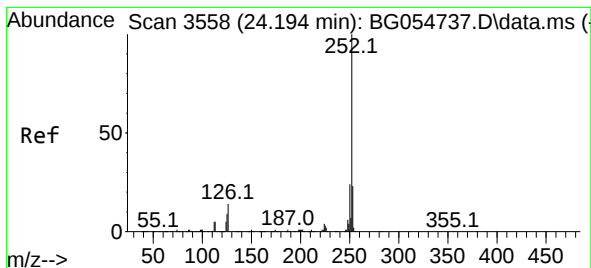
Tgt Ion:264 Resp: 211708
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.9 29.9
 265 24.7 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 2.874 ng
 RT: 24.146 min Scan# 3550
 Delta R.T. 0.029 min
 Lab File: BG054864.D
 Acq: 6 Sep 2022 23:30

Tgt Ion:252 Resp: 38169
 Ion Ratio Lower Upper
 252 100
 253 37.1 18.0 27.0#
 125 37.8 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 2.856 ng

RT: 24.146 min Scan# 3

Delta R.T. -0.048 min

Lab File: BG054864.D

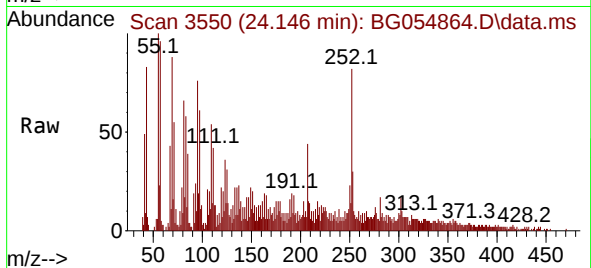
Acq: 6 Sep 2022 23:30

Instrument :

BNA_G

ClientSampleId :

ETGI-345



Tgt Ion:252 Resp: 38169

Ion Ratio Lower Upper

252 100

253 37.1 17.8 26.8#

125 37.8 8.2 12.4#

