

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053206.D
 Acq On : 19 Apr 2022 21:50
 Operator : CG/JU
 Sample : N2468-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-6

Quant Time: Apr 20 05:43:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

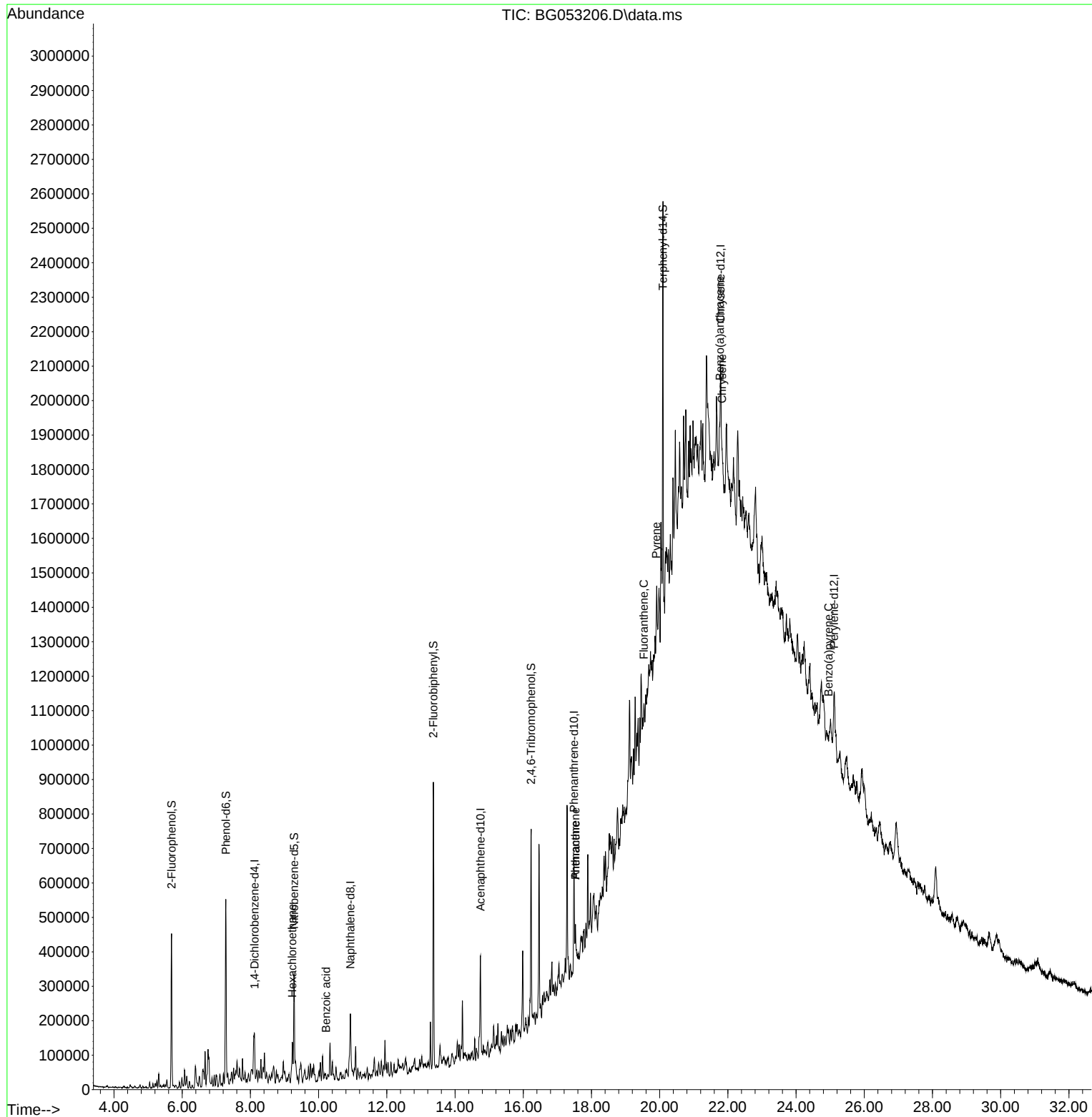
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.119	152	35508	20.000	ng	0.00
21) Naphthalene-d8	10.933	136	144201	20.000	ng	# 0.00
39) Acenaphthene-d10	14.745	164	99588	20.000	ng	0.00
64) Phenanthrene-d10	17.489	188	181987	20.000	ng	0.00
76) Chrysene-d12	21.783	240	174172	20.000	ng	# 0.00
86) Perylene-d12	25.114	264	180380	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	182232	87.974	ng	0.00
7) Phenol-d6	7.279	99	268466	84.044	ng	0.00
23) Nitrobenzene-d5	9.282	82	198144	55.792	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	117680	74.274	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	442121	61.216	ng	0.00
79) Terphenyl-d14	20.097	244	581277	56.365	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.229	117	5957	5.996	ng	# 1
32) Benzoic acid	10.216	122	61	3.671	ng	# 40
71) Phenanthrene	17.530	178	63913	6.430	ng	97
72) Anthracene	17.530	178	63913	6.490	ng	98
75) Fluoranthene	19.539	202	39135	3.071	ng	83
78) Pyrene	19.903	202	61058	4.922	ng	# 89
81) Benzo(a)anthracene	21.765	228	36151	3.036	ng	# 56
83) Chrysene	21.830	228	54753	4.954	ng	# 75
90) Benzo(a)pyrene	24.955	252	21610	2.229	ng	# 1

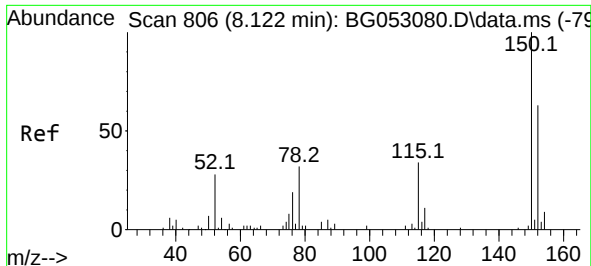
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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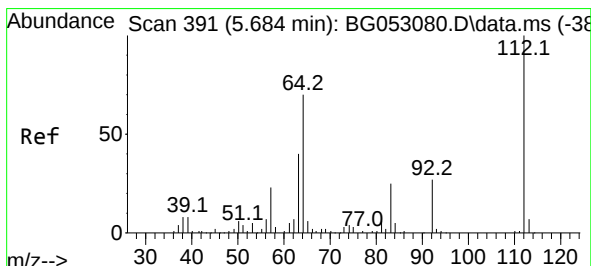
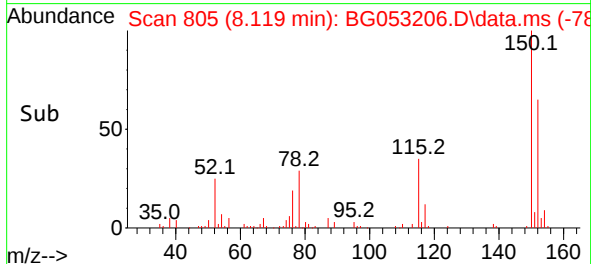
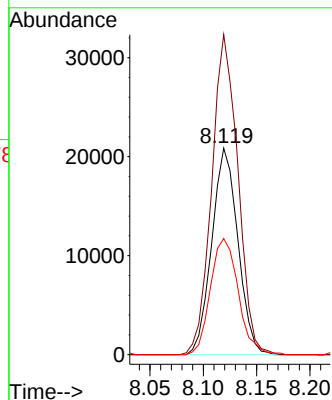
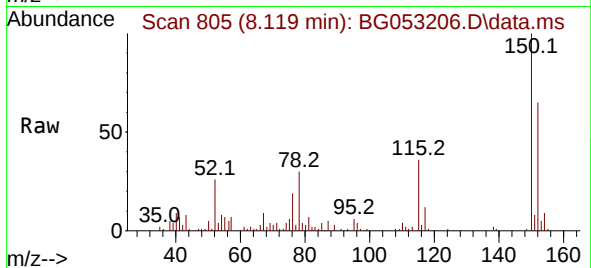




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.119 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

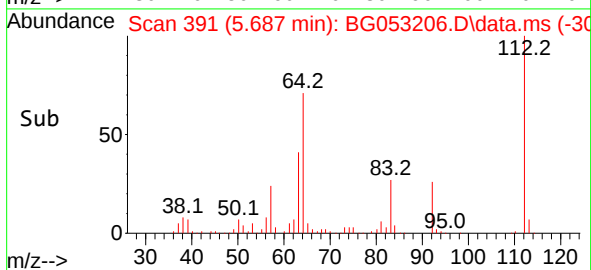
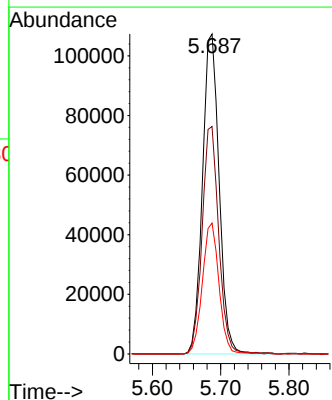
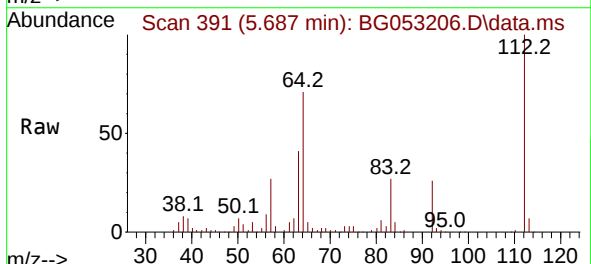
Instrument :
BNA_G
ClientSampleId :
WC-15-1-6

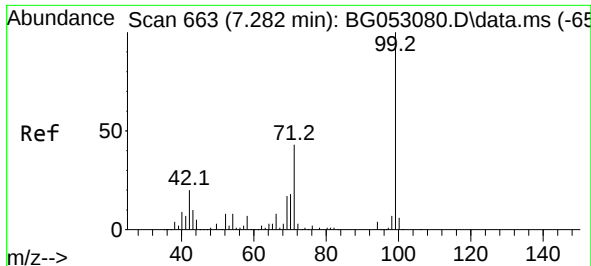
Tgt Ion:152 Resp: 35508
Ion Ratio Lower Upper
152 100
150 154.9 114.6 172.0
115 56.2 45.9 68.9



#5
2-Fluorophenol
Concen: 87.974 ng
RT: 5.687 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion:112 Resp: 182232
Ion Ratio Lower Upper
112 100
64 71.1 48.0 72.0
63 40.9 26.5 39.7#

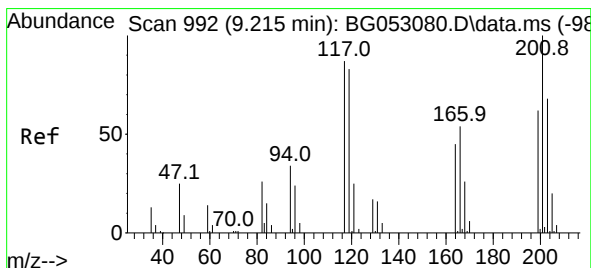
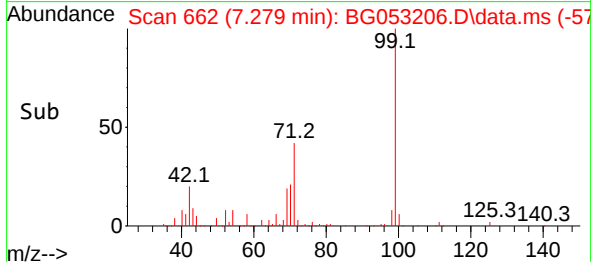
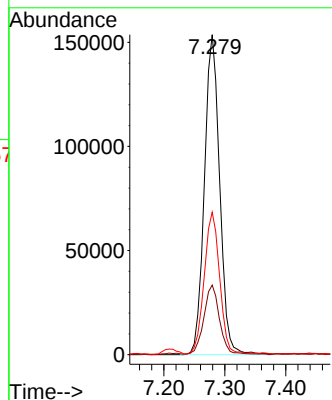
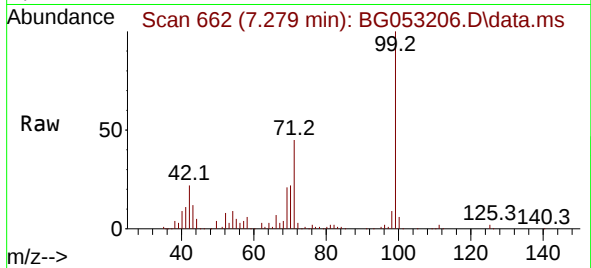




#7
Phenol-d6
Concen: 84.044 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

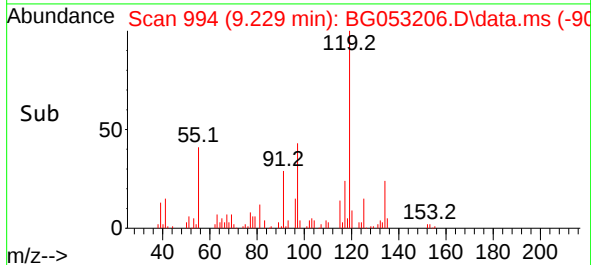
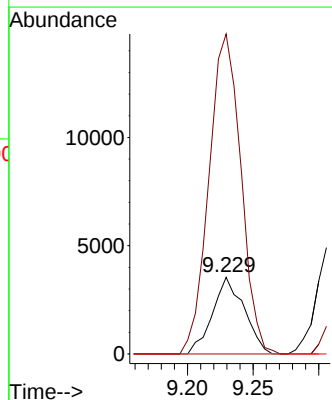
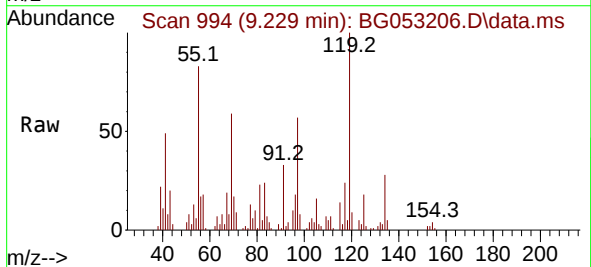
Instrument :
BNA_G
ClientSampleId :
WC-15-1-6

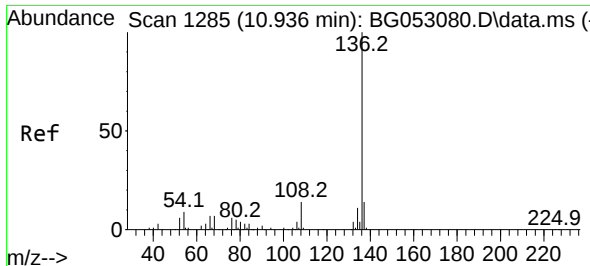
Tgt Ion: 99 Resp: 268466
Ion Ratio Lower Upper
99 100
42 21.8 14.7 22.1
71 44.6 29.2 43.8#



#18
Hexachloroethane
Concen: 5.996 ng
RT: 9.229 min Scan# 994
Delta R.T. 0.015 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion: 117 Resp: 5957
Ion Ratio Lower Upper
117 100
119 417.1 75.1 112.7#
201 0.0 96.6 145.0#

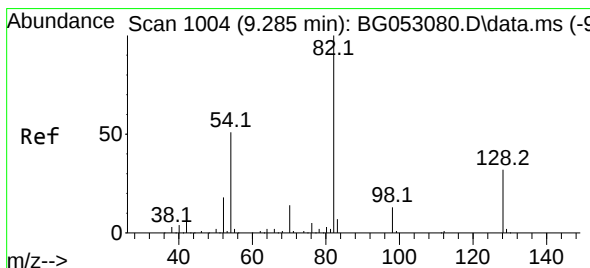
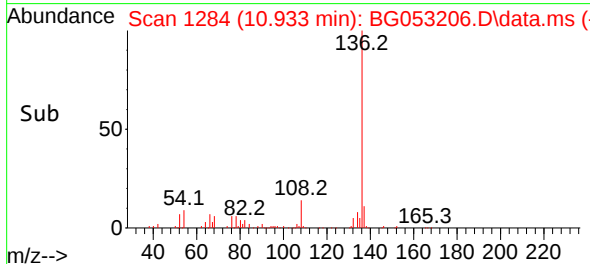
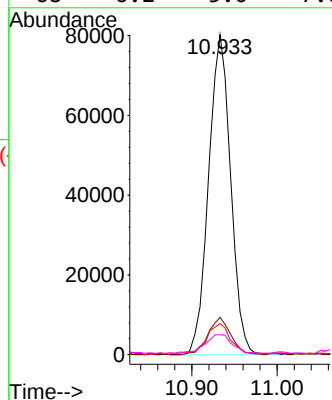
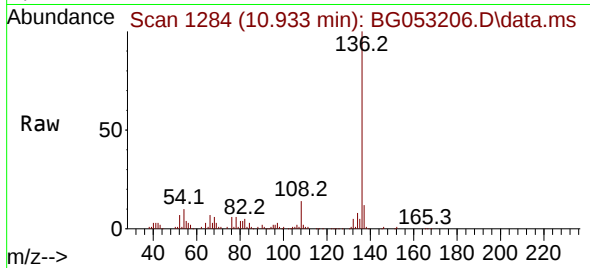




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

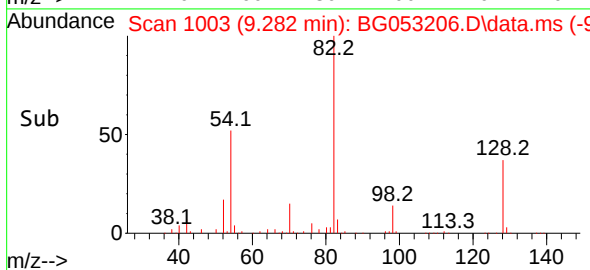
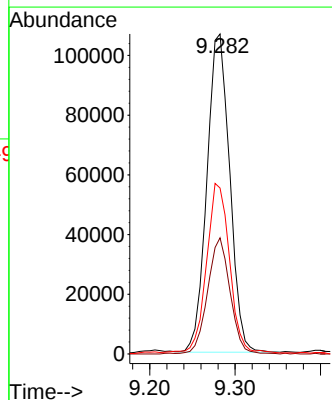
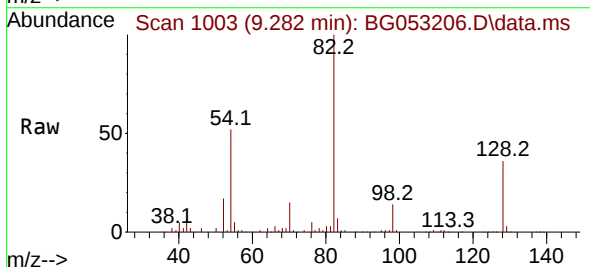
Instrument :
BNA_G
ClientSampleId :
WC-15-1-6

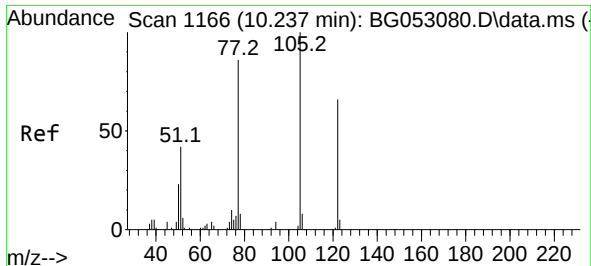
Tgt Ion:136 Resp: 144201
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 9.7 6.4 9.6#
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 55.792 ng
RT: 9.282 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion: 82 Resp: 198144
Ion Ratio Lower Upper
82 100
128 36.3 31.3 46.9
54 51.8 37.8 56.8

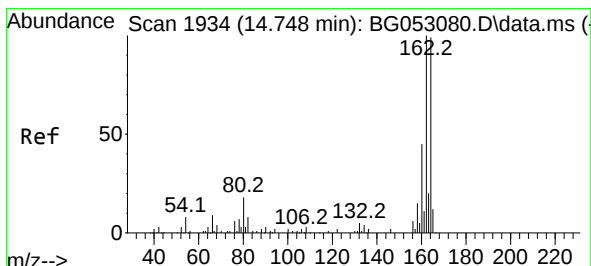
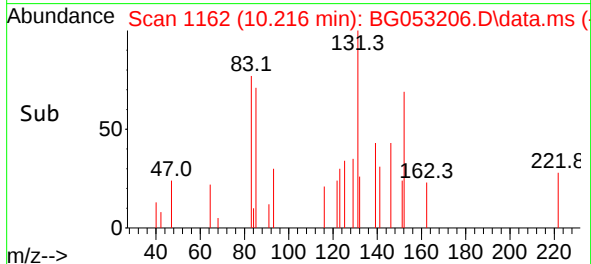
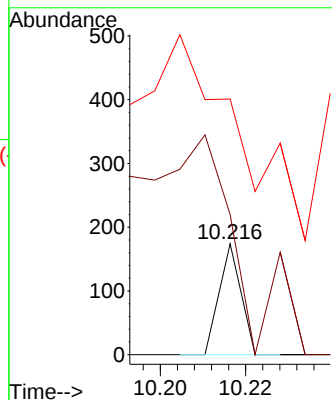
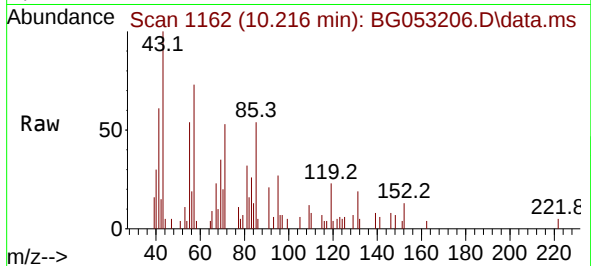




#32
Benzoic acid
Concen: 3.671 ng
RT: 10.216 min Scan# 1166
Delta R.T. -0.021 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

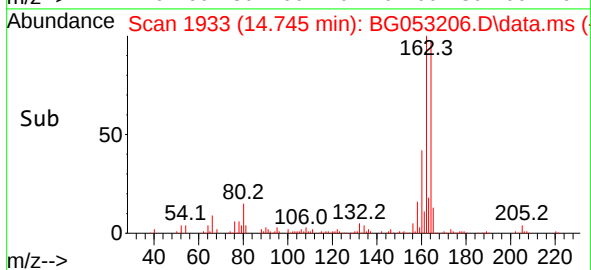
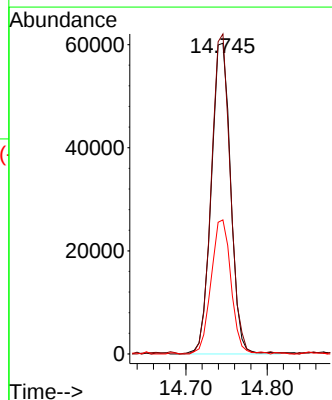
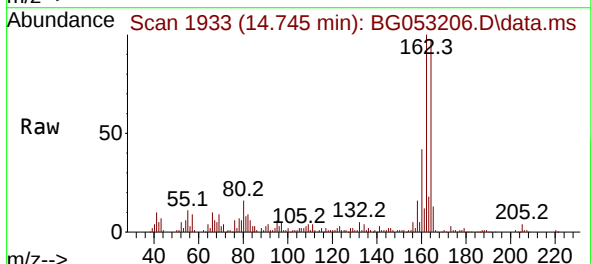
Instrument :
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ClientSampleId :
WC-15-1-6

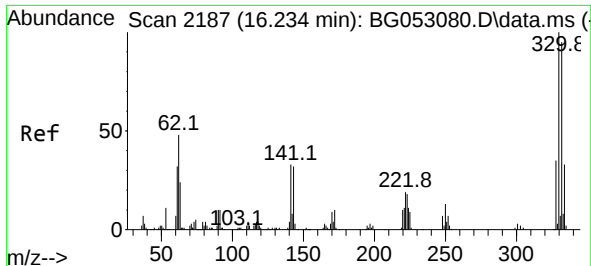
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 126.4 112.8 152.8
77 230.5 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1933
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion:164 Resp: 99588
Ion Ratio Lower Upper
164 100
162 103.0 80.0 120.0
160 43.1 38.8 58.2

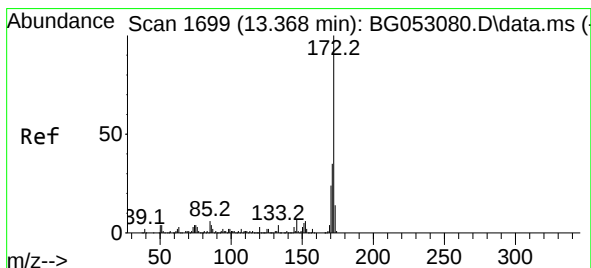
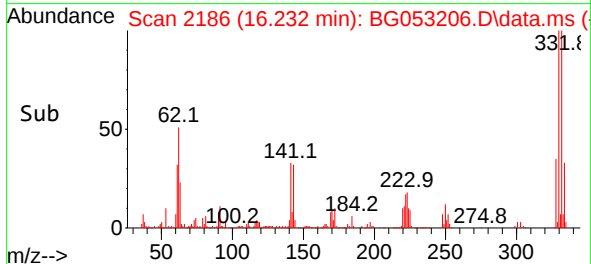
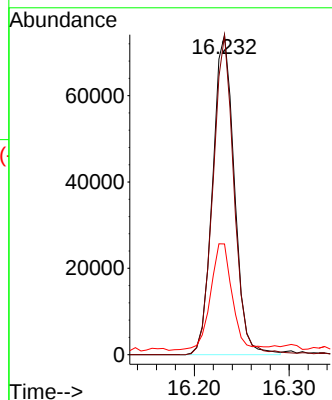
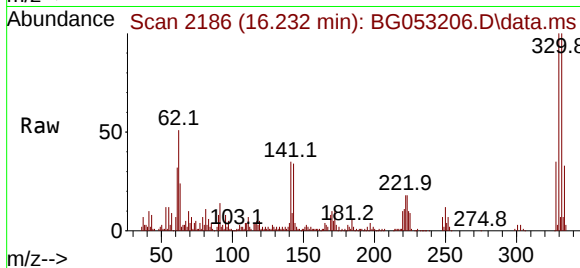




#42
2,4,6-Tribromophenol
Concen: 74.274 ng
RT: 16.232 min Scan# 2187
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

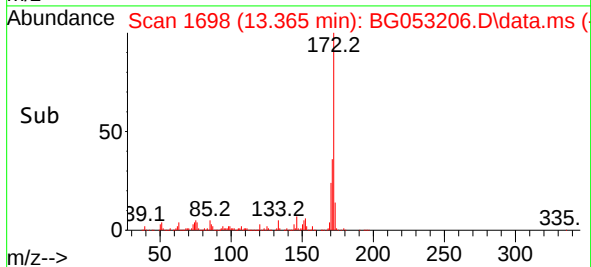
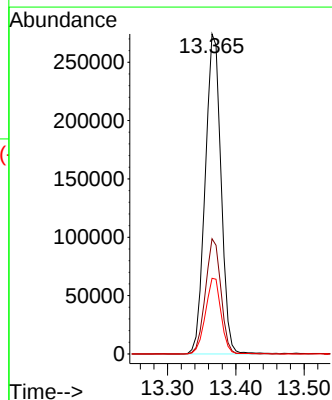
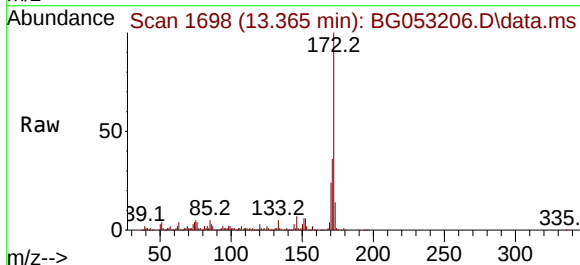
Instrument :
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ClientSampleId :
WC-15-1-6

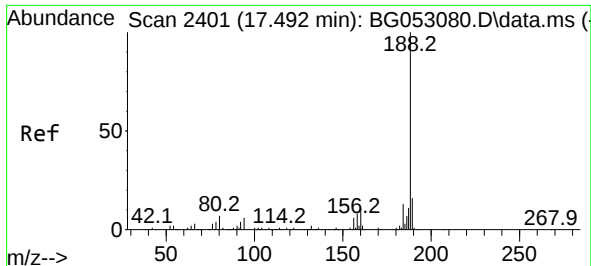
Tgt Ion:330 Resp: 117680
Ion Ratio Lower Upper
330 100
332 96.6 75.8 113.6
141 34.2 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 61.216 ng
RT: 13.365 min Scan# 1698
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion:172 Resp: 442121
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.7 18.0 27.0

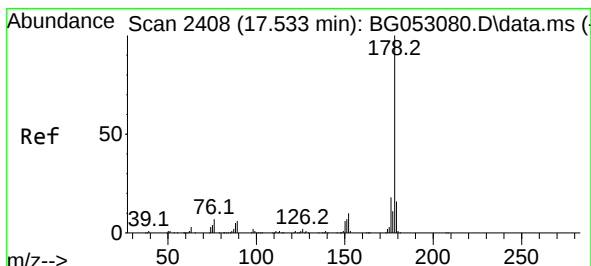
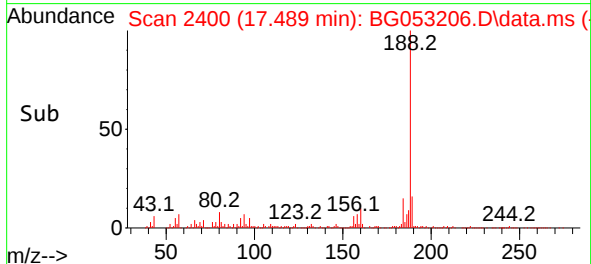
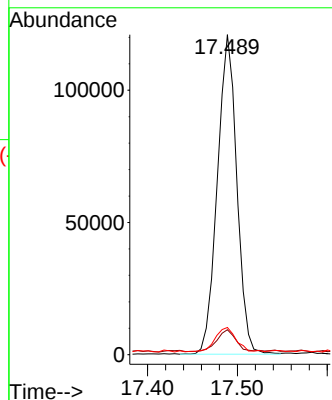
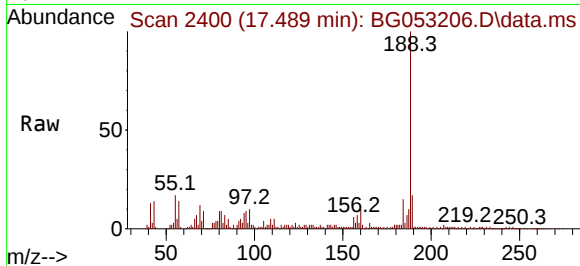




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.489 min Scan# 2400
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

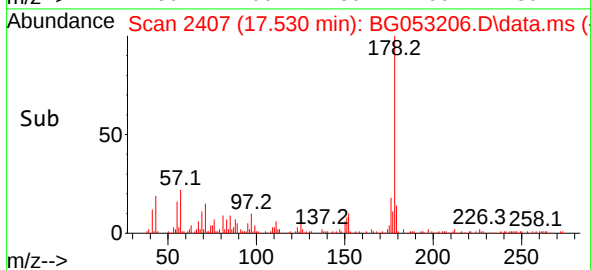
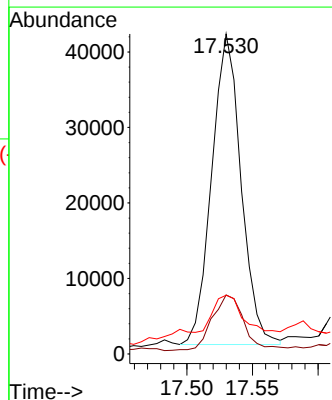
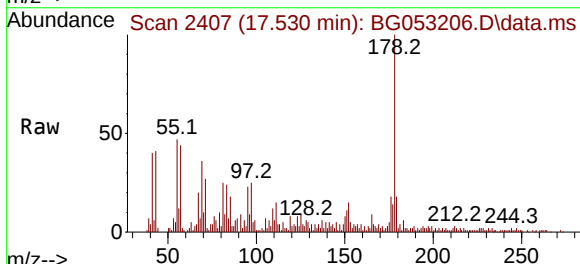
Instrument :
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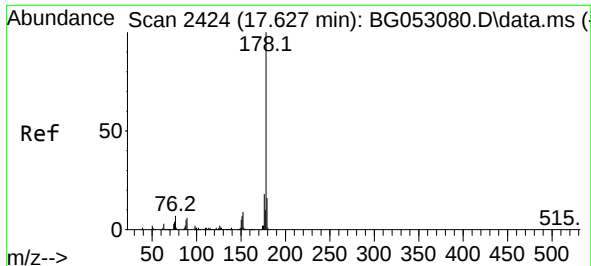
Tgt Ion:188 Resp: 181987
Ion Ratio Lower Upper
188 100
94 7.8 5.7 8.5
80 8.5 7.2 10.8



#71
Phenanthrene
Concen: 6.430 ng
RT: 17.530 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion:178 Resp: 63913
Ion Ratio Lower Upper
178 100
176 18.5 15.9 23.9
179 18.4 13.4 20.2

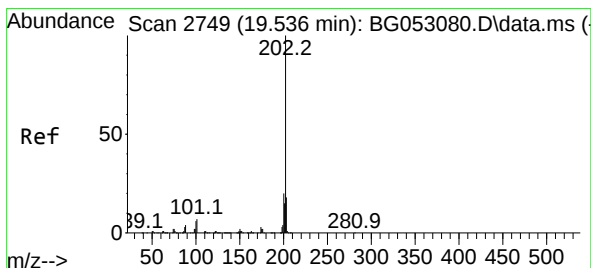
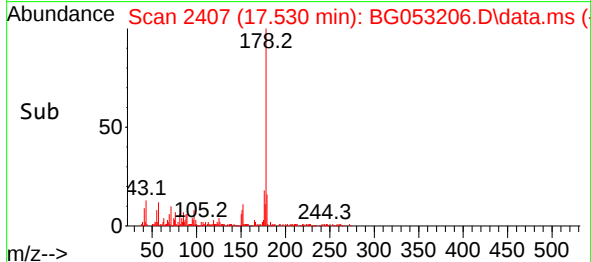
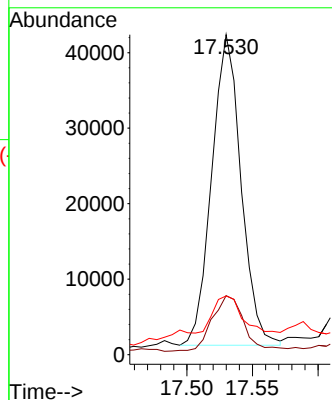
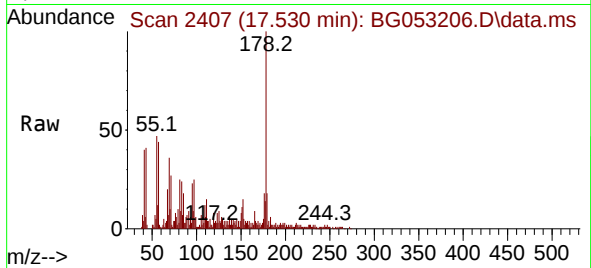




#72
 Anthracene
 Concen: 6.490 ng
 RT: 17.530 min Scan# 2424
 Delta R.T. -0.097 min
 Lab File: BG053206.D
 Acq: 19 Apr 2022 21:50

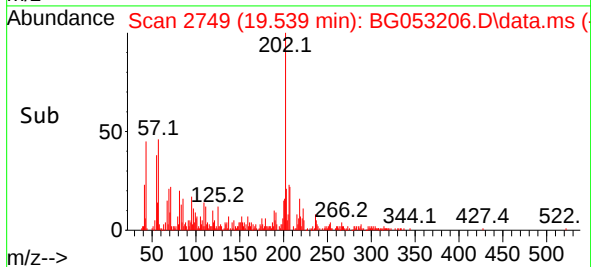
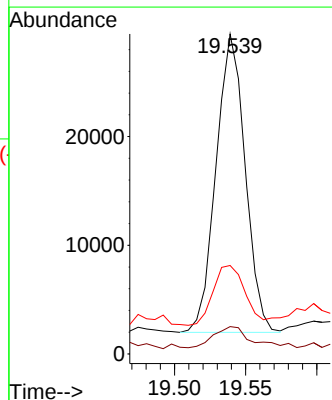
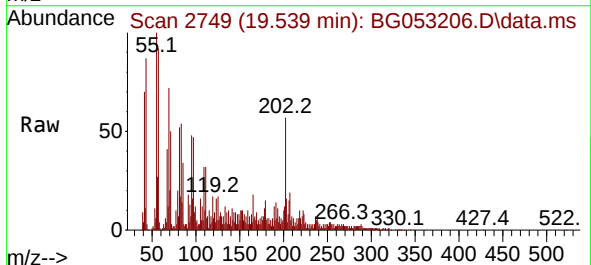
Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-6

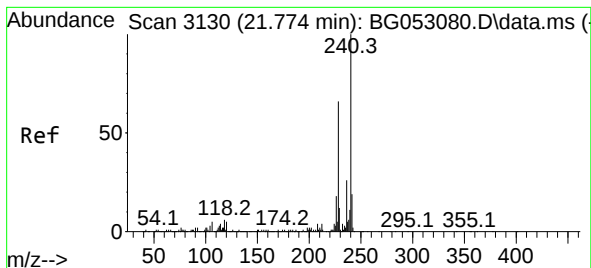
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 Ion Ratio Lower Upper
 178 100
 176 18.5 14.7 22.1
 179 18.4 13.2 19.8



#75
 Fluoranthene
 Concen: 3.071 ng
 RT: 19.539 min Scan# 2749
 Delta R.T. 0.003 min
 Lab File: BG053206.D
 Acq: 19 Apr 2022 21:50

Tgt Ion:202 Resp: 39135
 Ion Ratio Lower Upper
 202 100
 101 8.5 0.0 27.3
 203 27.6 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.783 min Scan# 3130

Delta R.T. 0.009 min

Lab File: BG053206.D

Acq: 19 Apr 2022 21:50

Instrument :

BNA_G

ClientSampleId :

WC-15-1-6

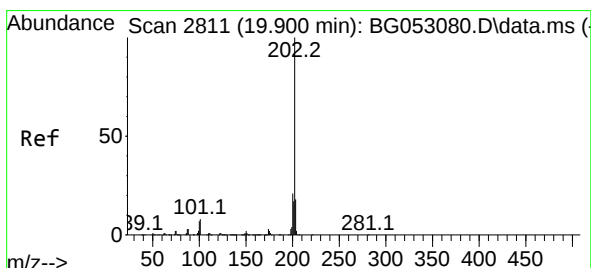
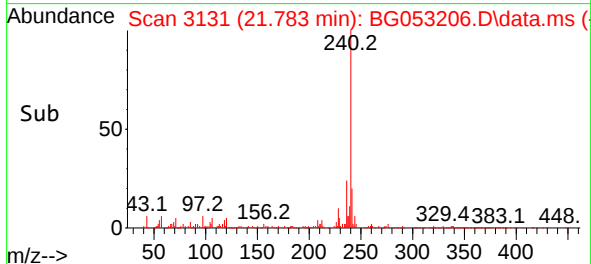
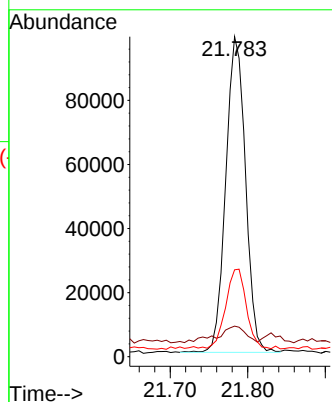
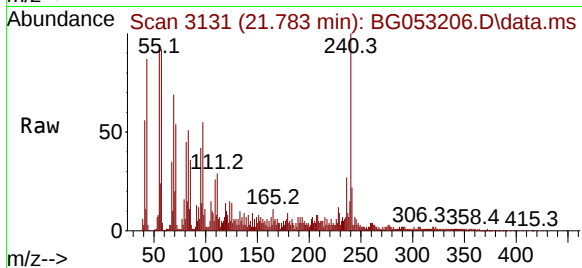
Tgt Ion:240 Resp: 174172

Ion Ratio Lower Upper

240 100

120 9.6 5.4 8.0#

236 27.2 19.8 29.6



#78

Pyrene

Concen: 4.922 ng

RT: 19.903 min Scan# 2811

Delta R.T. 0.003 min

Lab File: BG053206.D

Acq: 19 Apr 2022 21:50

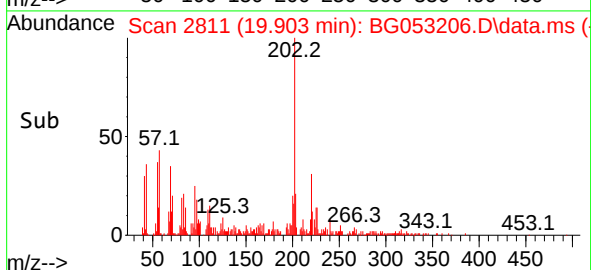
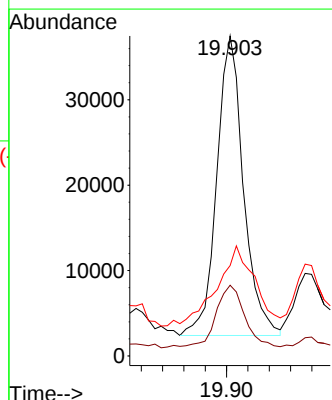
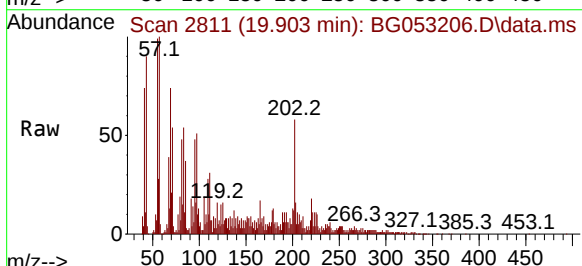
Tgt Ion:202 Resp: 61058

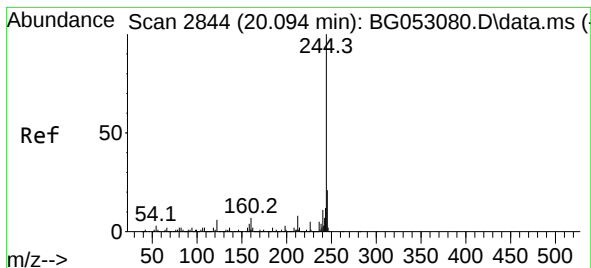
Ion Ratio Lower Upper

202 100

200 22.1 17.0 25.6

203 28.3 15.0 22.6#





#79

Terphenyl-d14

Concen: 56.365 ng

RT: 20.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG053206.D

Acq: 19 Apr 2022 21:50

Instrument :

BNA_G

ClientSampleId :

WC-15-1-6

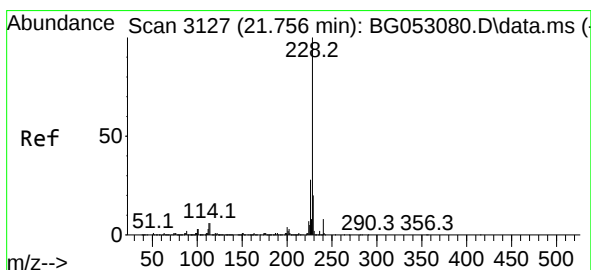
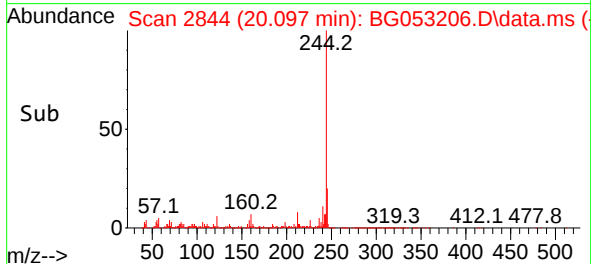
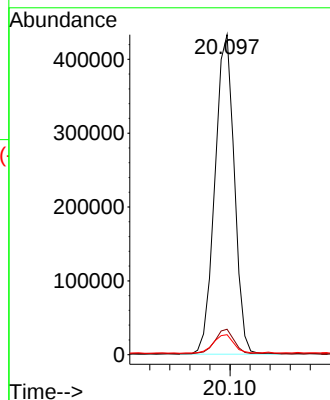
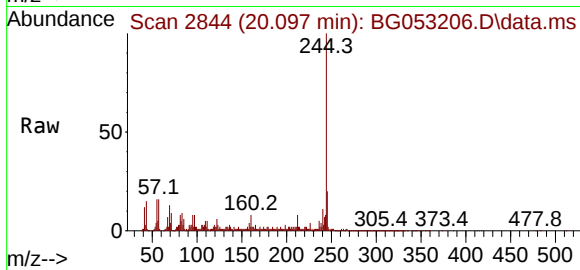
Tgt Ion:244 Resp: 581277

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

122 6.3 5.8 8.6



#81

Benzo(a)anthracene

Concen: 3.036 ng

RT: 21.765 min Scan# 3128

Delta R.T. 0.009 min

Lab File: BG053206.D

Acq: 19 Apr 2022 21:50

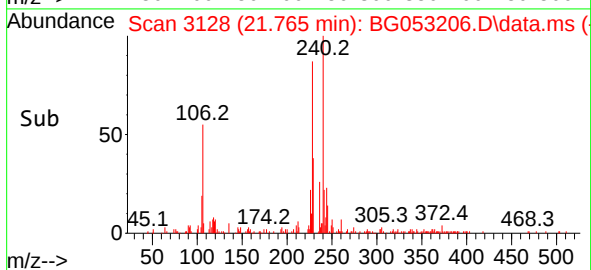
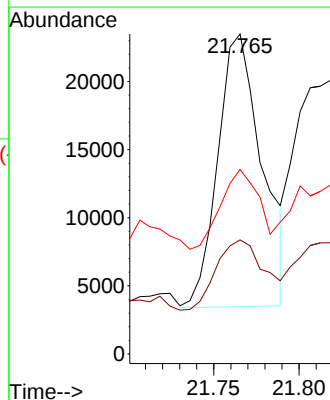
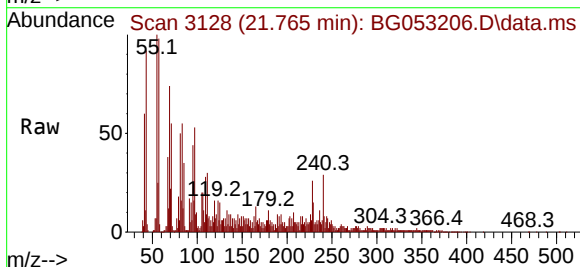
Tgt Ion:228 Resp: 36151

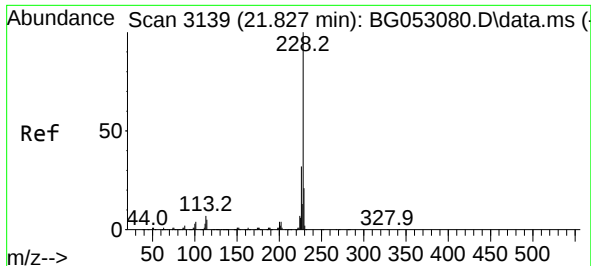
Ion Ratio Lower Upper

228 100

226 35.7 21.4 32.0#

229 57.7 16.7 25.1#





#83

Chrysene

Concen: 4.954 ng

RT: 21.830 min Scan# 3139

Delta R.T. 0.003 min

Lab File: BG053206.D

Acq: 19 Apr 2022 21:50

Instrument :

BNA_G

ClientSampleId :

WC-15-1-6

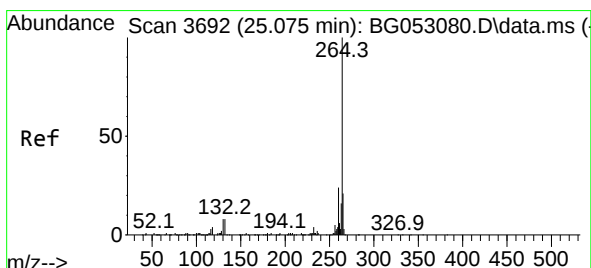
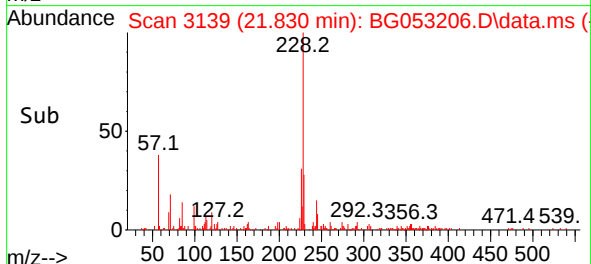
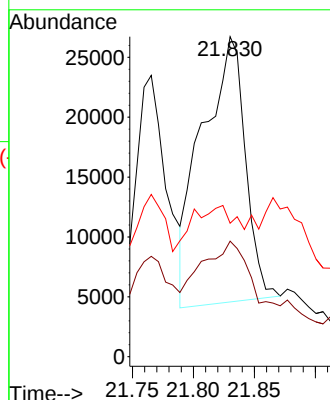
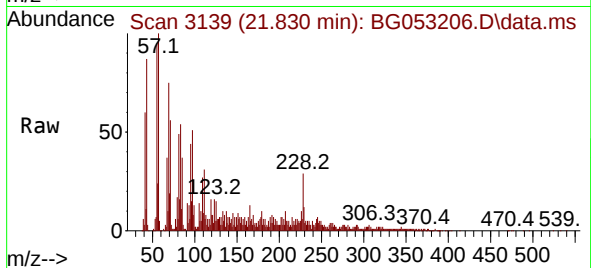
Tgt Ion:228 Resp: 54753

Ion Ratio Lower Upper

228 100

226 36.1 24.2 36.4

229 41.7 16.3 24.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.114 min Scan# 3698

Delta R.T. 0.038 min

Lab File: BG053206.D

Acq: 19 Apr 2022 21:50

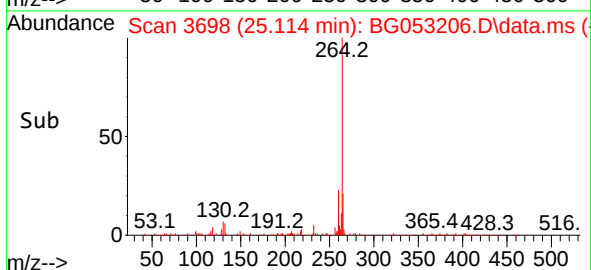
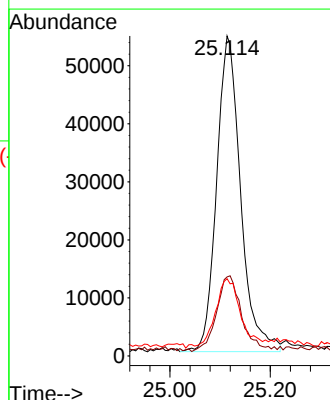
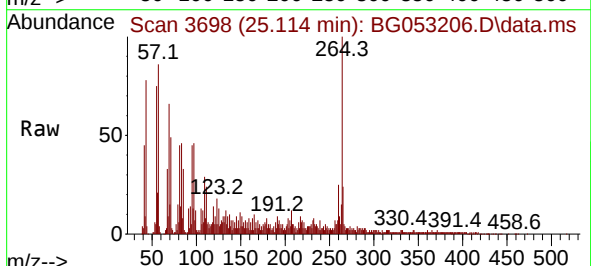
Tgt Ion:264 Resp: 180380

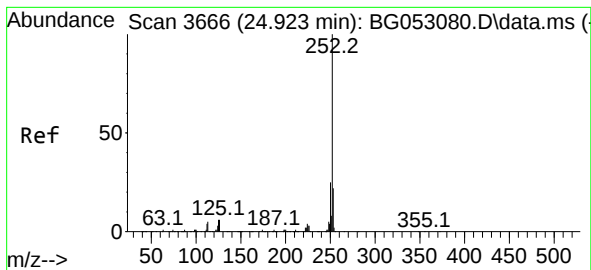
Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.2

265 24.1 15.1 22.7#





#90

Benzo(a)pyrene

Concen: 2.229 ng

RT: 24.955 min Scan# 3

Delta R.T. 0.033 min

Lab File: BG053206.D

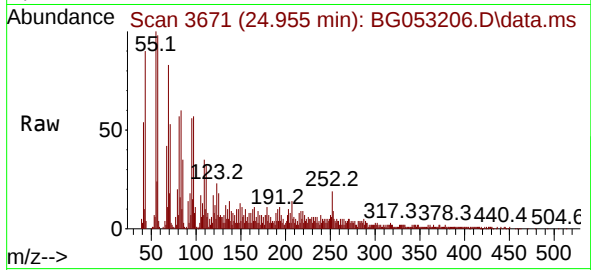
Acq: 19 Apr 2022 21:50

Instrument :

BNA_G

ClientSampleId :

WC-15-1-6



Tgt Ion:252 Resp: 21610

Ion Ratio Lower Upper

252 100

253 48.0 18.4 27.6#

125 96.8 5.6 8.4#

