

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
 Data File : BG053834.D
 Acq On : 6 Jun 2022 18:23
 Operator : CG/JU
 Sample : N3143-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220425-AMENDED-COMP-E

Quant Time: Jun 07 04:19:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

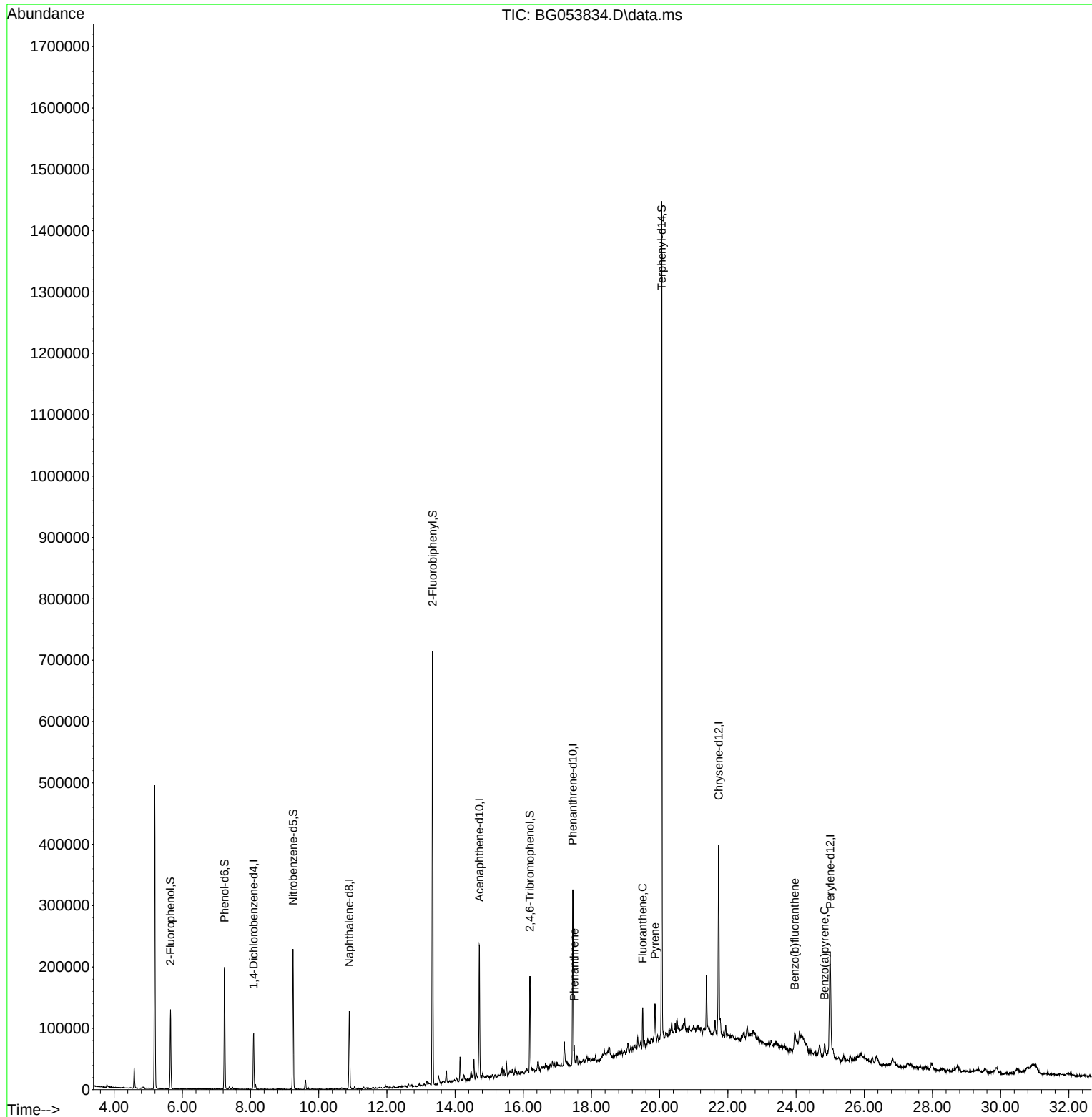
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	27866	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	115808	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	83157	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	197667	20.000	ng	0.00
76) Chrysene-d12	21.731	240	204299	20.000	ng	0.00
86) Perylene-d12	25.003	264	209016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	59339	39.104	ng	0.00
7) Phenol-d6	7.242	99	119419	58.096	ng	0.00
23) Nitrobenzene-d5	9.251	82	146881	83.288	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	37308	36.960	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	408982	73.577	ng	0.00
79) Terphenyl-d14	20.062	244	748393	72.876	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.494	178	21298	2.047	ng	# 89
75) Fluoranthene	19.504	202	44755	3.316	ng	96
78) Pyrene	19.862	202	44448	3.421	ng	96
88) Benzo(b)fluoranthene	23.963	252	30032	2.314	ng	# 90
90) Benzo(a)pyrene	24.839	252	25929	2.363	ng	# 92

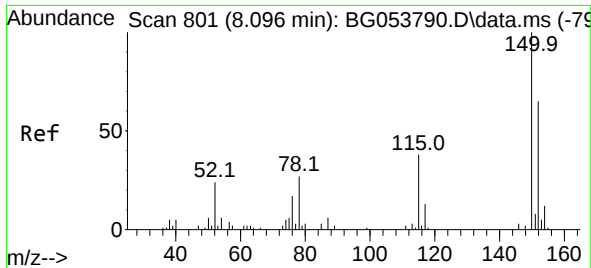
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053834.D
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Misc :
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BNA_G
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20220425-AMENDED-COMP-E

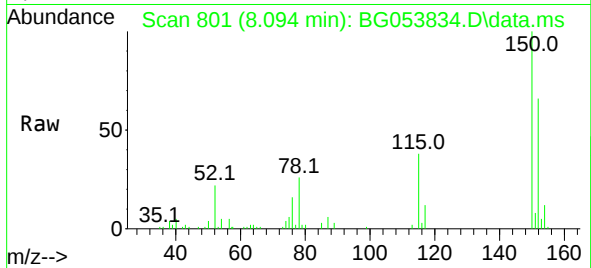
Quant Time: Jun 07 04:19:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration



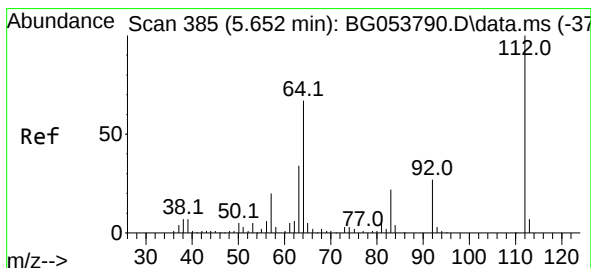
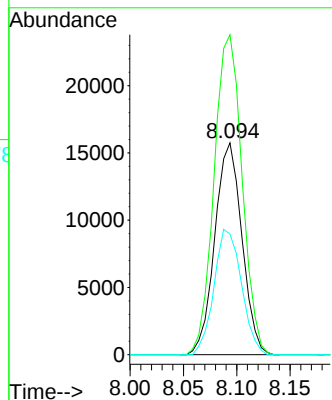
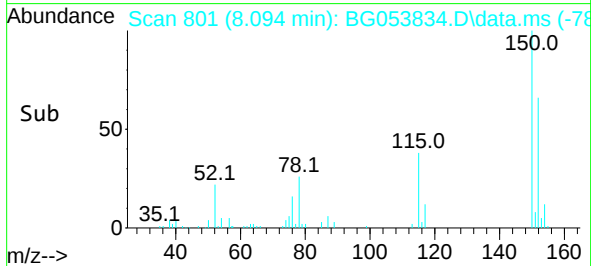


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

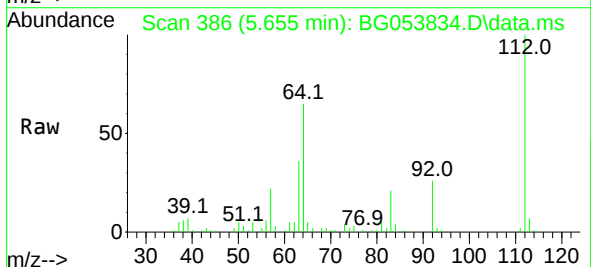
Instrument :
BNA_G
ClientSampleId :
20220425-AMENDED-COMP-E



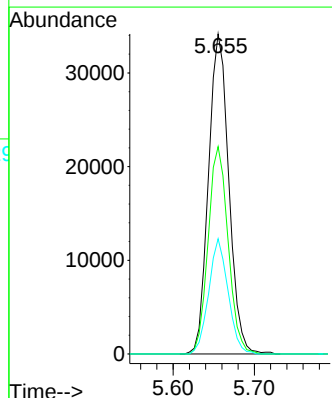
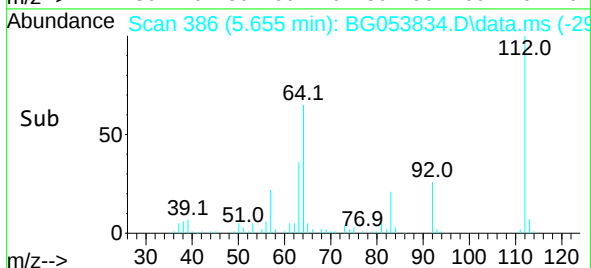
Tgt Ion:152 Resp: 27866
Ion Ratio Lower Upper
152 100
150 151.0 131.6 197.4
115 57.0 50.9 76.3

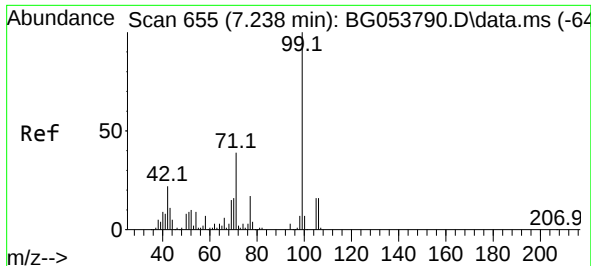


#5
2-Fluorophenol
Concen: 39.104 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23



Tgt Ion:112 Resp: 59339
Ion Ratio Lower Upper
112 100
64 64.8 55.1 82.7
63 36.0 30.4 45.6

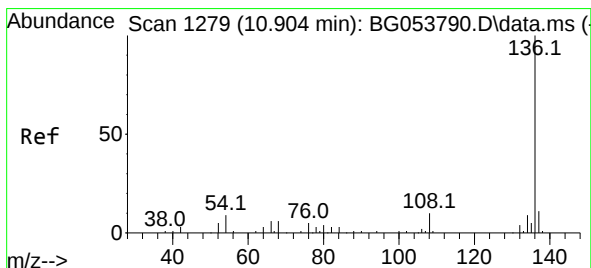
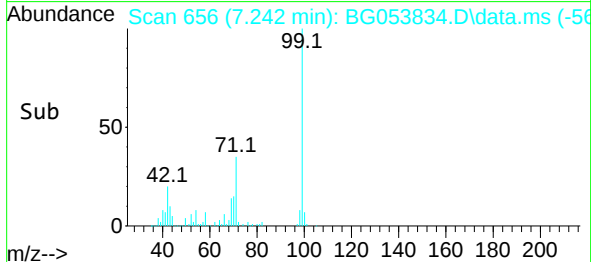
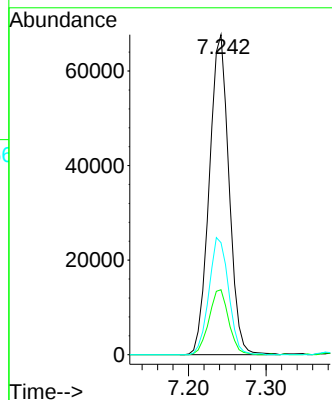
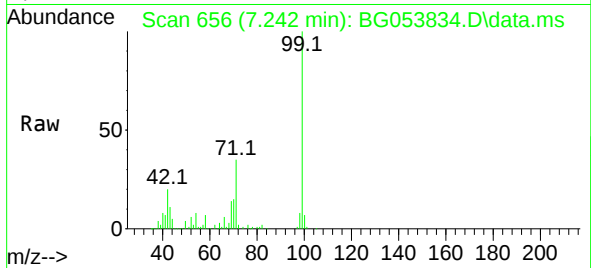




#7
Phenol-d6
Concen: 58.096 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

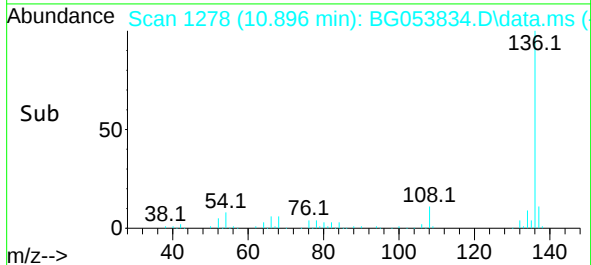
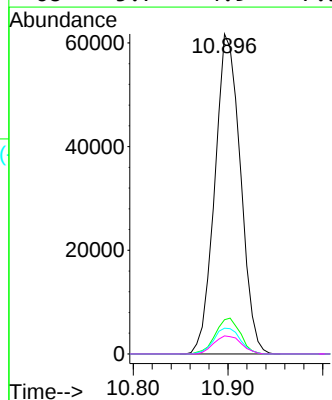
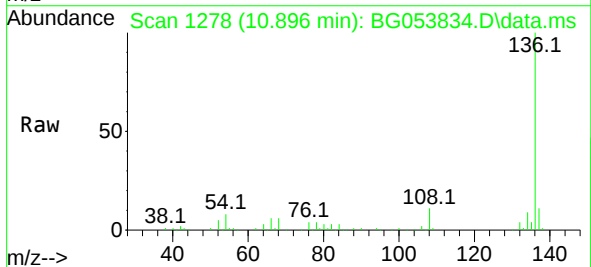
Instrument :
BNA_G
ClientSampleId :
20220425-AMENDED-COMP-E

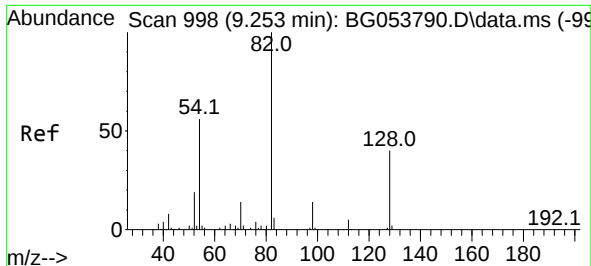
Tgt Ion: 99 Resp: 119419
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 35.0 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 1278
Delta R.T. -0.008 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

Tgt Ion: 136 Resp: 115808
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 8.0 7.4 11.2
68 5.7 4.9 7.3

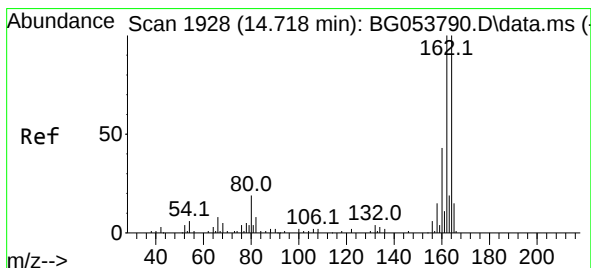
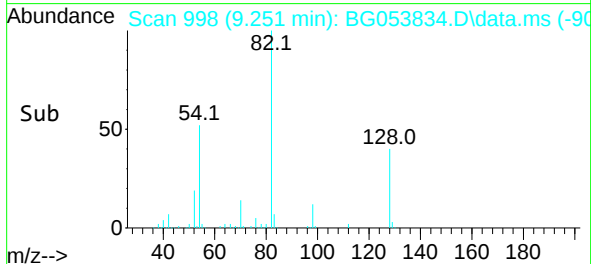
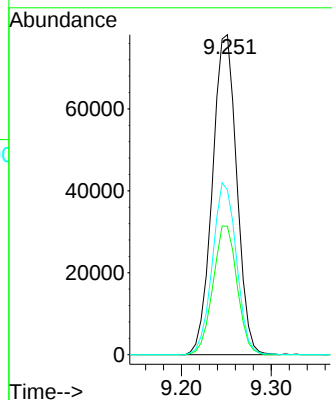
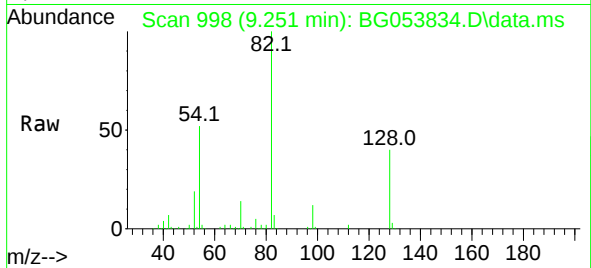




#23
Nitrobenzene-d5
Concen: 83.288 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

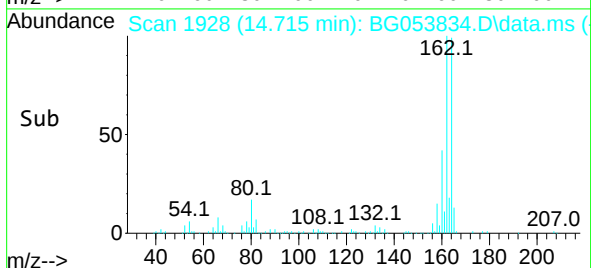
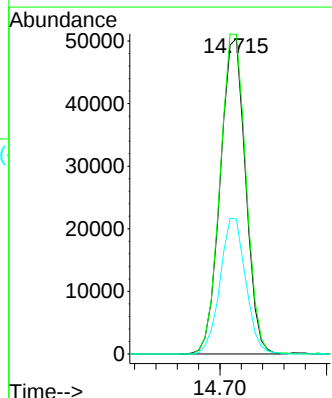
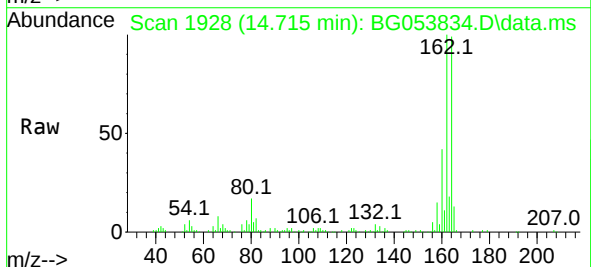
Instrument :
BNA_G
ClientSampleId :
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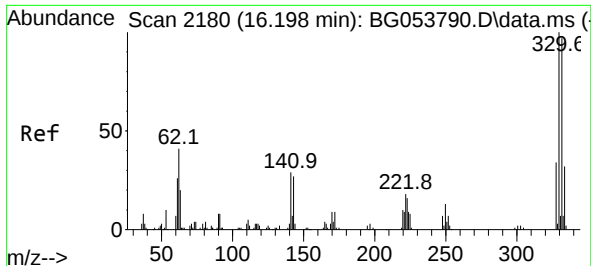
Tgt Ion: 82 Resp: 146881
Ion Ratio Lower Upper
82 100
128 40.2 27.9 41.9
54 51.5 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.715 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

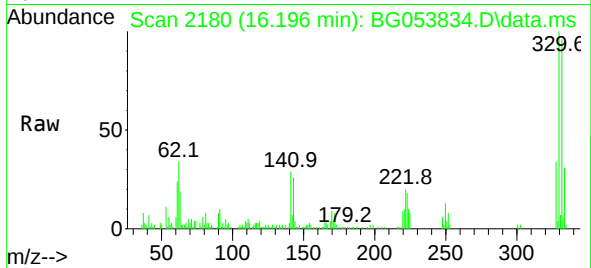
Tgt Ion: 164 Resp: 83157
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 42.8 34.2 51.2



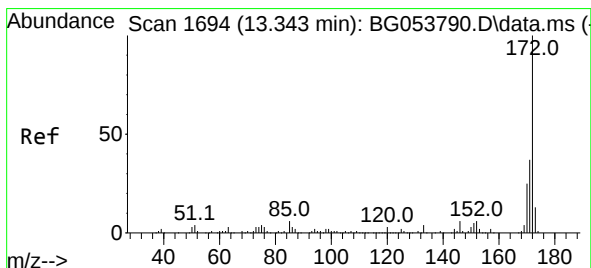
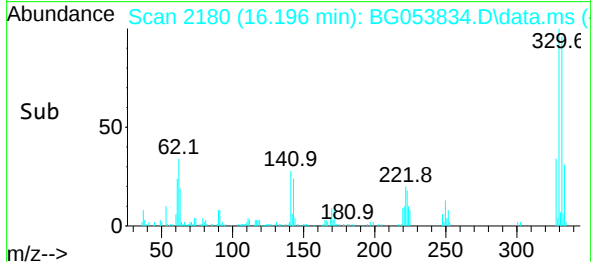
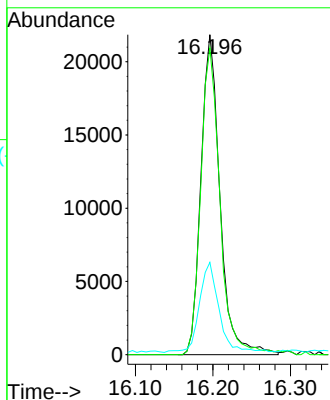


#42
2,4,6-Tribromophenol
Concen: 36.960 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

Instrument :
BNA_G
ClientSampleId :
20220425-AMENDED-COMP-E

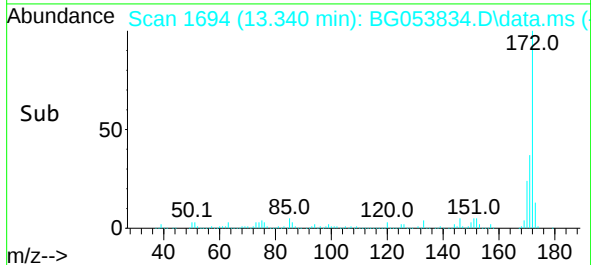
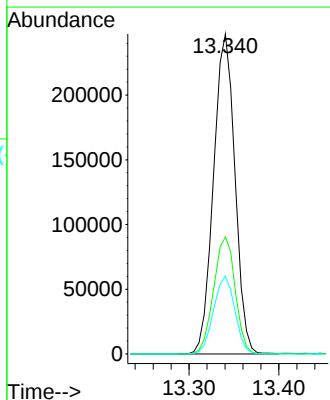
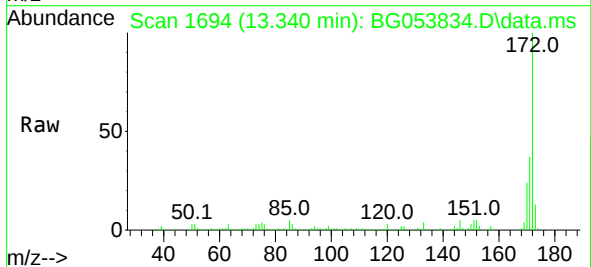


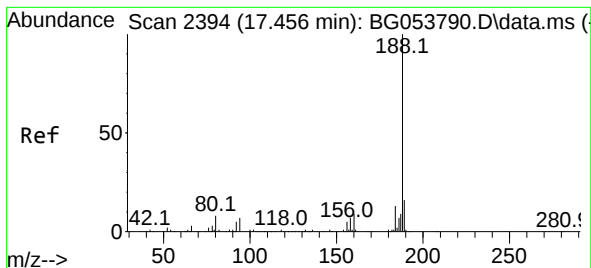
Tgt Ion:330 Resp: 37308
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 29.1 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 73.577 ng
RT: 13.340 min Scan# 1694
Delta R.T. -0.003 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

Tgt Ion:172 Resp: 408982
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.453 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG053834.D

Acq: 6 Jun 2022 18:23

Instrument :

BNA_G

ClientSampleId :

20220425-AMENDED-COMP-E

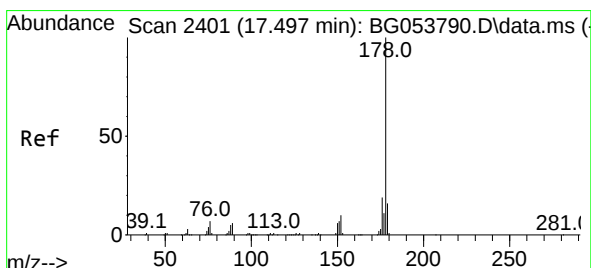
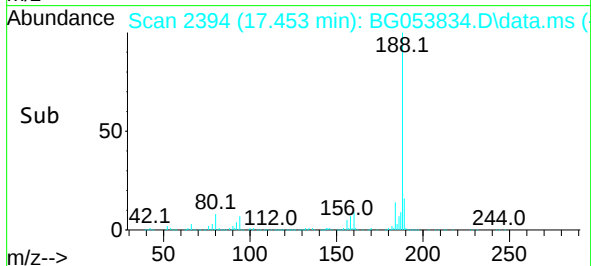
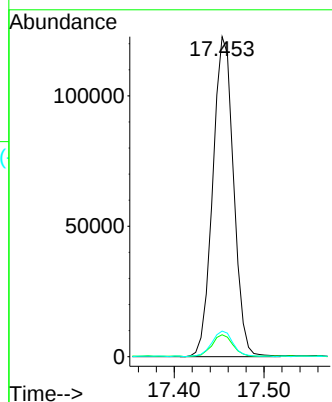
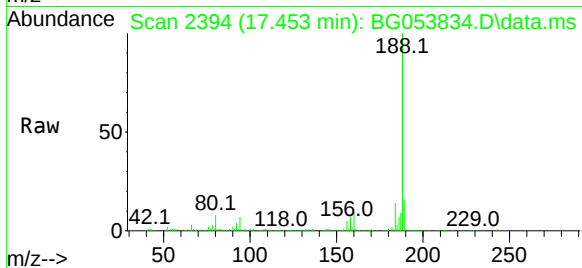
Tgt Ion:188 Resp: 197667

Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

80 8.0 6.8 10.2



#71

Phenanthrene

Concen: 2.047 ng

RT: 17.494 min Scan# 2401

Delta R.T. -0.002 min

Lab File: BG053834.D

Acq: 6 Jun 2022 18:23

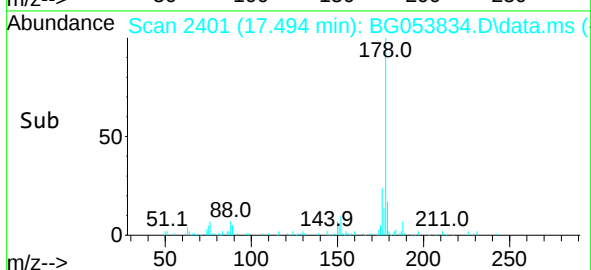
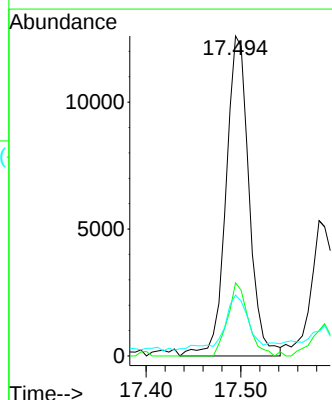
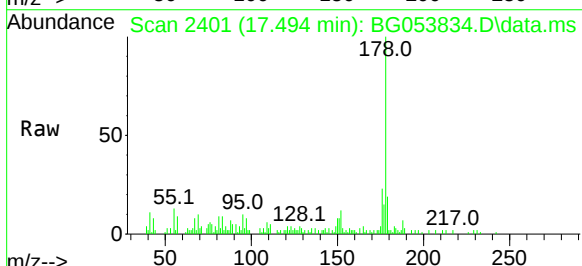
Tgt Ion:178 Resp: 21298

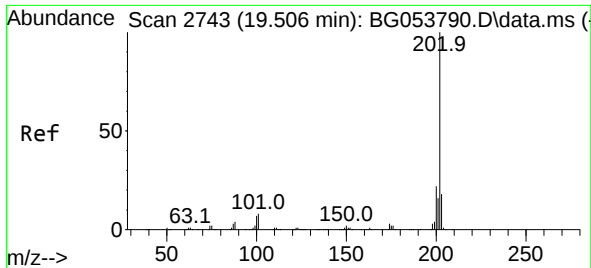
Ion Ratio Lower Upper

178 100

176 22.8 14.1 21.1#

179 19.0 12.1 18.1#

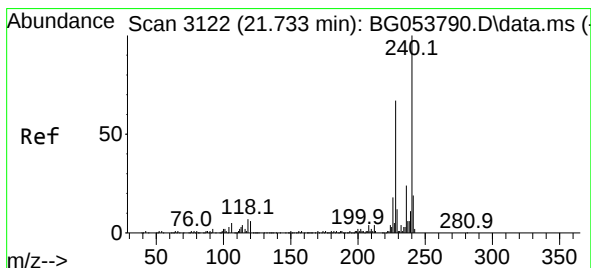
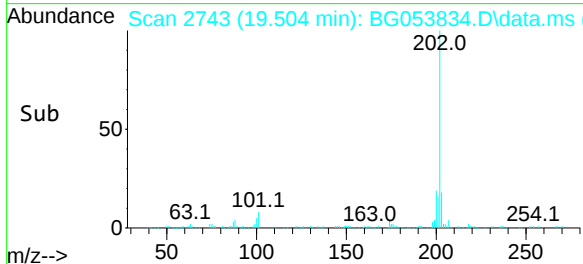
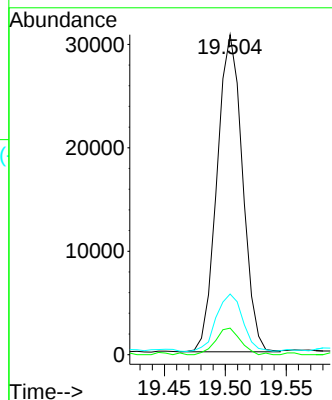
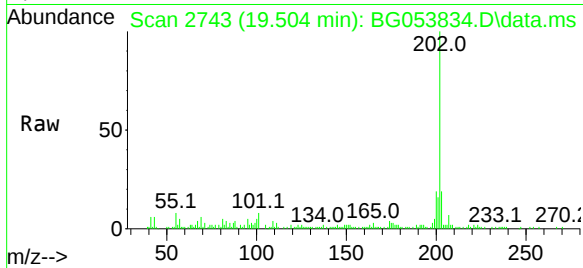




#75
Fluoranthene
Concen: 3.316 ng
RT: 19.504 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

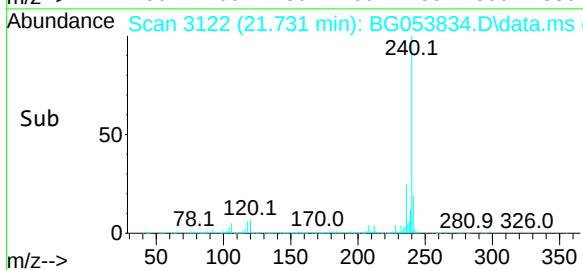
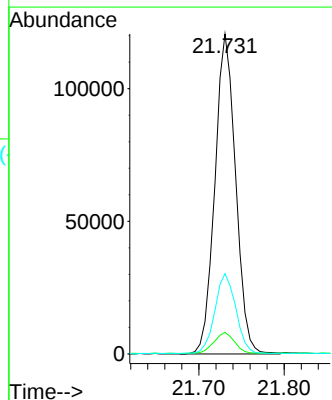
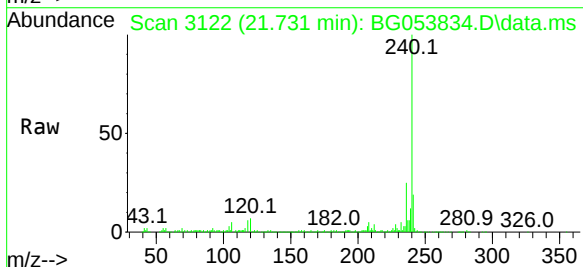
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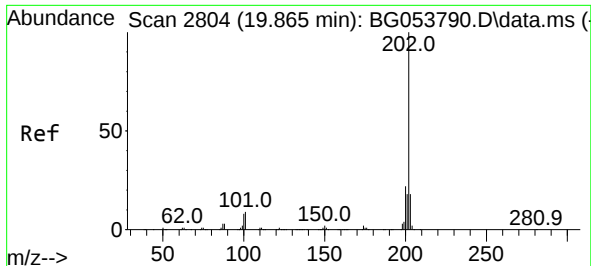
Tgt Ion:202 Resp: 44755
Ion Ratio Lower Upper
202 100
101 8.3 0.0 26.9
203 18.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

Tgt Ion:240 Resp: 204299
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 25.1 20.2 30.4

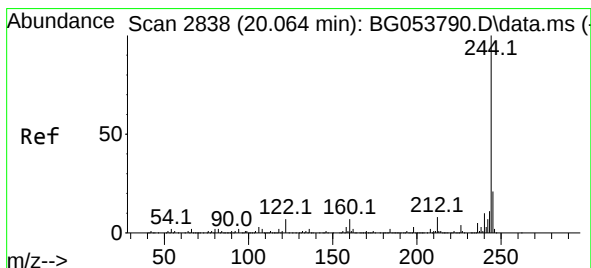
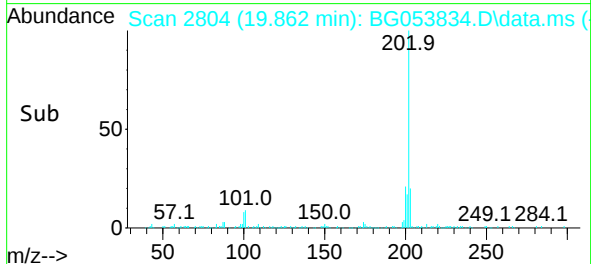
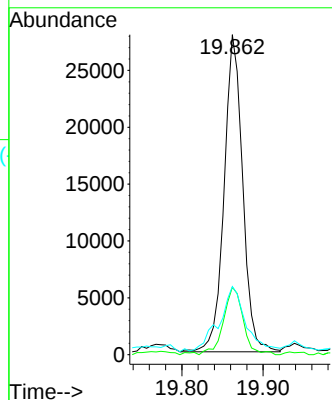
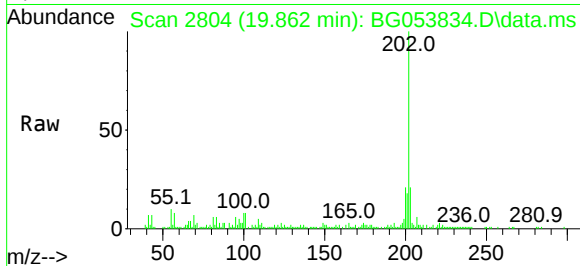




#78
 Pyrene
 Concen: 3.421 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053834.D
 Acq: 6 Jun 2022 18:23

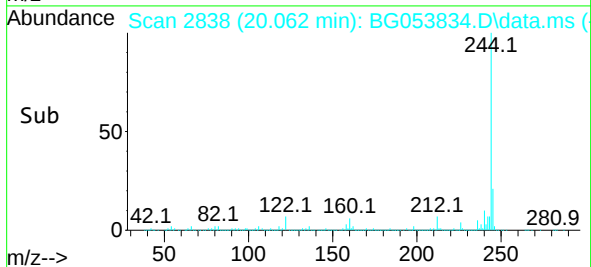
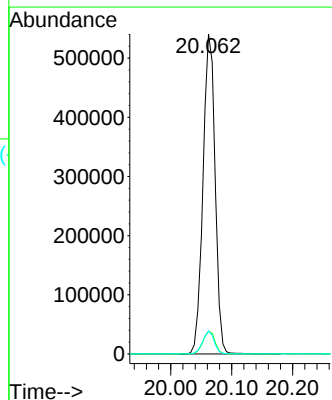
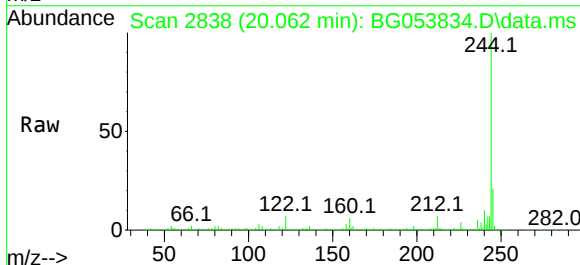
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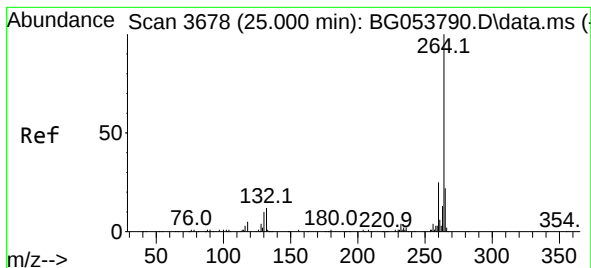
Tgt Ion:202 Resp: 44448
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.6 24.8
 203 21.3 14.6 21.8



#79
 Terphenyl-d14
 Concen: 72.876 ng
 RT: 20.062 min Scan# 2838
 Delta R.T. -0.002 min
 Lab File: BG053834.D
 Acq: 6 Jun 2022 18:23

Tgt Ion:244 Resp: 748393
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 7.2 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.003 min Scan# 3

Delta R.T. 0.004 min

Lab File: BG053834.D

Acq: 6 Jun 2022 18:23

Instrument :

BNA_G

ClientSampleId :

20220425-AMENDED-COMP-E

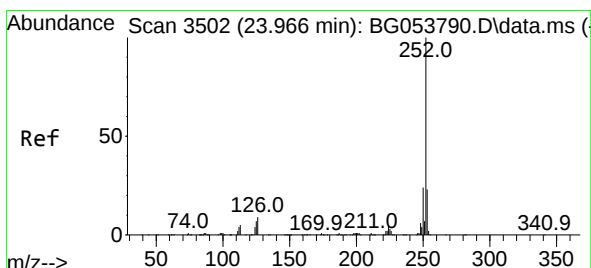
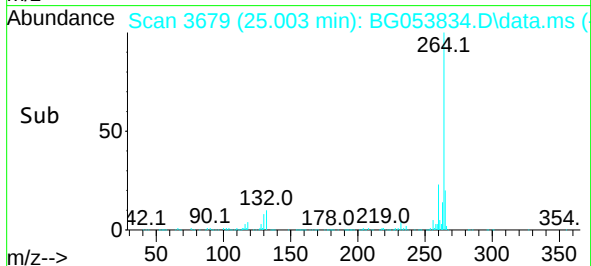
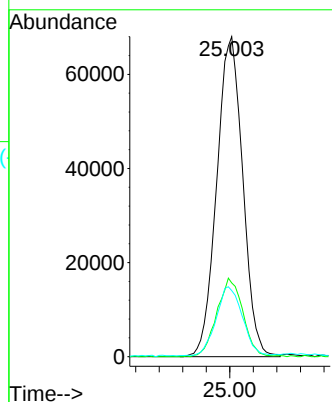
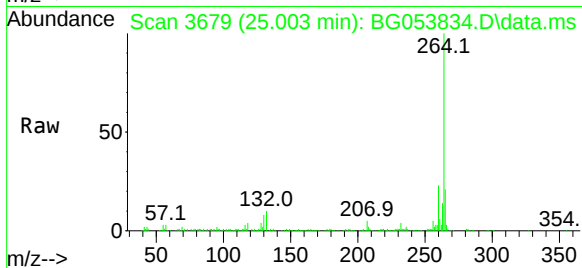
Tgt Ion:264 Resp: 209016

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 20.7 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.314 ng

RT: 23.963 min Scan# 3502

Delta R.T. -0.002 min

Lab File: BG053834.D

Acq: 6 Jun 2022 18:23

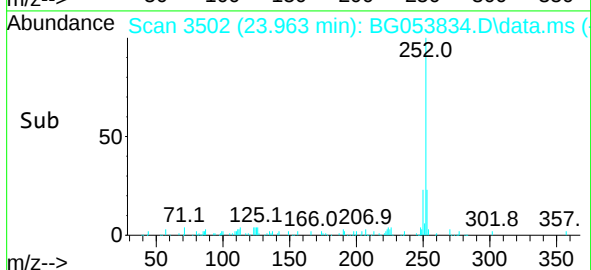
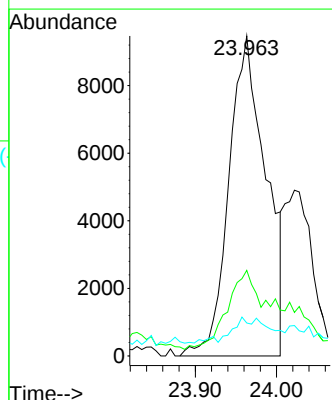
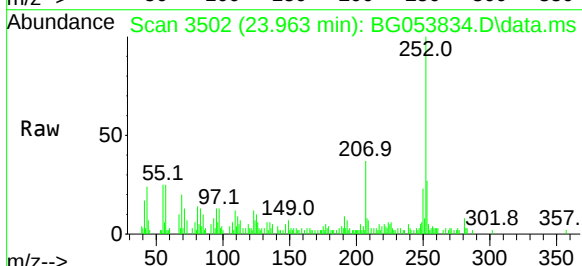
Tgt Ion:252 Resp: 30032

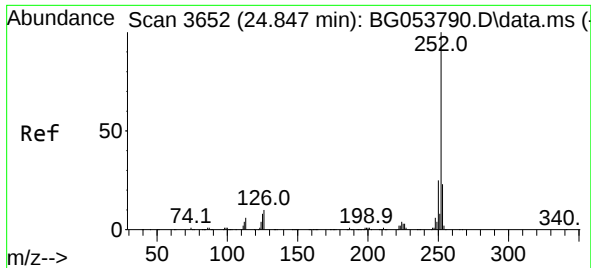
Ion Ratio Lower Upper

252 100

253 26.8 18.0 27.0

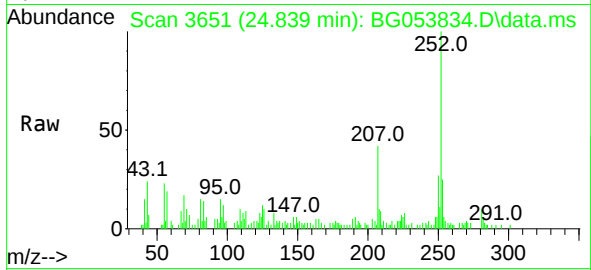
125 10.3 4.6 6.8#





#90
 Benzo(a)pyrene
 Concen: 2.363 ng
 RT: 24.839 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG053834.D
 Acq: 6 Jun 2022 18:23

Instrument :
 BNA_G
 ClientSampleId :
 20220425-AMENDED-COMP-E



Tgt Ion:252 Resp: 25929
 Ion Ratio Lower Upper
 252 100
 253 25.0 17.8 26.8
 125 11.8 4.3 6.5#

