

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
 Data File : BG053063.D
 Acq On : 6 Apr 2022 20:23
 Operator : CG/JU
 Sample : N2254-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14A-1A-4-3

Quant Time: Apr 07 04:11:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

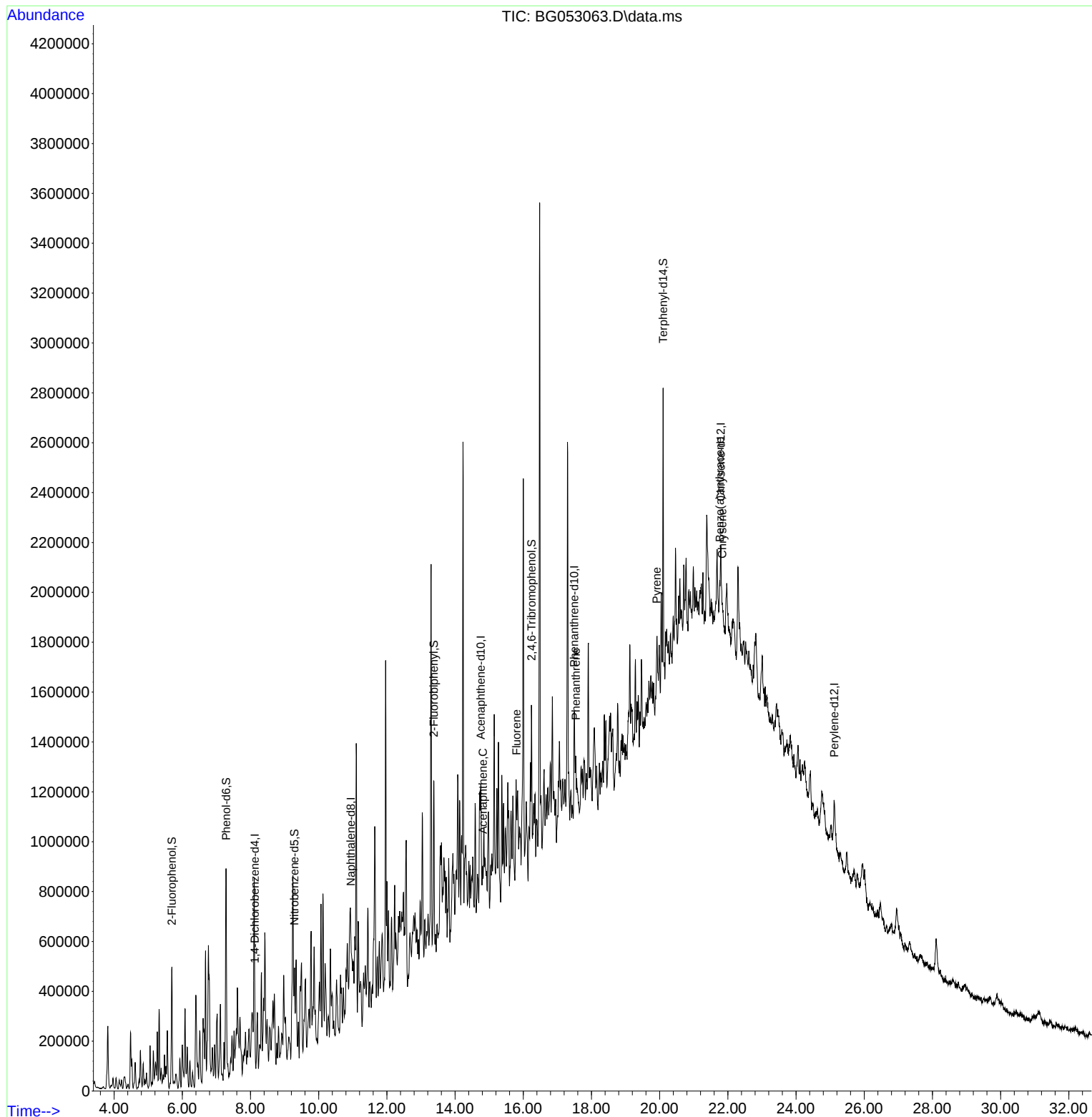
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	33507	20.000	ng	0.00
21) Naphthalene-d8	10.942	136	127616	20.000	ng	# 0.00
39) Acenaphthene-d10	14.755	164	86801	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	172439	20.000	ng	# 0.00
76) Chrysene-d12	21.792	240	175593	20.000	ng	# 0.01
86) Perylene-d12	25.123	264	184297	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	165389	85.960	ng	0.00
7) Phenol-d6	7.289	99	234039	80.685	ng	0.00
23) Nitrobenzene-d5	9.286	82	185782	73.066	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	101142	86.715	ng	0.00
45) 2-Fluorobiphenyl	13.380	172	343620	58.385	ng	0.00
79) Terphenyl-d14	20.101	244	533018	53.997	ng	0.00
Target Compounds						
						Qvalue
52) Acenaphthene	14.820	154	14132	2.895	ng	# 72
58) Fluorene	15.801	166	38936	5.991	ng	# 88
71) Phenanthrene	17.545	178	103513	11.221	ng	# 91
78) Pyrene	19.913	202	77542	6.366	ng	# 86
81) Benzo(a)anthracene	21.769	228	31242	2.657	ng	# 33
83) Chrysene	21.834	228	57057	5.162	ng	# 61

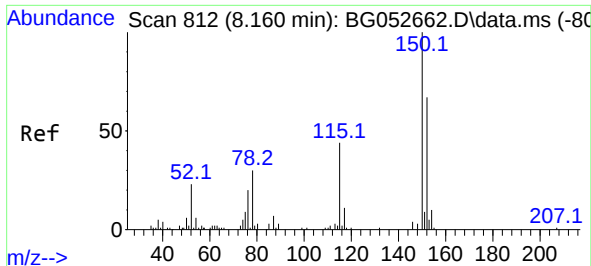
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
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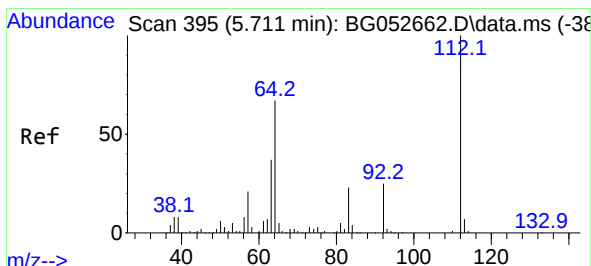
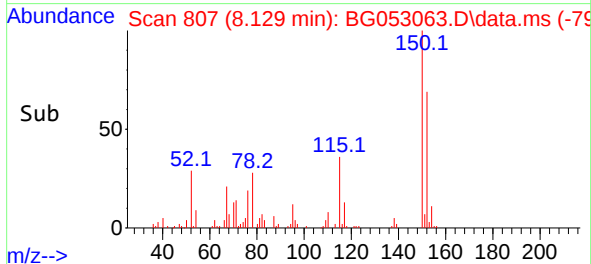
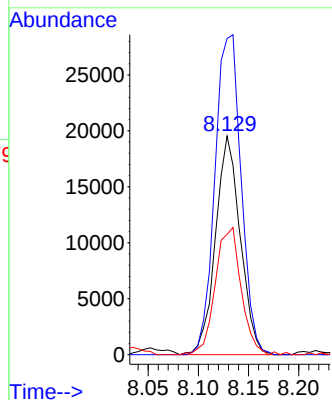
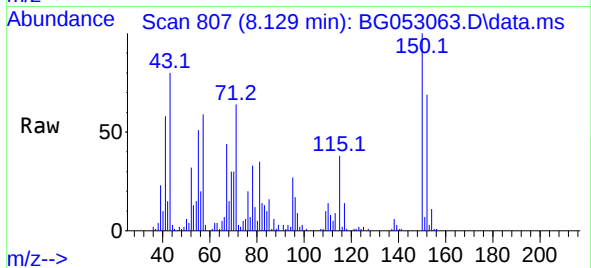




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

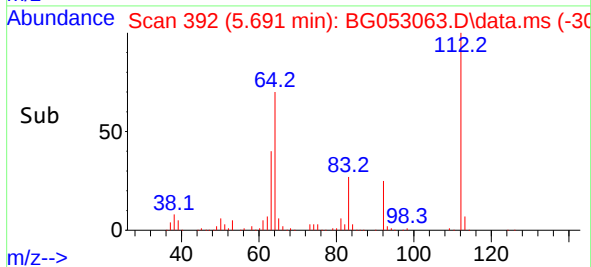
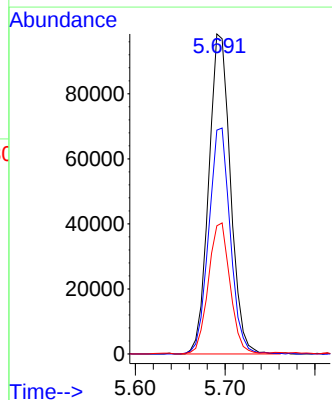
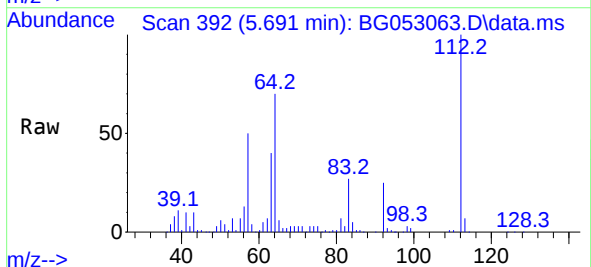
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-4-3

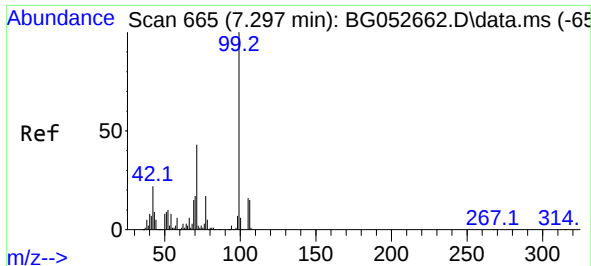
Tgt Ion:152 Resp: 33507
Ion Ratio Lower Upper
152 100
150 144.7 114.6 172.0
115 55.1 45.9 68.9



#5
2-Fluorophenol
Concen: 85.960 ng
RT: 5.691 min Scan# 392
Delta R.T. 0.007 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

Tgt Ion:112 Resp: 165389
Ion Ratio Lower Upper
112 100
64 69.9 48.0 72.0
63 40.1 26.5 39.7#

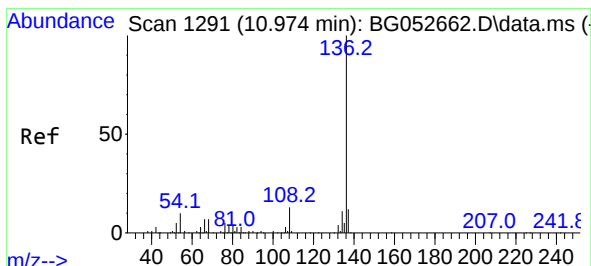
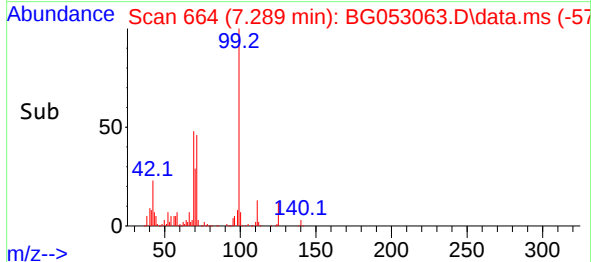
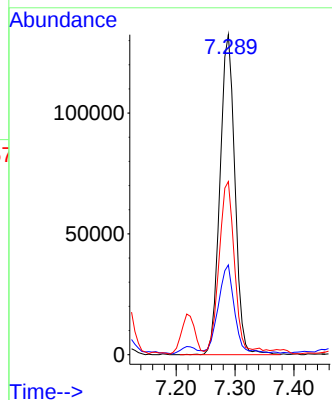
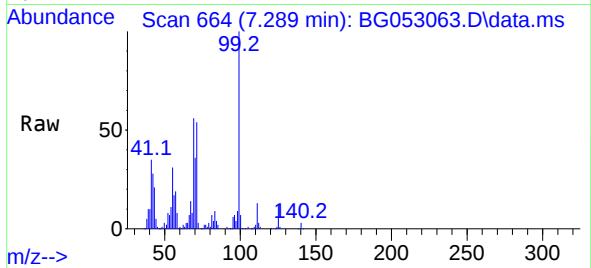




#7
Phenol-d6
Concen: 80.685 ng
RT: 7.289 min Scan# 60
Delta R.T. 0.007 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

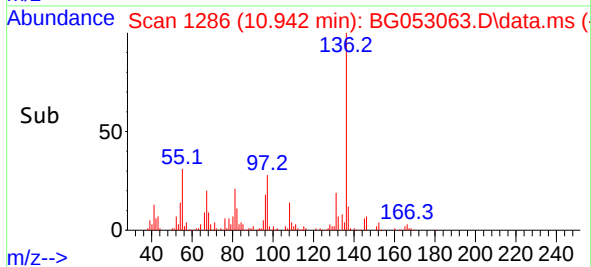
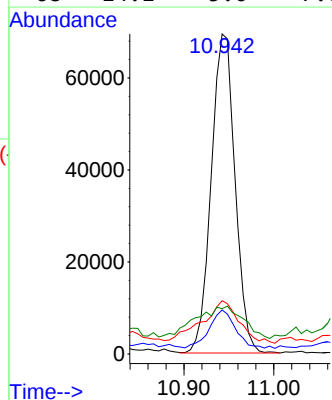
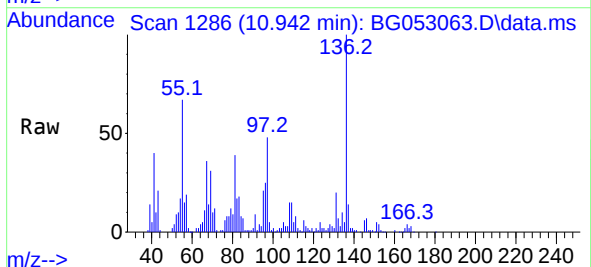
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-4-3

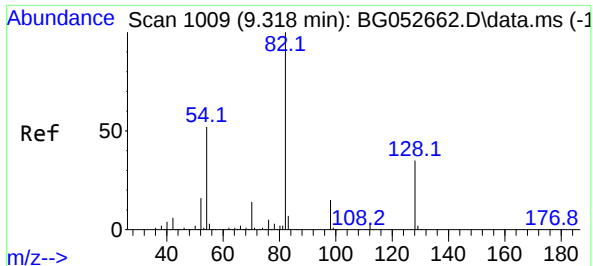
Tgt Ion: 99 Resp: 234039
Ion Ratio Lower Upper
99 100
42 28.1 14.7 22.1#
71 54.1 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.942 min Scan# 1286
Delta R.T. 0.001 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

Tgt Ion: 136 Resp: 127616
Ion Ratio Lower Upper
136 100
137 13.7 9.4 14.2
54 16.7 6.4 9.6#
68 14.1 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 73.066 ng

RT: 9.286 min Scan# 1004

Delta R.T. -0.005 min

Lab File: BG053063.D

Acq: 6 Apr 2022 20:23

Instrument :

BNA_G

ClientSampleId :

WC-14A-1A-4-3

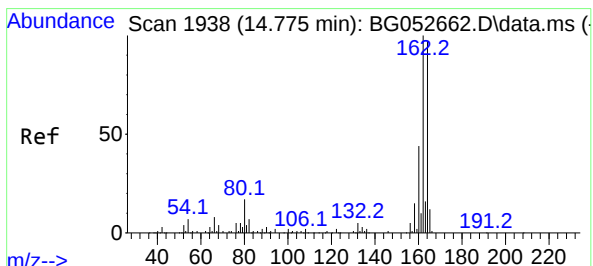
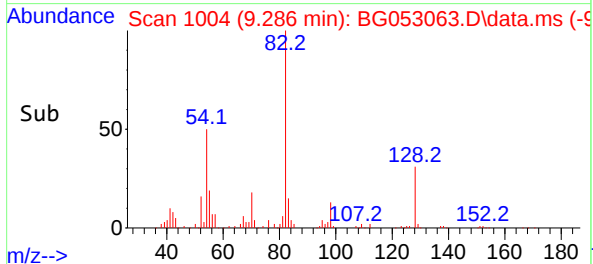
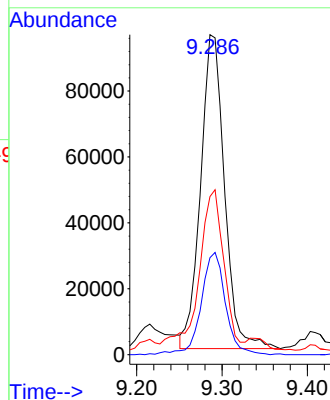
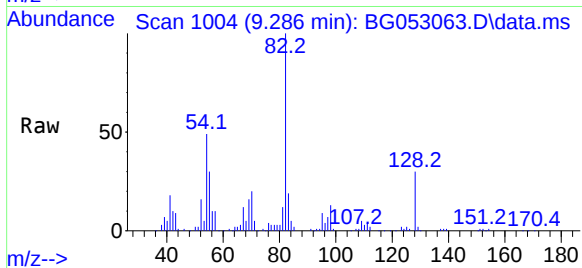
Tgt Ion: 82 Resp: 185782

Ion Ratio Lower Upper

82 100

128 30.3 31.3 46.9#

54 49.4 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.755 min Scan# 1935

Delta R.T. 0.007 min

Lab File: BG053063.D

Acq: 6 Apr 2022 20:23

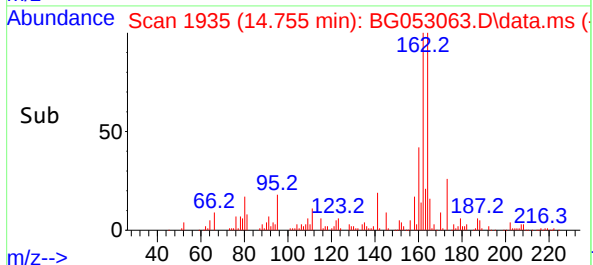
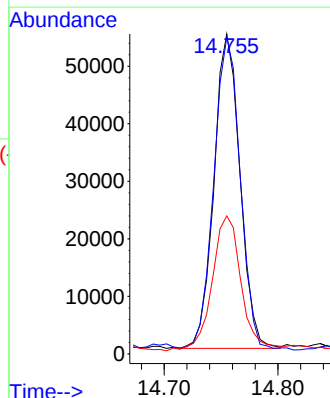
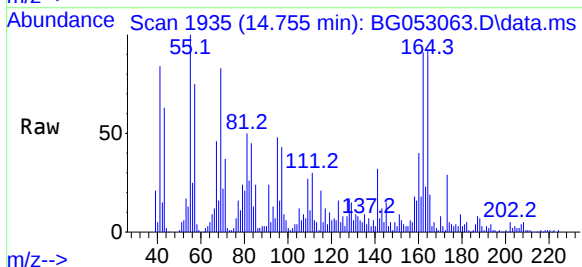
Tgt Ion:164 Resp: 86801

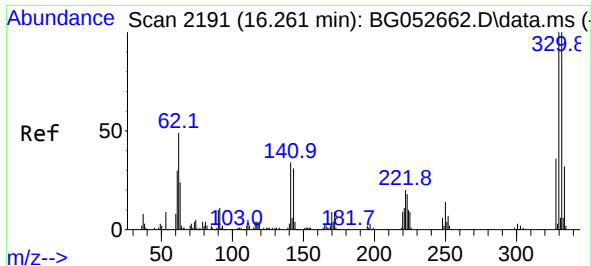
Ion Ratio Lower Upper

164 100

162 98.9 80.0 120.0

160 43.1 38.8 58.2

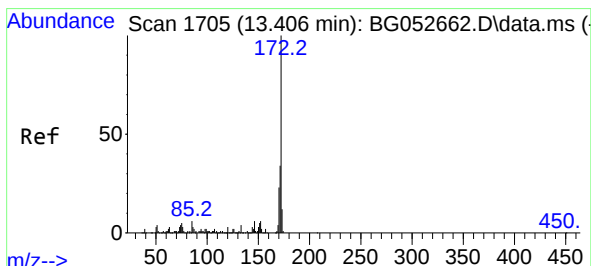
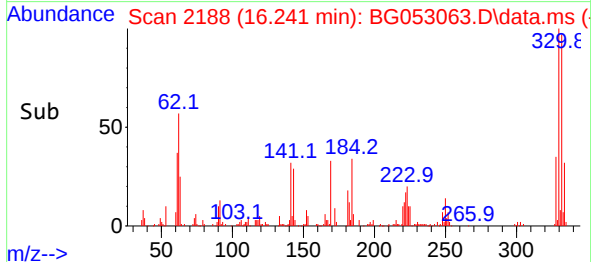
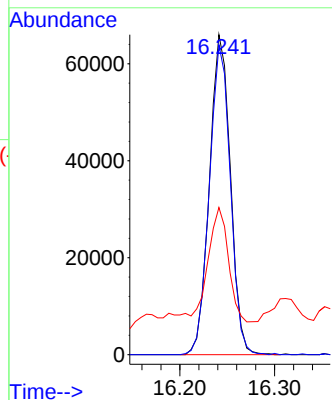
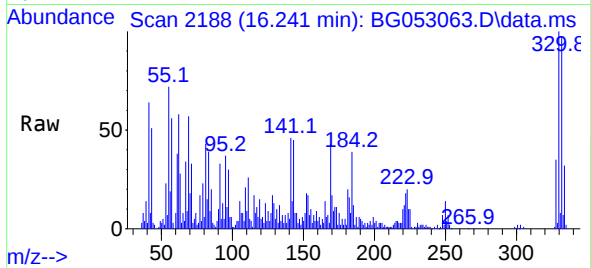




#42
2,4,6-Tribromophenol
Concen: 86.715 ng
RT: 16.241 min Scan# 2191
Delta R.T. 0.007 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

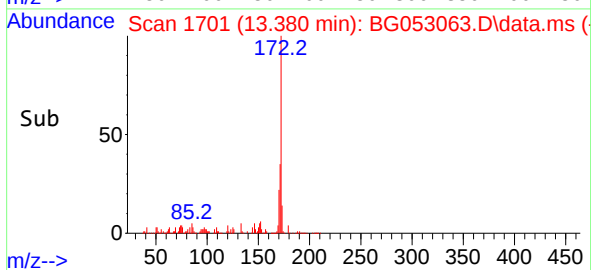
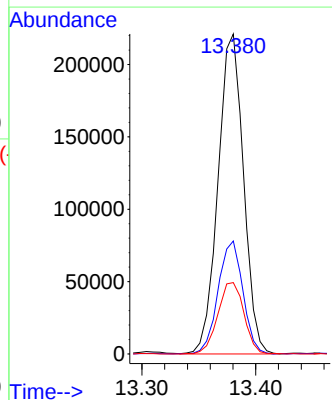
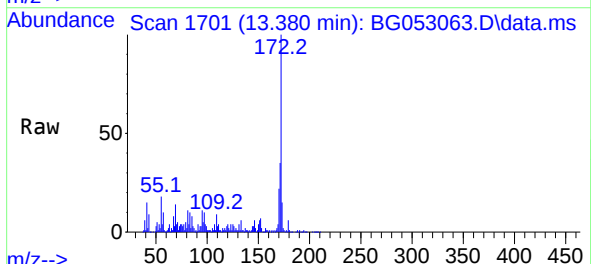
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-4-3

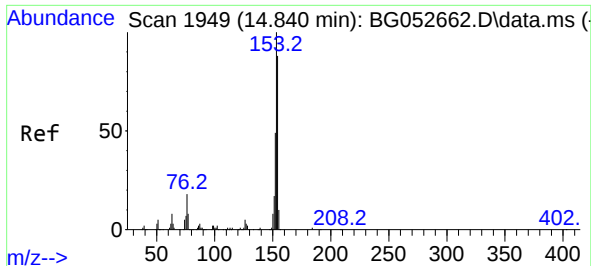
Tgt Ion:330 Resp: 101142
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.6
141 34.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 58.385 ng
RT: 13.380 min Scan# 1701
Delta R.T. 0.007 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

Tgt Ion:172 Resp: 343620
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.3 18.0 27.0

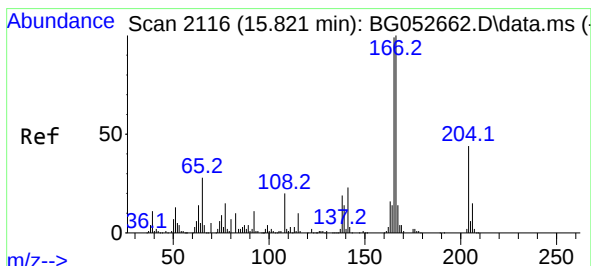
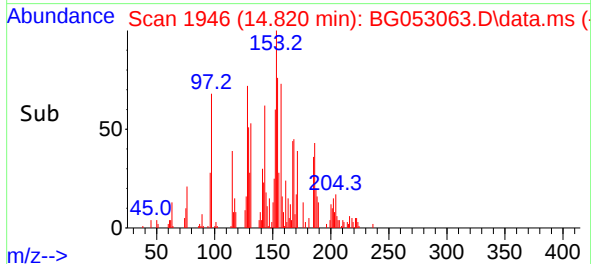
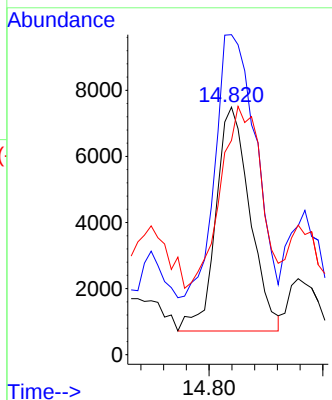
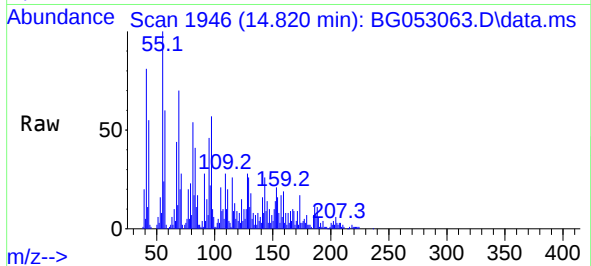




#52
Acenaphthene
Concen: 2.895 ng
RT: 14.820 min Scan# 1946
Delta R.T. 0.007 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

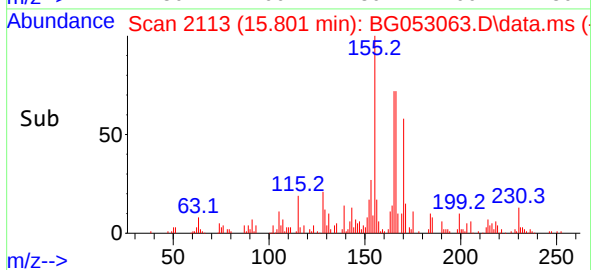
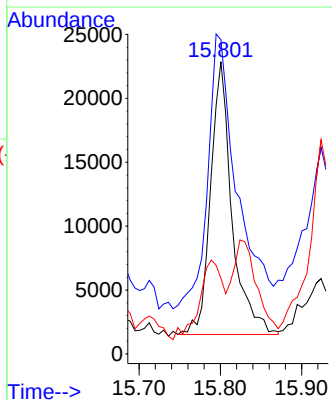
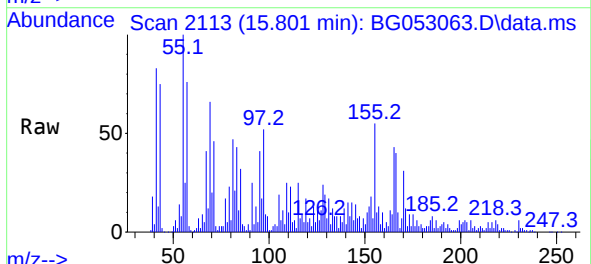
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-4-3

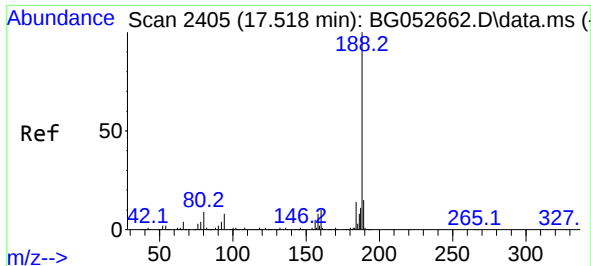
Tgt Ion:154 Resp: 14132
Ion Ratio Lower Upper
154 100
153 129.3 89.0 133.4
152 86.5 40.5 60.7#



#58
Fluorene
Concen: 5.991 ng
RT: 15.801 min Scan# 2113
Delta R.T. 0.007 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

Tgt Ion:166 Resp: 38936
Ion Ratio Lower Upper
166 100
165 107.5 78.6 117.8
167 25.9 10.9 16.3#

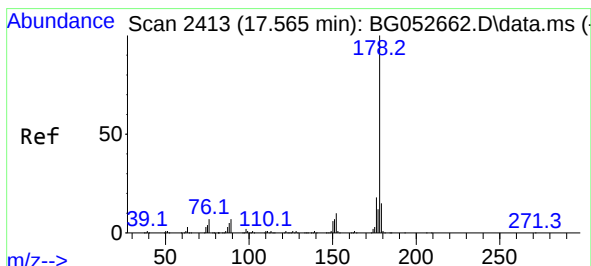
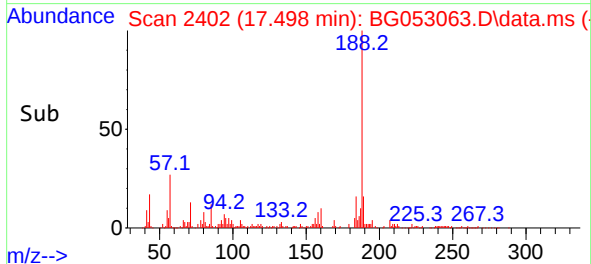
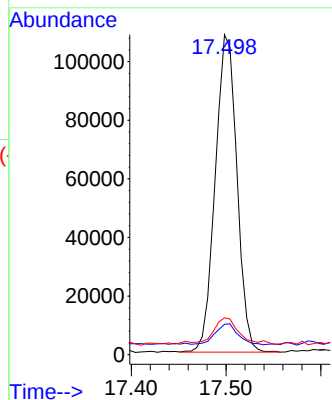
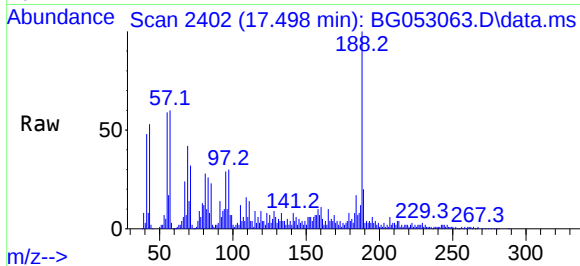




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2405
Delta R.T. 0.007 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

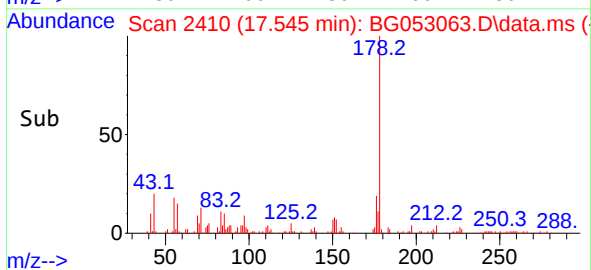
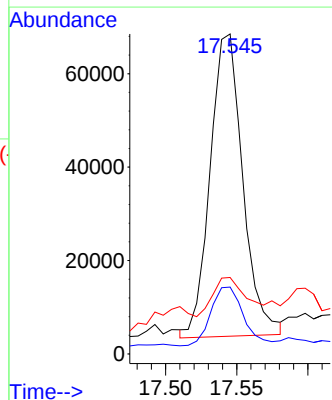
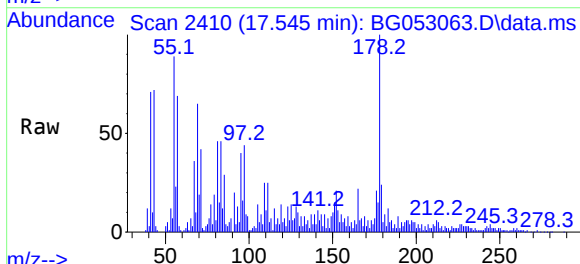
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WC-14A-1A-4-3

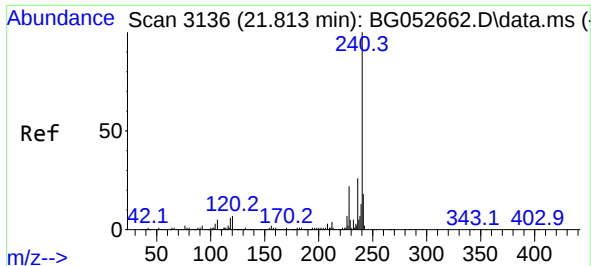
Tgt Ion:188 Resp: 172439
Ion Ratio Lower Upper
188 100
94 9.5 5.7 8.5#
80 11.5 7.2 10.8#



#71
Phenanthrene
Concen: 11.221 ng
RT: 17.545 min Scan# 2410
Delta R.T. 0.012 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

Tgt Ion:178 Resp: 103513
Ion Ratio Lower Upper
178 100
176 20.9 15.9 23.9
179 23.9 13.4 20.2#

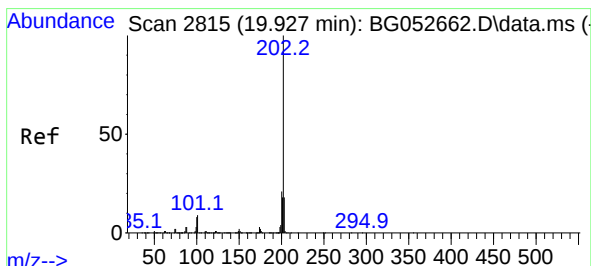
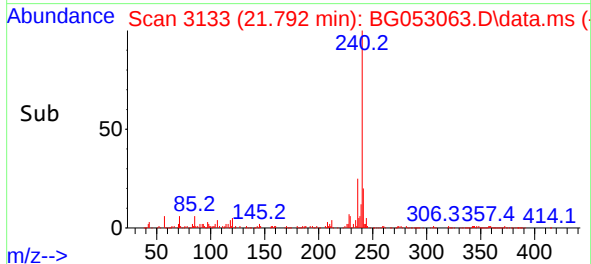
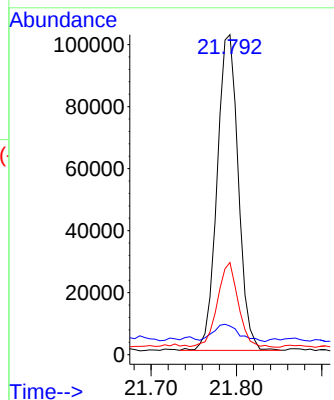
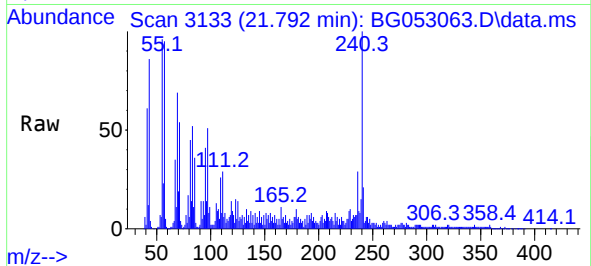




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.792 min Scan# 3136
Delta R.T. 0.012 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

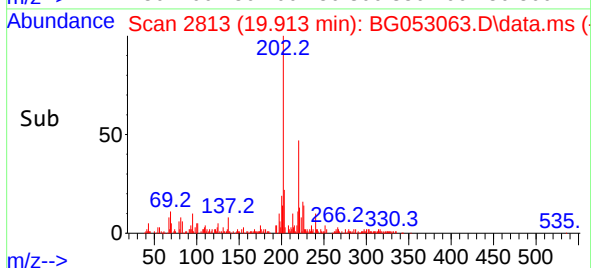
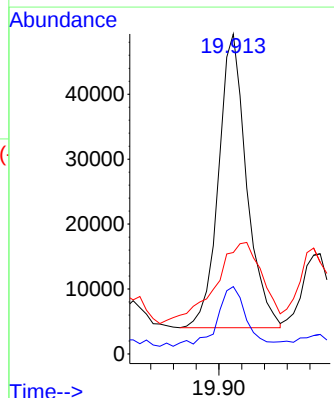
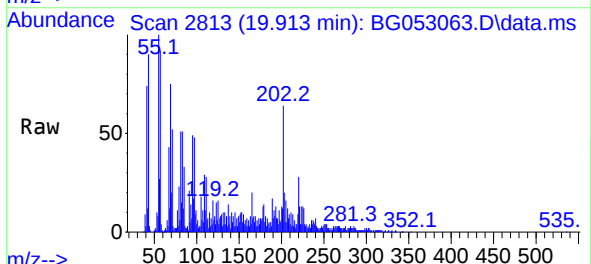
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-4-3

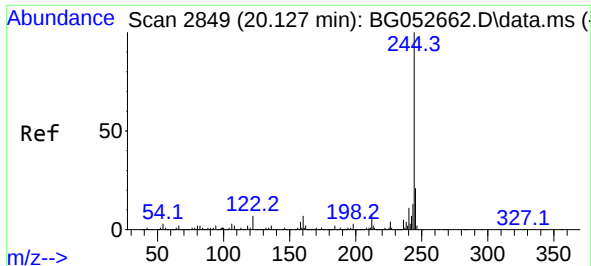
Tgt Ion:240 Resp: 175593
Ion Ratio Lower Upper
240 100
120 8.9 5.4 8.0#
236 28.8 19.8 29.6



#78
Pyrene
Concen: 6.366 ng
RT: 19.913 min Scan# 2813
Delta R.T. 0.012 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

Tgt Ion:202 Resp: 77542
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 31.7 15.0 22.6#

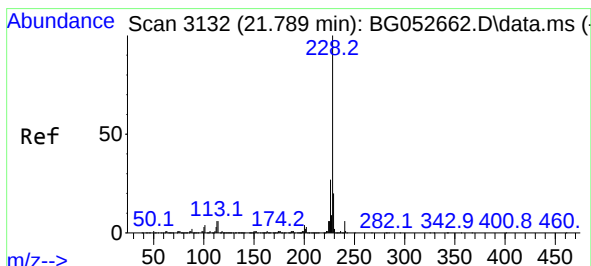
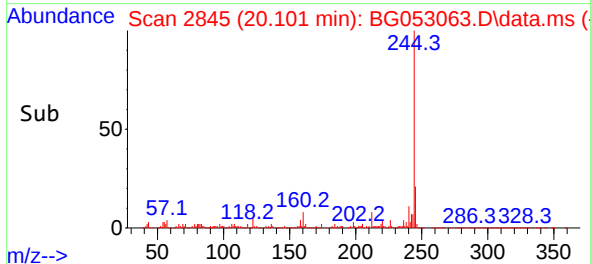
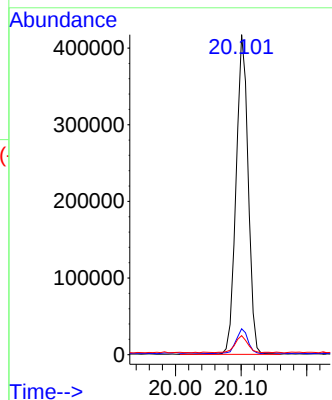
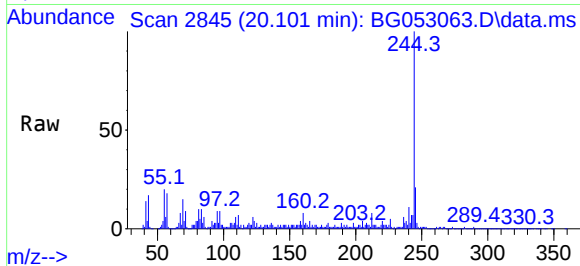




#79
 Terphenyl-d14
 Concen: 53.997 ng
 RT: 20.101 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: BG053063.D
 Acq: 6 Apr 2022 20:23

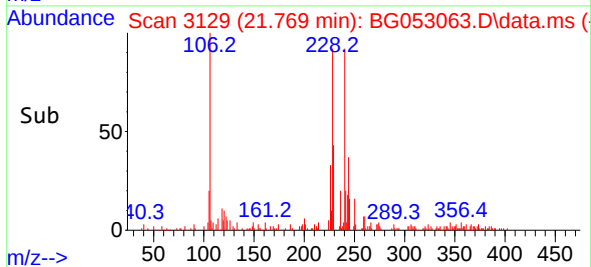
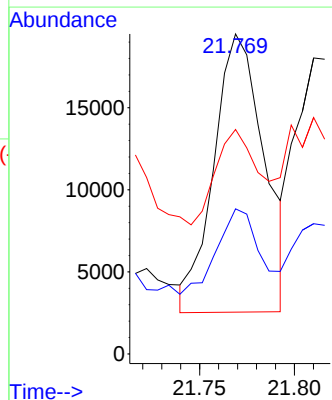
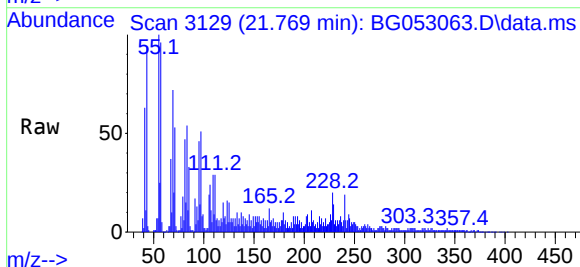
Instrument :
 BNA_G
 ClientSampleId :
 WC-14A-1A-4-3

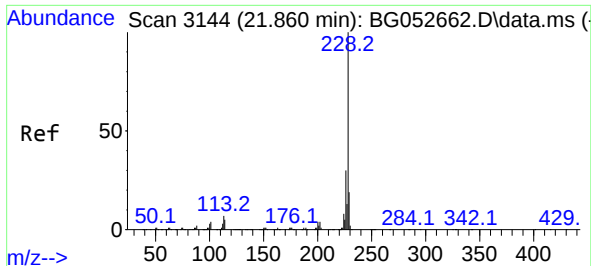
Tgt Ion:244 Resp: 533018
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 6.0 5.8 8.6



#81
 Benzo(a)anthracene
 Concen: 2.657 ng
 RT: 21.769 min Scan# 3129
 Delta R.T. 0.012 min
 Lab File: BG053063.D
 Acq: 6 Apr 2022 20:23

Tgt Ion:228 Resp: 31242
 Ion Ratio Lower Upper
 228 100
 226 45.3 21.4 32.0#
 229 70.2 16.7 25.1#

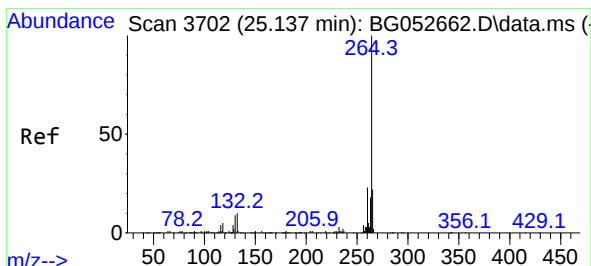
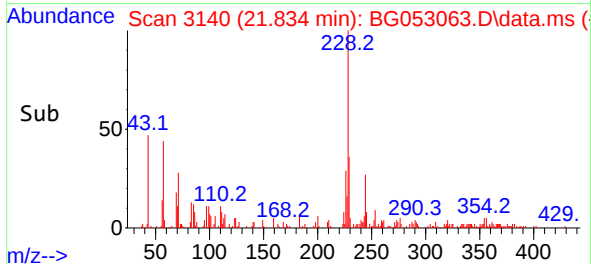
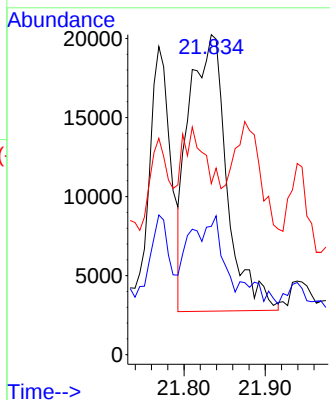
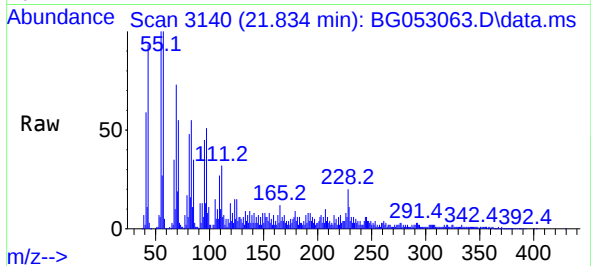




#83
Chrysene
Concen: 5.162 ng
RT: 21.834 min Scan# 3144
Delta R.T. 0.007 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-4-3

Tgt Ion:228 Resp: 57057
Ion Ratio Lower Upper
228 100
226 40.1 24.2 36.4#
229 53.5 16.3 24.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.123 min Scan# 3700
Delta R.T. 0.042 min
Lab File: BG053063.D
Acq: 6 Apr 2022 20:23

Tgt Ion:264 Resp: 184297
Ion Ratio Lower Upper
264 100
260 24.8 18.2 27.2
265 23.1 15.1 22.7#

