

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053205.D
 Acq On : 19 Apr 2022 21:11
 Operator : CG/JU
 Sample : N2452-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-4

Quant Time: Apr 20 05:43:19 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)

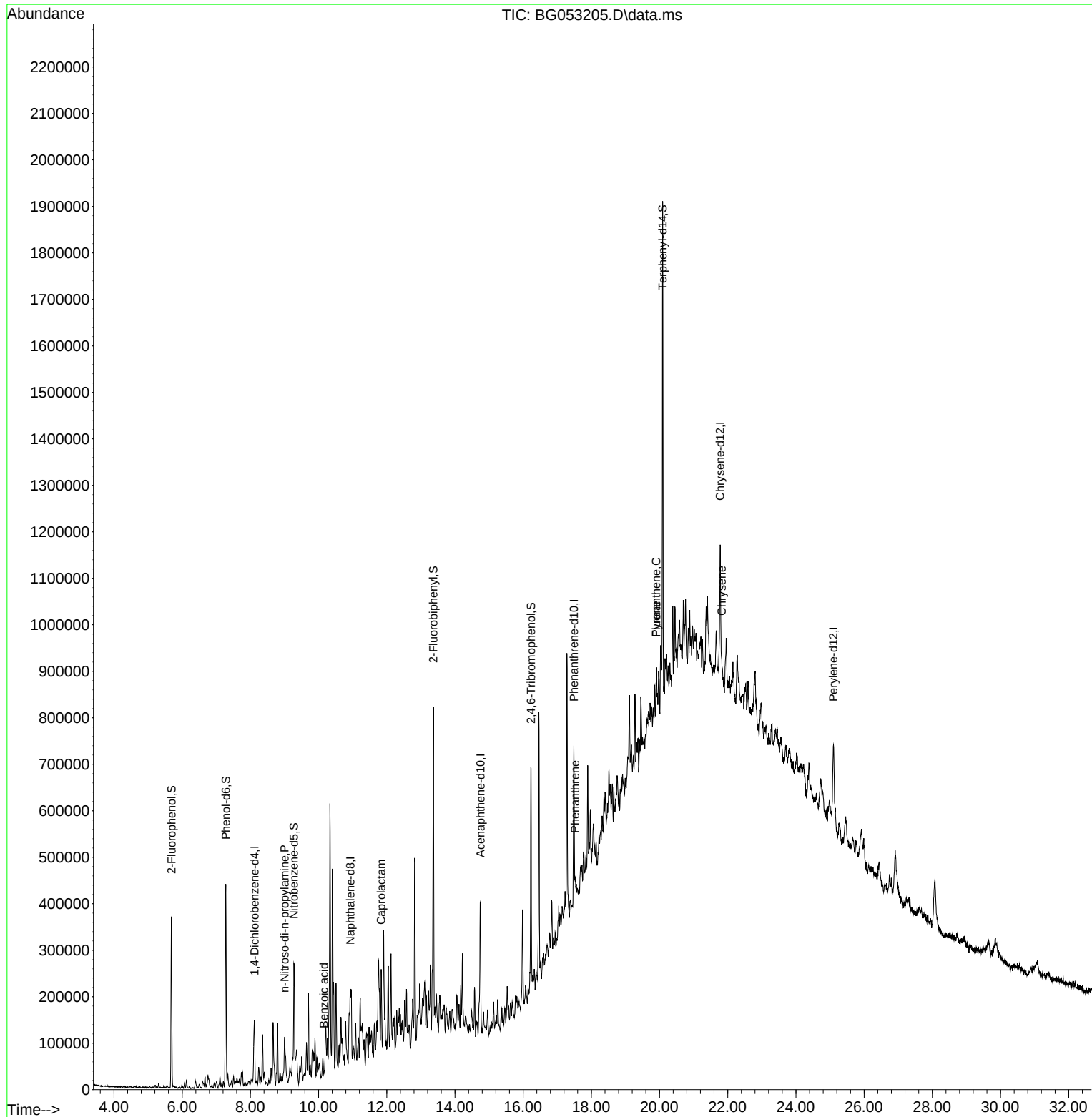
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	34388	20.000	ng	0.00
21) Naphthalene-d8	10.933	136	137086	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	94698	20.000	ng	0.00
64) Phenanthrene-d10	17.489	188	183536	20.000	ng	0.00
76) Chrysene-d12	21.777	240	176672	20.000	ng	0.00
86) Perylene-d12	25.096	264	188154	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	151330	75.435	ng	0.00
7) Phenol-d6	7.279	99	229428	74.162	ng	0.00
23) Nitrobenzene-d5	9.277	82	168429	49.887	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	104293	69.224	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	375057	54.612	ng	0.00
79) Terphenyl-d14	20.092	244	528884	50.559	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.007	70	14257	6.295	ng	# 57
32) Benzoic acid	10.158	122	72	3.681	ng	# 43
35) Caprolactam	11.838	113	2267	2.601	ng	# 1
71) Phenanthrene	17.530	178	20059	2.001	ng	# 87
75) Fluoranthene	19.904	202	31621	2.461	ng	74
78) Pyrene	19.904	202	31621	2.513	ng	# 84
83) Chrysene	21.824	228	42421	3.784	ng	# 59

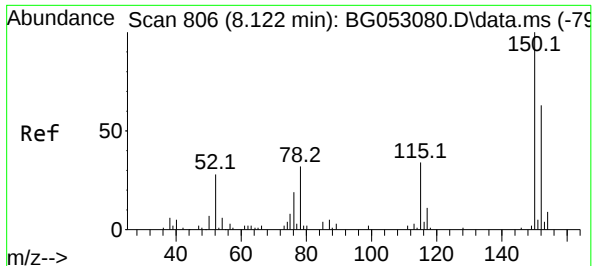
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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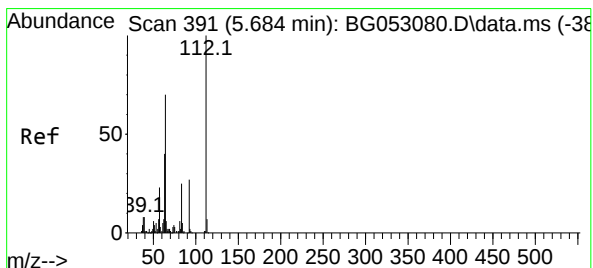
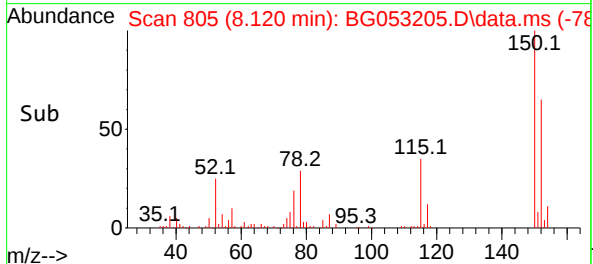
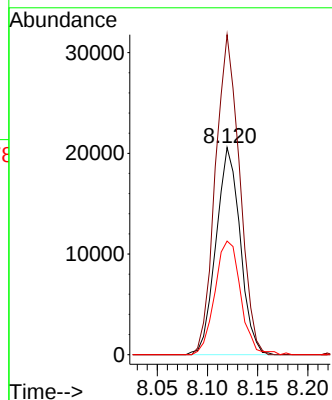
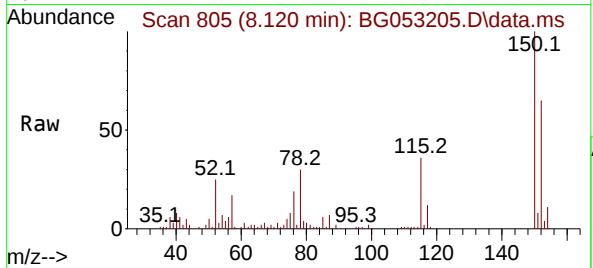




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

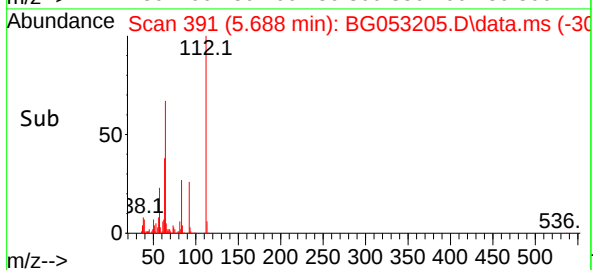
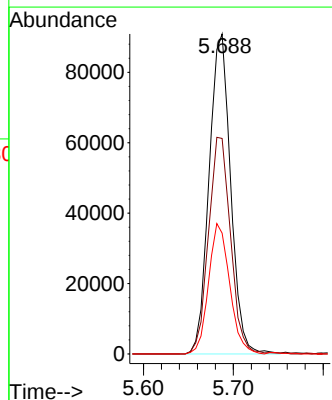
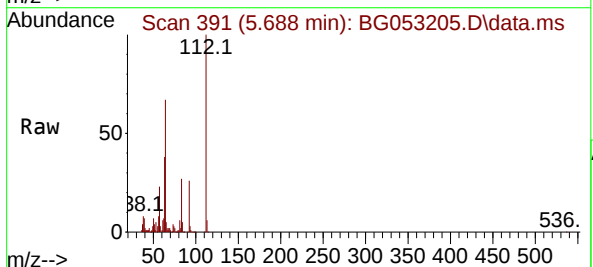
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

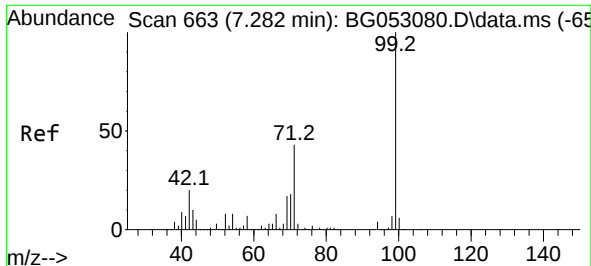
Tgt Ion:152 Resp: 34388
Ion Ratio Lower Upper
152 100
150 154.4 114.6 172.0
115 54.8 45.9 68.9



#5
2-Fluorophenol
Concen: 75.435 ng
RT: 5.688 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

Tgt Ion:112 Resp: 151330
Ion Ratio Lower Upper
112 100
64 67.4 48.0 72.0
63 37.8 26.5 39.7

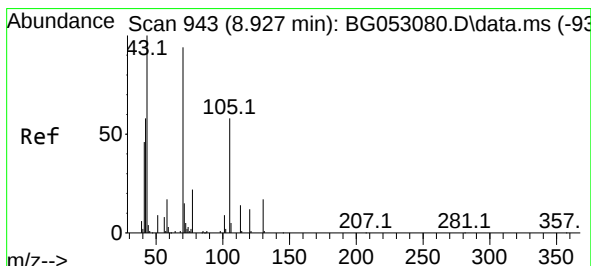
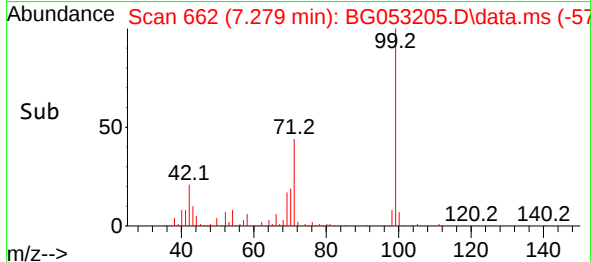
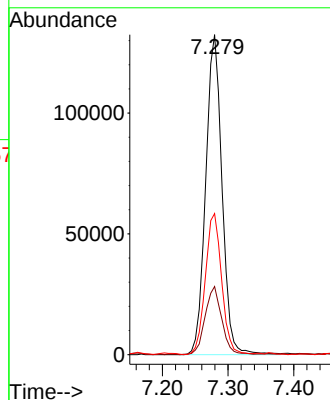
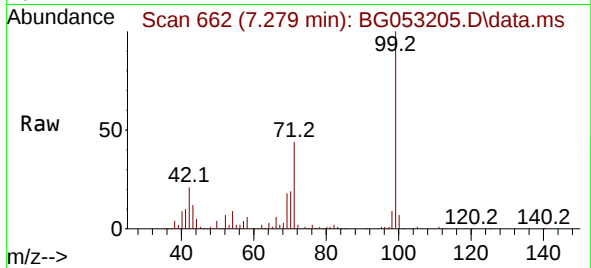




#7
Phenol-d6
Concen: 74.162 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

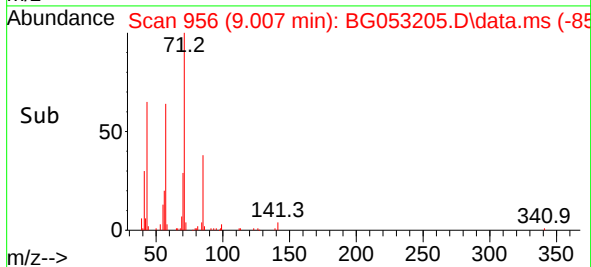
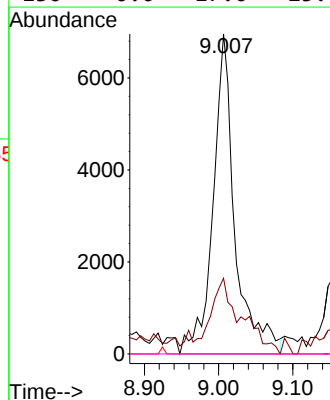
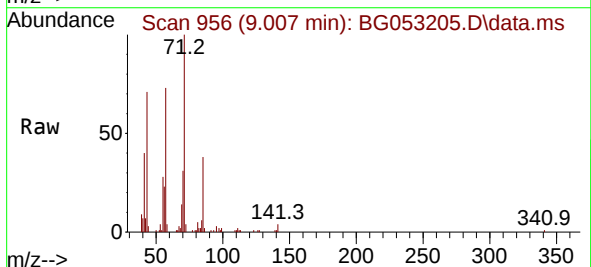
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

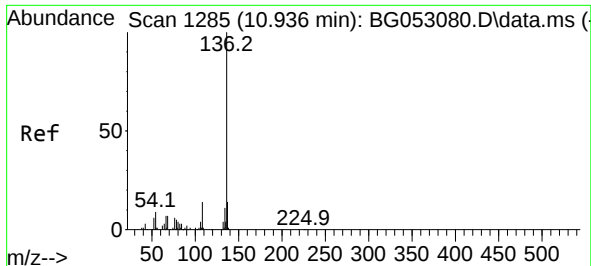
Tgt Ion: 99 Resp: 229428
Ion Ratio Lower Upper
99 100
42 21.3 14.7 22.1
71 44.1 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 6.295 ng
RT: 9.007 min Scan# 956
Delta R.T. 0.080 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

Tgt Ion: 70 Resp: 14257
Ion Ratio Lower Upper
70 100
42 23.6 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

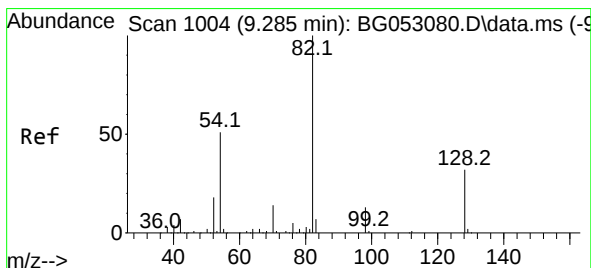
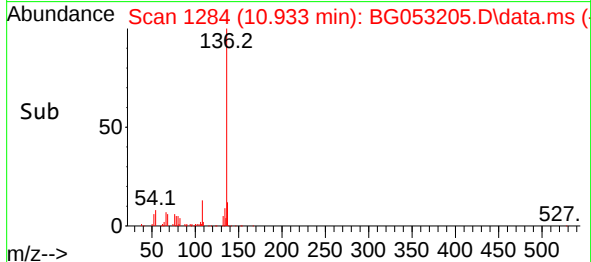
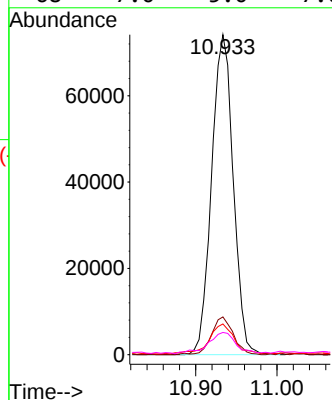
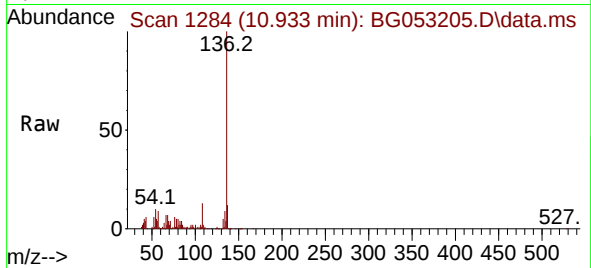




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

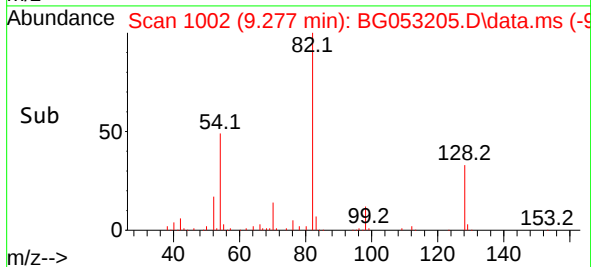
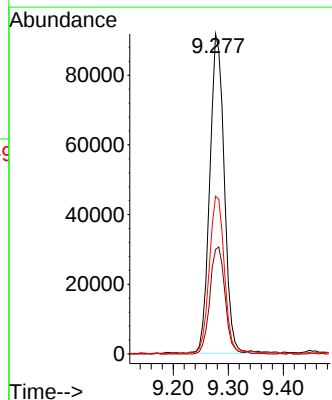
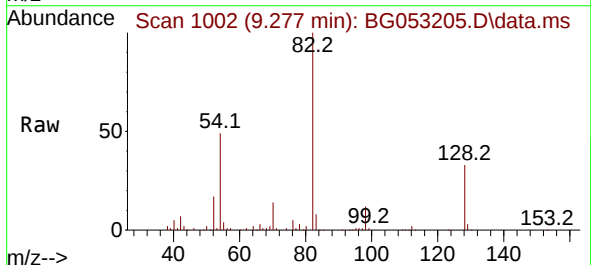
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

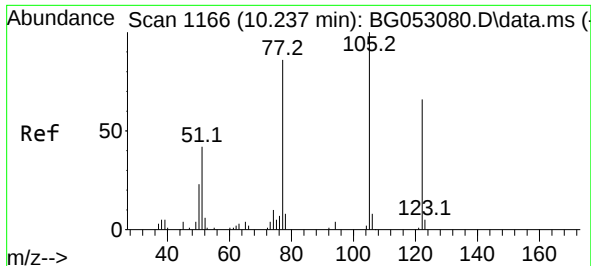
Tgt Ion:136 Resp: 137086
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 9.6 6.4 9.6
68 7.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 49.887 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

Tgt Ion: 82 Resp: 168429
Ion Ratio Lower Upper
82 100
128 32.6 31.3 46.9
54 49.3 37.8 56.8





#32

Benzoic acid

Concen: 3.681 ng

RT: 10.158 min Scan# 1166

Delta R.T. -0.079 min

Lab File: BG053205.D

Acq: 19 Apr 2022 21:11

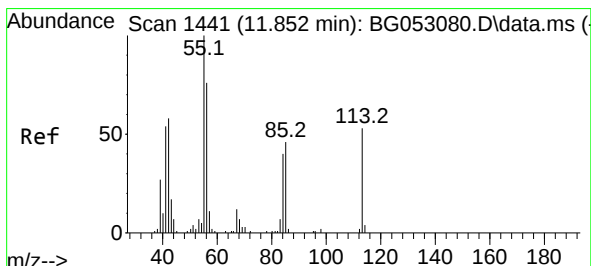
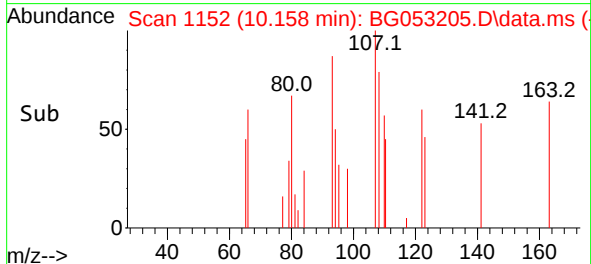
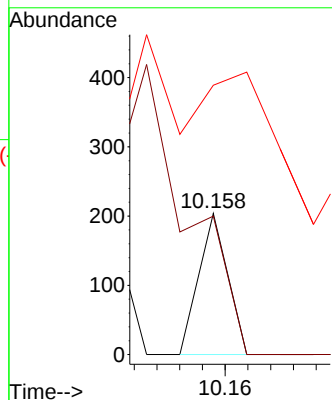
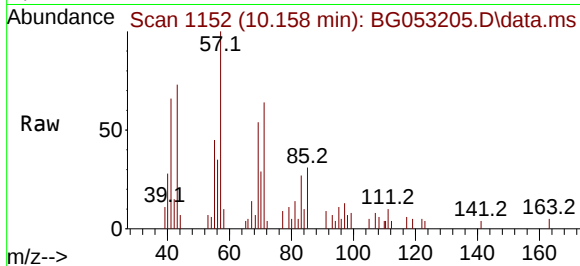
Instrument :

BNA_G

ClientSampleId :

WC-15-1-4

Tgt Ion:	122	Resp:	72
Ion	Ratio	Lower	Upper
122	100		
105	98.0	112.8	152.8#
77	190.7	78.4	118.4#



#35

Caprolactam

Concen: 2.601 ng

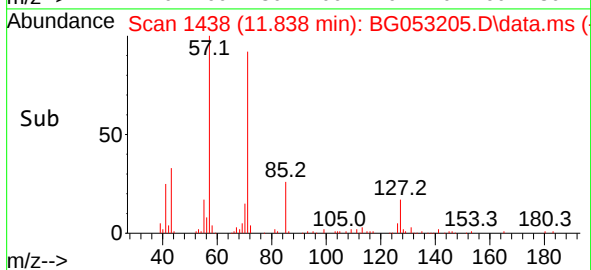
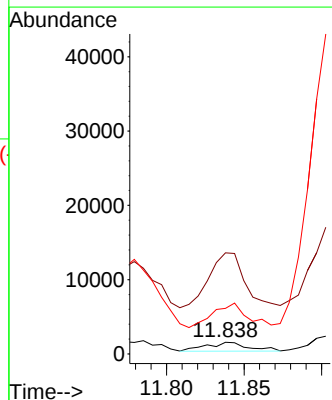
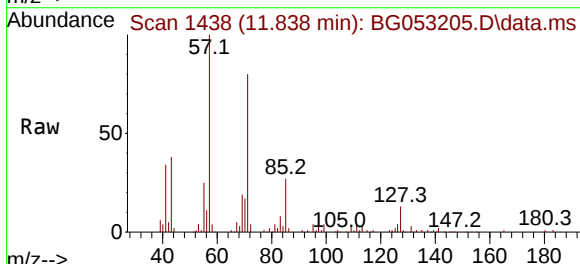
RT: 11.838 min Scan# 1438

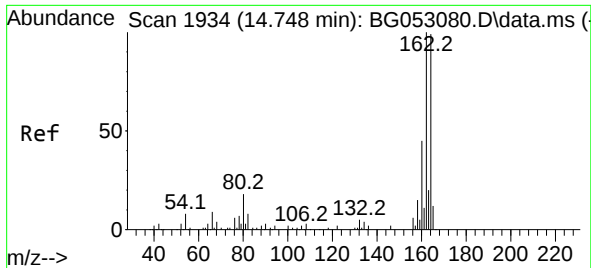
Delta R.T. -0.014 min

Lab File: BG053205.D

Acq: 19 Apr 2022 21:11

Tgt Ion:	113	Resp:	2267
Ion	Ratio	Lower	Upper
113	100		
55	864.3	151.3	191.3#
56	389.4	128.5	168.5#

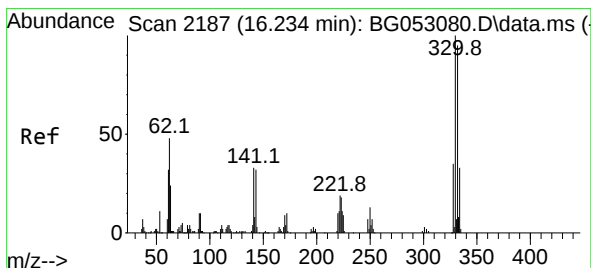
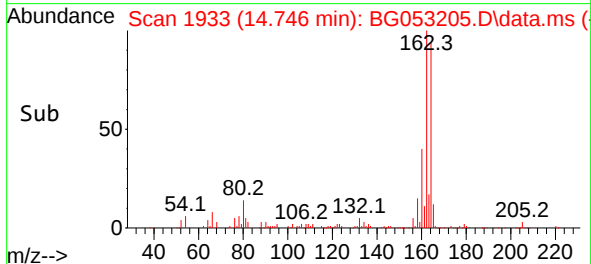
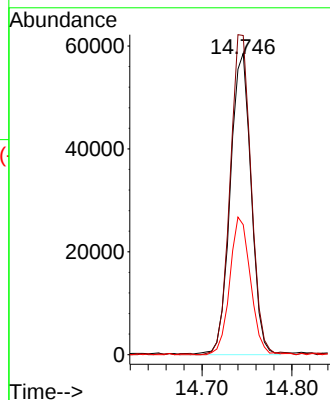
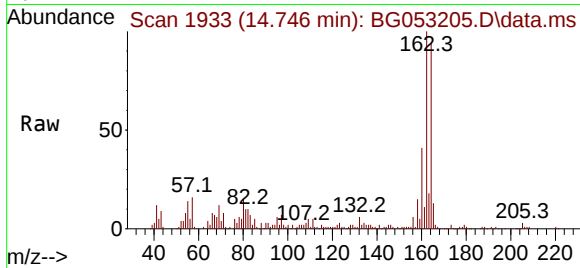




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.746 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

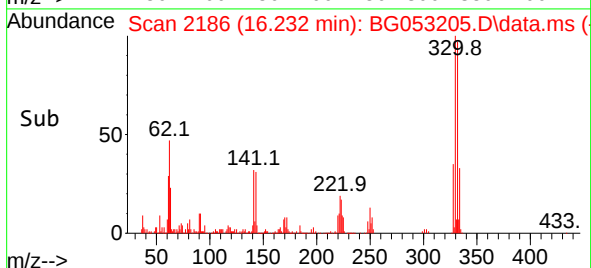
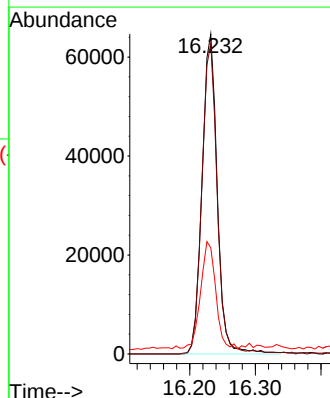
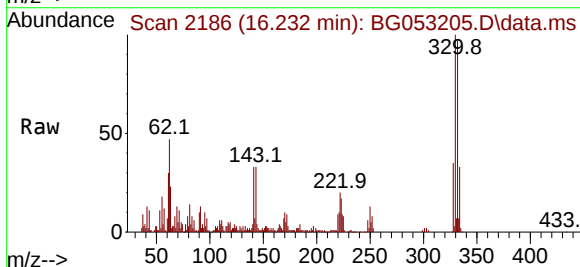
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

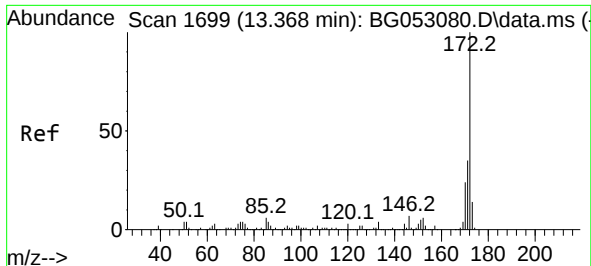
Tgt Ion:164 Resp: 94698
Ion Ratio Lower Upper
164 100
162 105.9 80.0 120.0
160 43.1 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 69.224 ng
RT: 16.232 min Scan# 2186
Delta R.T. -0.002 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

Tgt Ion:330 Resp: 104293
Ion Ratio Lower Upper
330 100
332 98.0 75.8 113.6
141 33.2 24.6 36.8

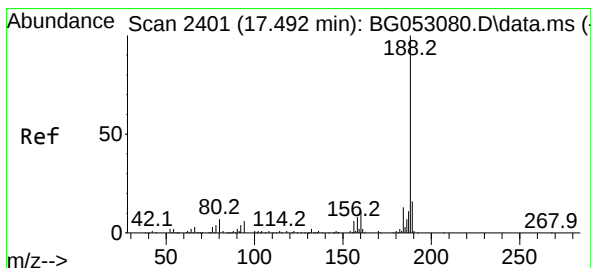
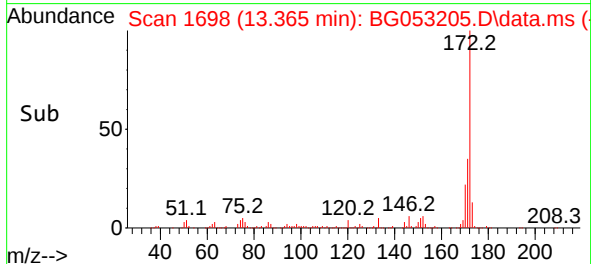
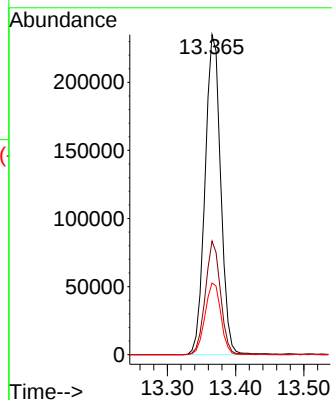
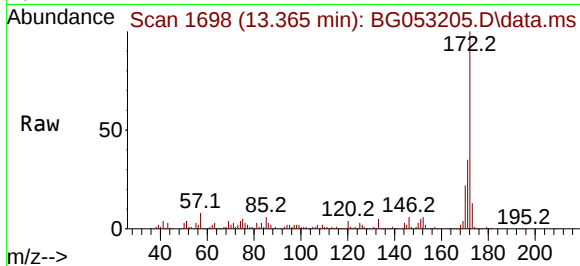




#45
2-Fluorobiphenyl
Concen: 54.612 ng
RT: 13.365 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

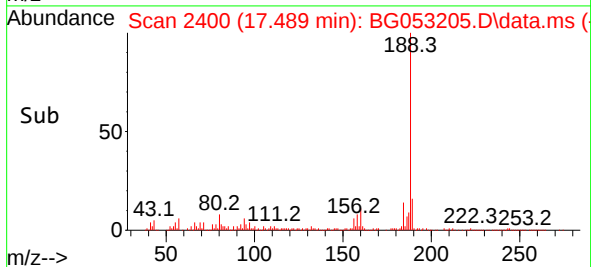
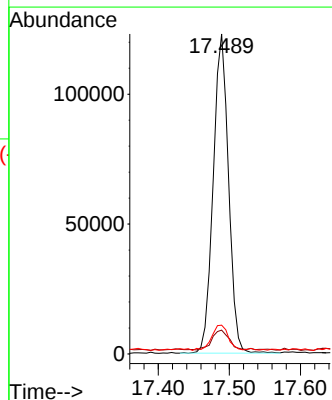
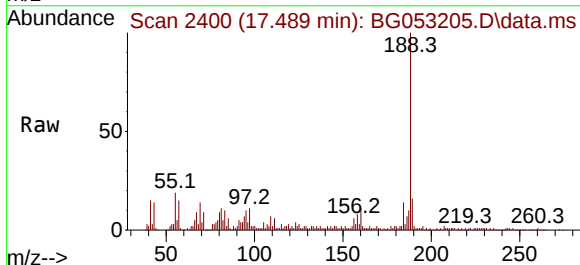
Instrument :
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ClientSampleId :
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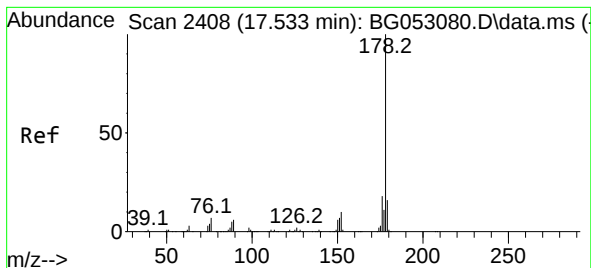
Tgt Ion:172 Resp: 375057
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 22.4 18.0 27.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.489 min Scan# 2400
Delta R.T. -0.002 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

Tgt Ion:188 Resp: 183536
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 9.0 7.2 10.8





#71

Phenanthrene

Concen: 2.001 ng

RT: 17.530 min Scan# 2408

Delta R.T. -0.002 min

Lab File: BG053205.D

Acq: 19 Apr 2022 21:11

Instrument :

BNA_G

ClientSampleId :

WC-15-1-4

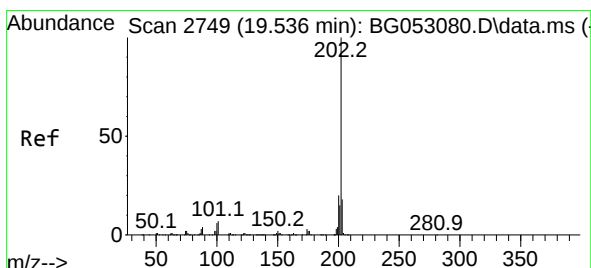
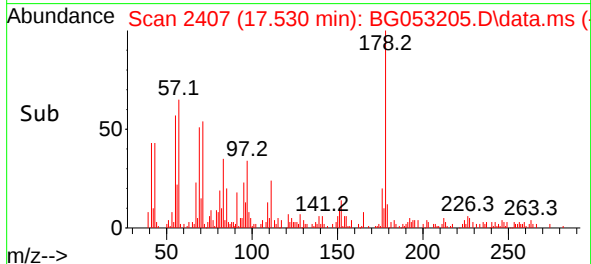
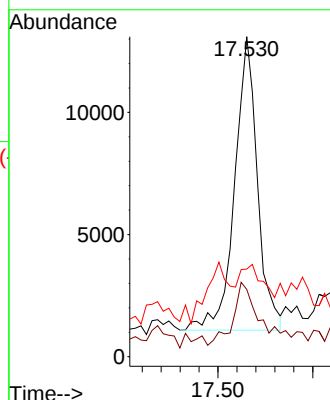
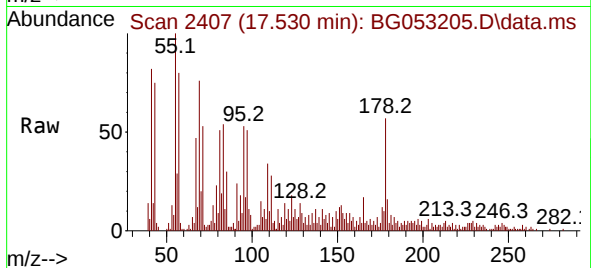
Tgt Ion:178 Resp: 20059

Ion Ratio Lower Upper

178 100

176 21.0 15.9 23.9

179 27.4 13.4 20.2#



#75

Fluoranthene

Concen: 2.461 ng

RT: 19.904 min Scan# 2811

Delta R.T. 0.368 min

Lab File: BG053205.D

Acq: 19 Apr 2022 21:11

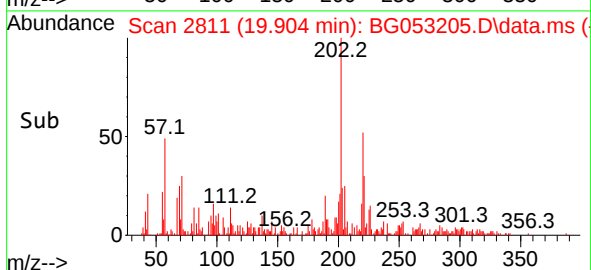
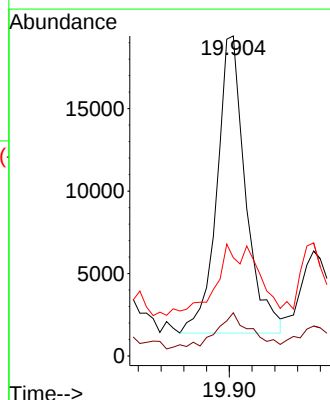
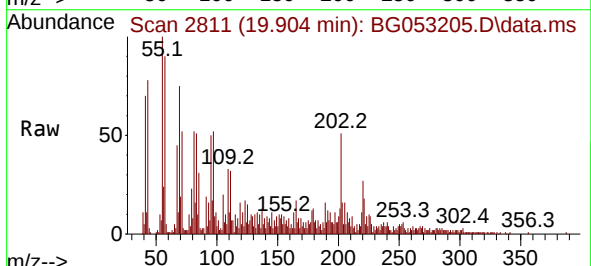
Tgt Ion:202 Resp: 31621

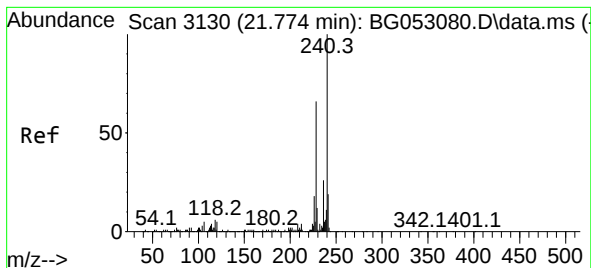
Ion Ratio Lower Upper

202 100

101 13.5 0.0 27.3

203 30.7 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.777 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG053205.D

Acq: 19 Apr 2022 21:11

Instrument :

BNA_G

ClientSampleId :

WC-15-1-4

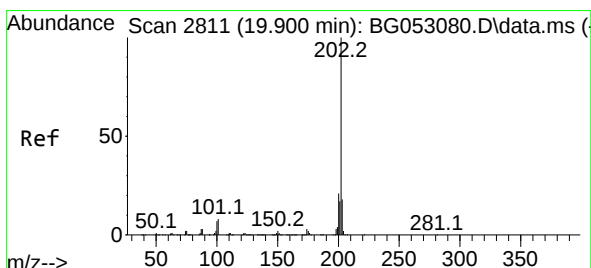
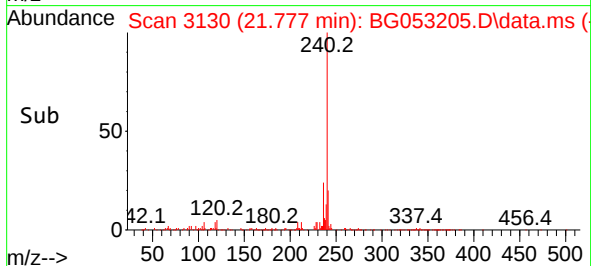
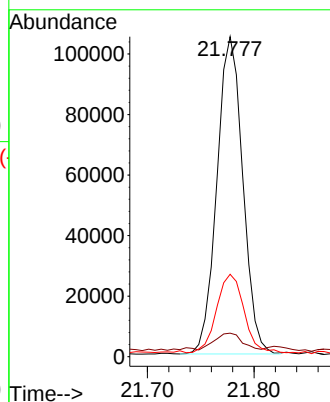
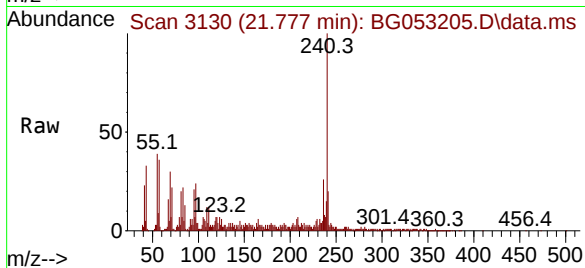
Tgt Ion:240 Resp: 176672

Ion Ratio Lower Upper

240 100

120 7.4 5.4 8.0

236 25.7 19.8 29.6



#78

Pyrene

Concen: 2.513 ng

RT: 19.904 min Scan# 2811

Delta R.T. 0.003 min

Lab File: BG053205.D

Acq: 19 Apr 2022 21:11

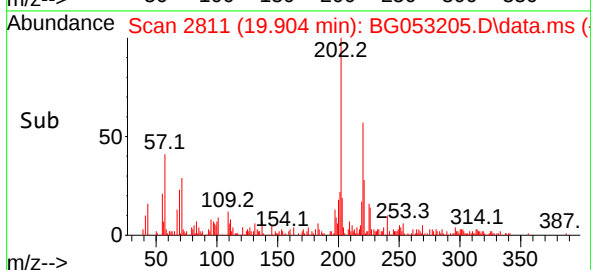
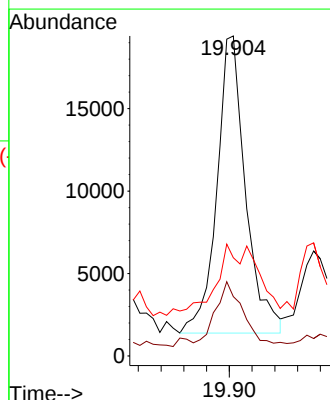
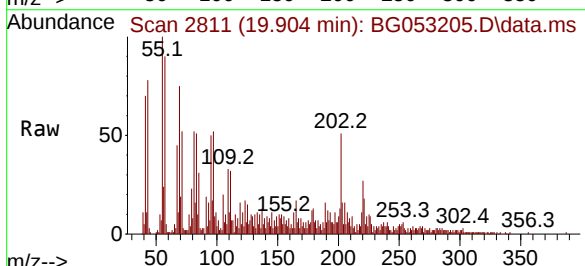
Tgt Ion:202 Resp: 31621

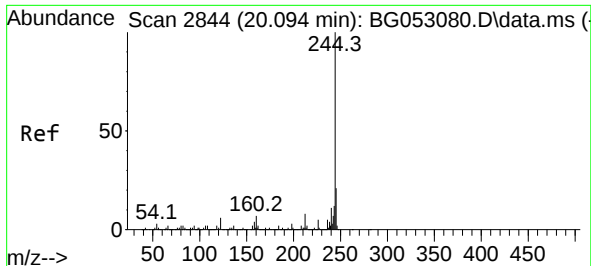
Ion Ratio Lower Upper

202 100

200 18.5 17.0 25.6

203 30.7 15.0 22.6#

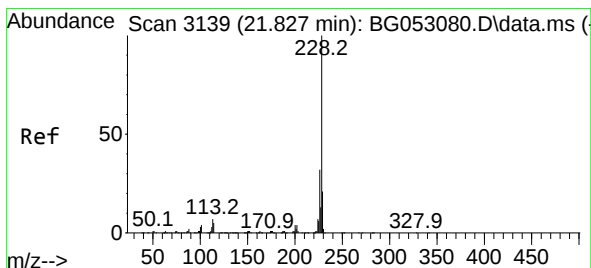
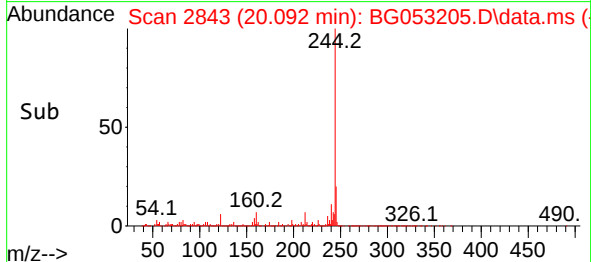
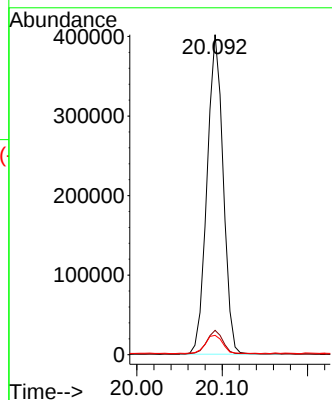
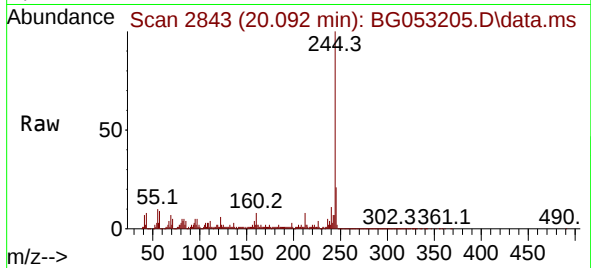




#79
 Terphenyl-d14
 Concen: 50.559 ng
 RT: 20.092 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053205.D
 Acq: 19 Apr 2022 21:11

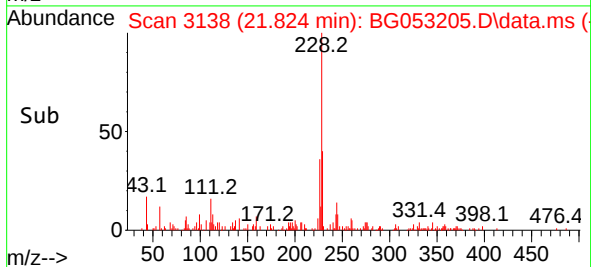
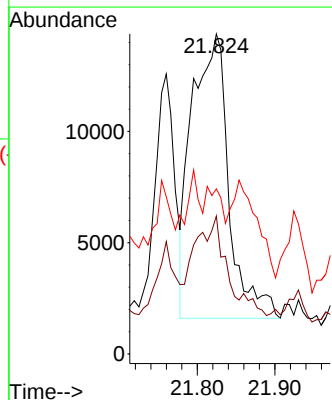
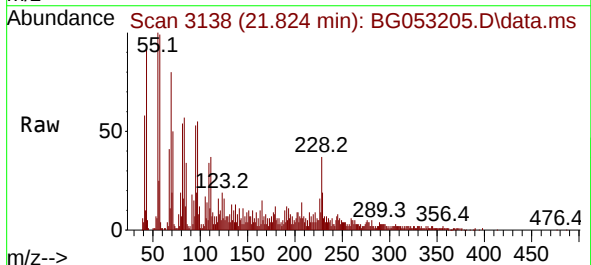
Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-4

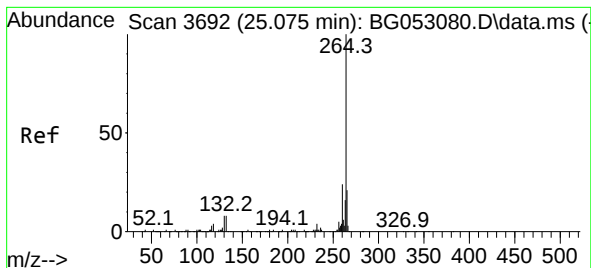
Tgt Ion:244 Resp: 528884
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.1 5.8 8.6



#83
 Chrysene
 Concen: 3.784 ng
 RT: 21.824 min Scan# 3138
 Delta R.T. -0.002 min
 Lab File: BG053205.D
 Acq: 19 Apr 2022 21:11

Tgt Ion:228 Resp: 42421
 Ion Ratio Lower Upper
 228 100
 226 43.1 24.2 36.4#
 229 51.6 16.3 24.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.096 min Scan# 30

Delta R.T. 0.021 min

Lab File: BG053205.D

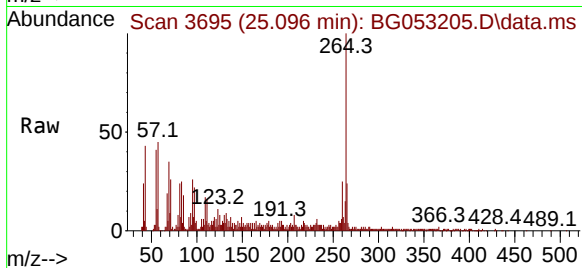
Acq: 19 Apr 2022 21:11

Instrument :

BNA_G

ClientSampleId :

WC-15-1-4



Tgt Ion:264 Resp: 188154

Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.2

265 24.1 15.1 22.7#

