

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
 Data File : BG054963.D
 Acq On : 15 Sep 2022 19:40
 Operator : CG/JU
 Sample : N4597-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Quant Time: Sep 16 05:32:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 03:14:10 2022
 Response via : Initial Calibration

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

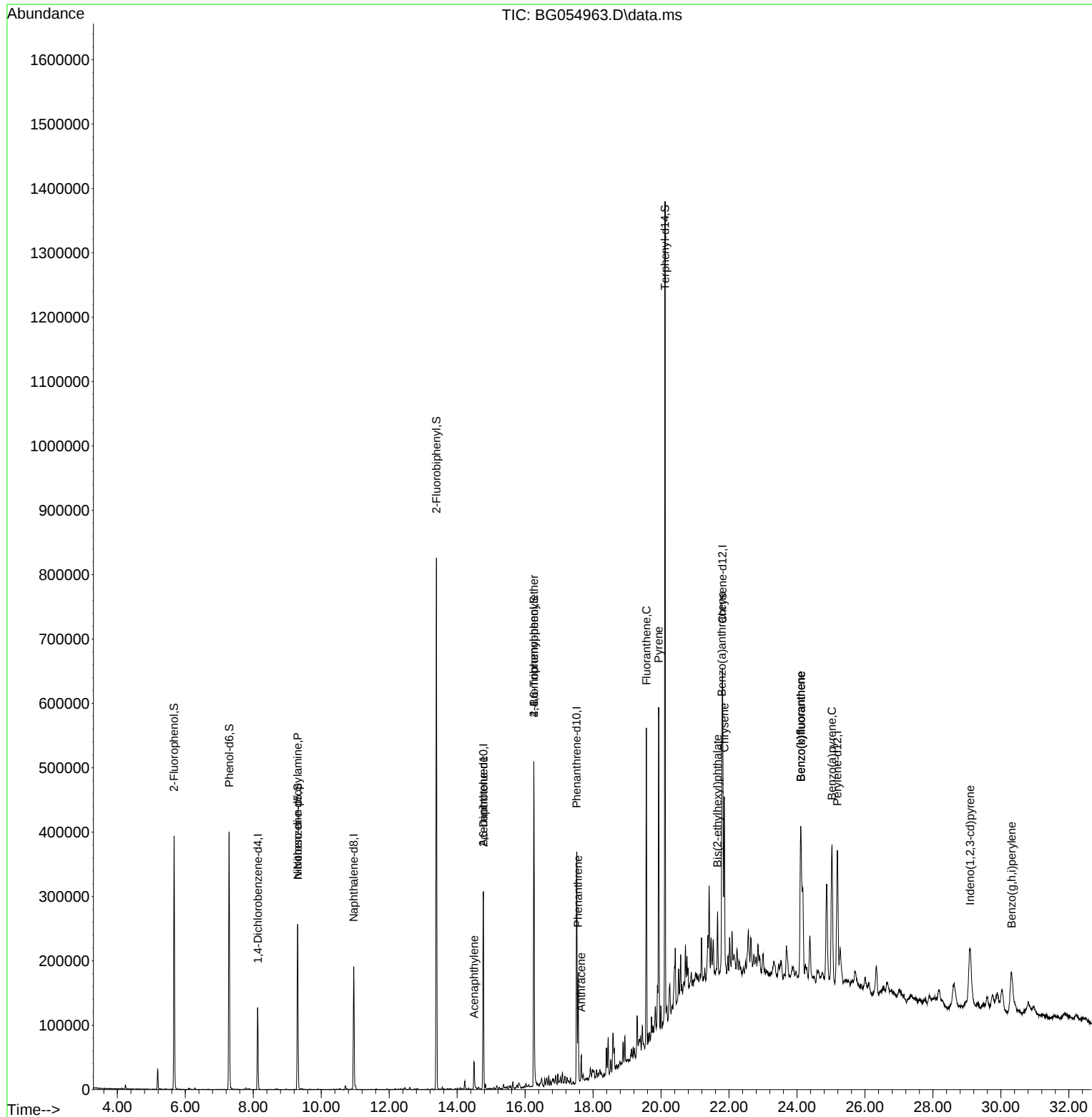
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.130	152	42473	20.000	ng	0.00
21) Naphthalene-d8	10.956	136	175970	20.000	ng	# 0.00
39) Acenaphthene-d10	14.769	164	115971	20.000	ng	0.00
64) Phenanthrene-d10	17.513	188	244918	20.000	ng	-0.01
76) Chrysene-d12	21.808	240	228863	20.000	ng	-0.01
86) Perylene-d12	25.186	264	247239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	202301	82.942	ng	0.00
7) Phenol-d6	7.289	99	277984	83.338	ng	0.00
23) Nitrobenzene-d5	9.305	82	167738	50.041	ng	0.00
42) 2,4,6-Tribromophenol	16.255	330	122500	84.533	ng	0.00
45) 2-Fluorobiphenyl	13.388	172	446311	57.843	ng	0.00
79) Terphenyl-d14	20.115	244	655503	56.750	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.305	70	20630	8.994	ng	# 73
49) Acenaphthylene	14.499	152	43632	4.043	ng	99
51) 2,6-Dinitrotoluene	14.769	165	15499	8.481	ng	# 20
67) 4-Bromophenyl-phenylether	16.255	248	7689	2.859	ng	# 1
71) Phenanthrene	17.560	178	110537	8.472	ng	99
72) Anthracene	17.648	178	31375	2.473	ng	97
75) Fluoranthene	19.569	202	328283	20.684	ng	97
78) Pyrene	19.927	202	320544	20.086	ng	98
81) Benzo(a)anthracene	21.790	228	216210	13.933	ng	99
83) Chrysene	21.860	228	217816	14.681	ng	98
84) Bis(2-ethylhexyl)phtha...	21.661	149	37521	3.912	ng	# 98
87) Indeno(1,2,3-cd)pyrene	29.093	276	168386	8.971	ng	95
88) Benzo(b)fluoranthene	24.111	252	338229	21.808	ng	97
89) Benzo(k)fluoranthene	24.111	252	338229	21.669	ng	97
90) Benzo(a)pyrene	25.027	252	240549	18.154	ng	98
92) Benzo(g,h,i)perylene	30.315	276	167347	10.833	ng	96

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

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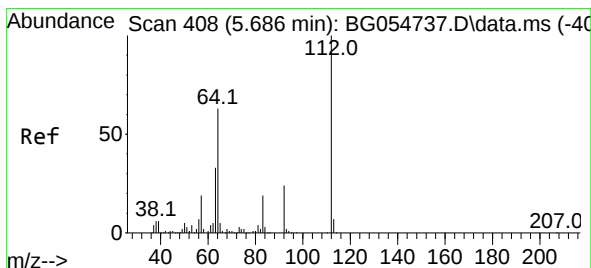
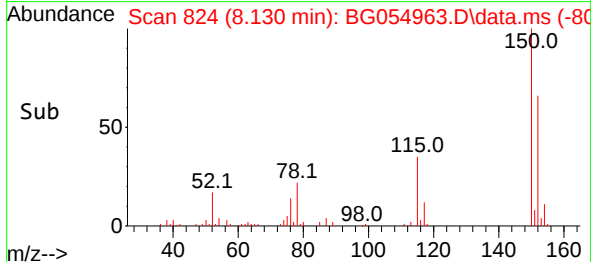
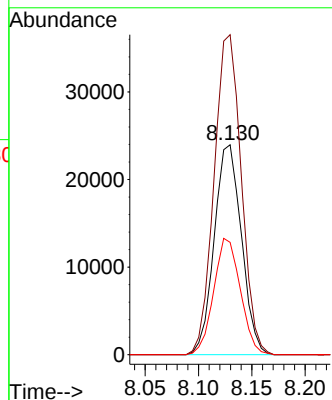
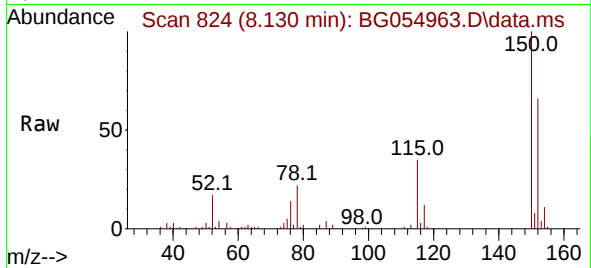




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.130 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

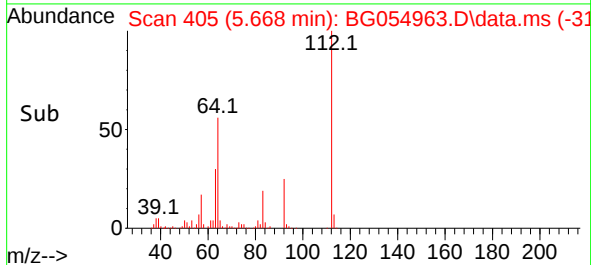
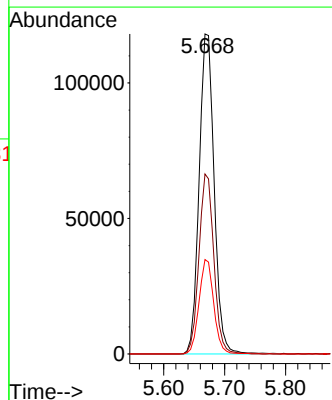
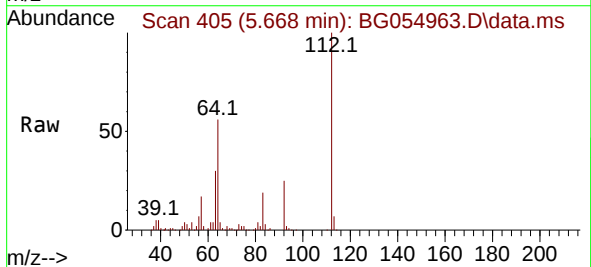
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:152 Resp: 42473
Ion Ratio Lower Upper
152 100
150 152.5 125.2 187.8
115 53.5 47.9 71.9



#5
2-Fluorophenol
Concen: 82.942 ng
RT: 5.668 min Scan# 405
Delta R.T. -0.005 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

Tgt Ion:112 Resp: 202301
Ion Ratio Lower Upper
112 100
64 56.3 49.3 73.9
63 29.5 26.3 39.5

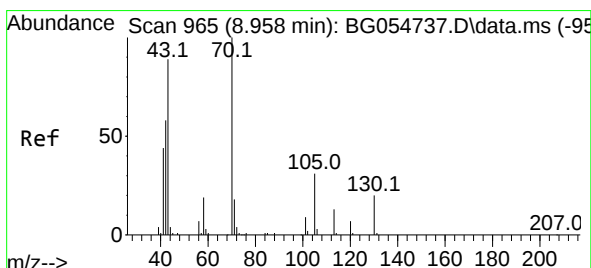
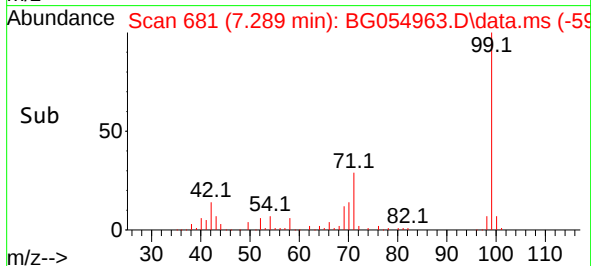
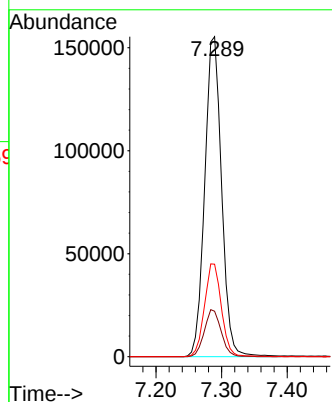
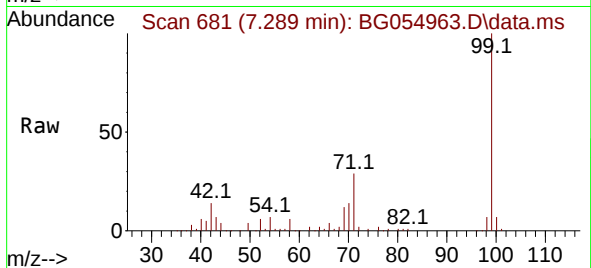




#7
Phenol-d6
Concen: 83.338 ng
RT: 7.289 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

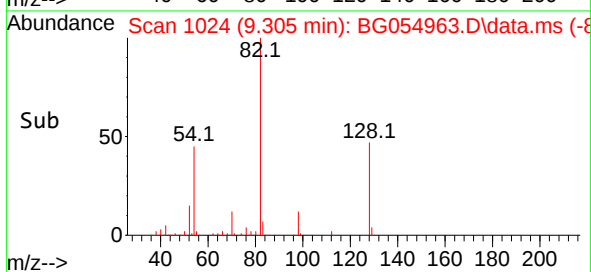
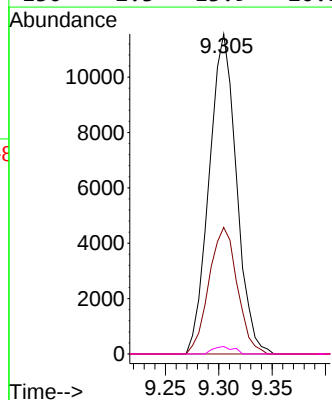
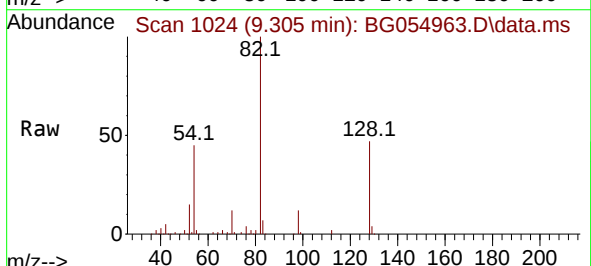
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion: 99 Resp: 277984
Ion Ratio Lower Upper
99 100
42 14.2 14.6 22.0#
71 28.9 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 8.994 ng
RT: 9.305 min Scan# 1024
Delta R.T. 0.365 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

Tgt Ion: 70 Resp: 20630
Ion Ratio Lower Upper
70 100
42 39.5 46.6 69.8#
101 0.0 7.7 11.5#
130 2.3 13.9 20.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.956 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

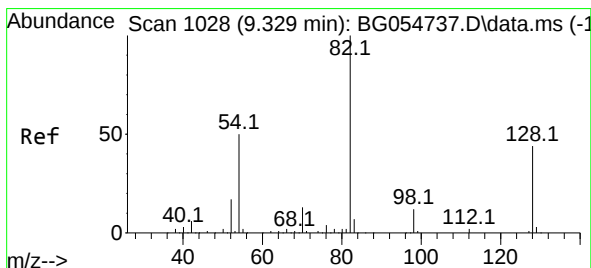
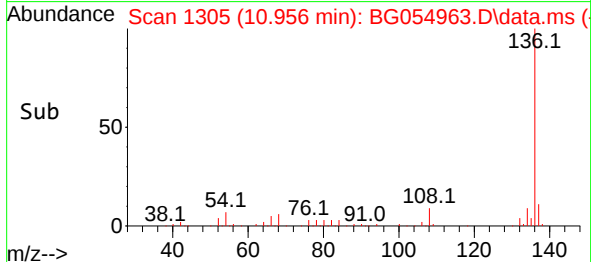
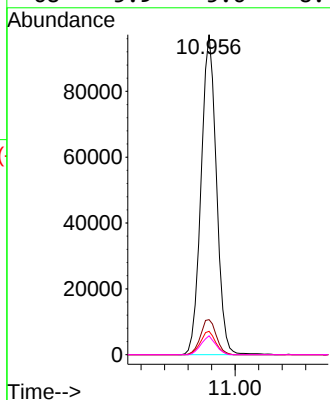
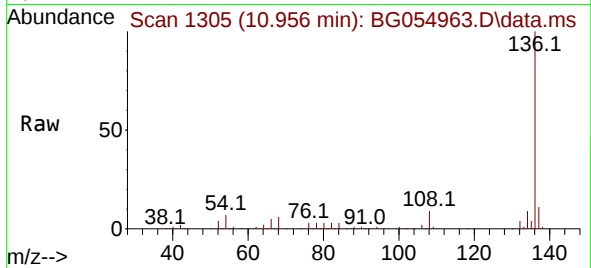
Instrument :

BNA_G

ClientSampleId :

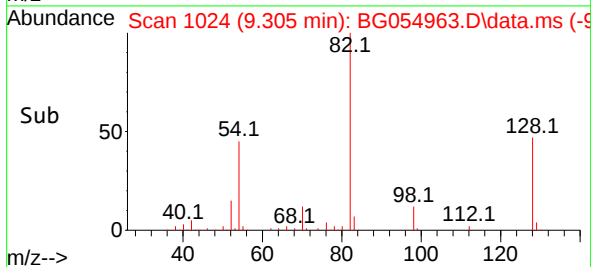
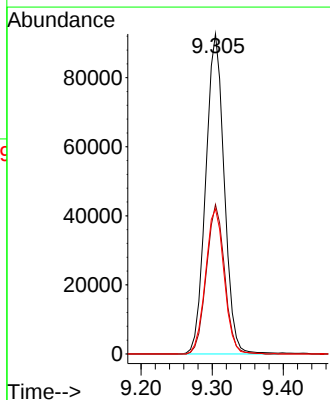
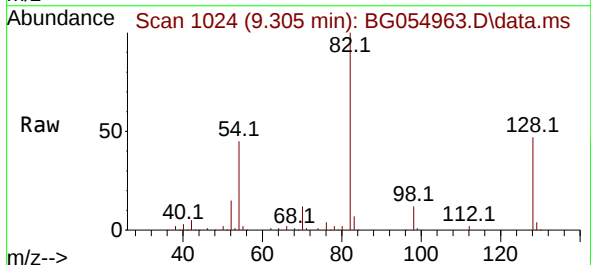
SB-02-COMP

Tgt Ion:136 Resp: 175970
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.3 7.7 11.5#
68 5.9 5.6 8.4



#23
Nitrobenzene-d5
Concen: 50.041 ng
RT: 9.305 min Scan# 1024
Delta R.T. -0.005 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

Tgt Ion: 82 Resp: 167738
Ion Ratio Lower Upper
82 100
128 46.7 32.2 48.2
54 45.3 41.4 62.0

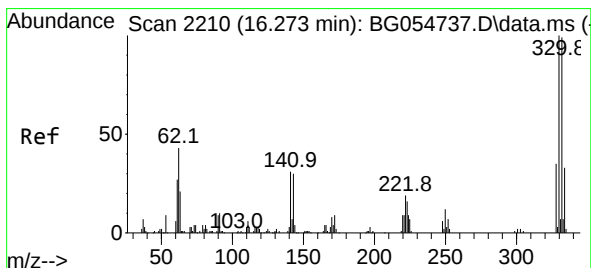
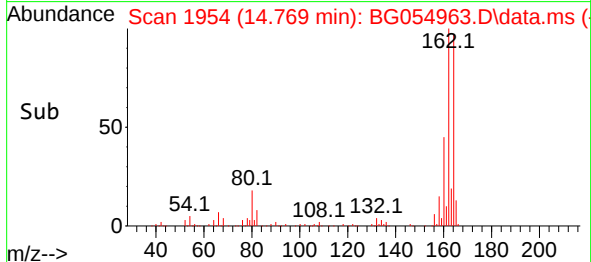
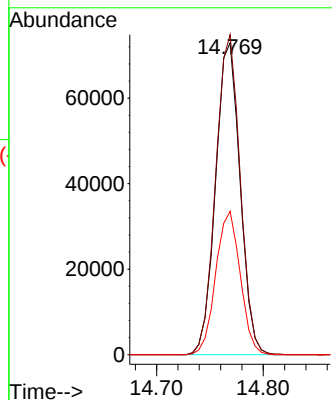
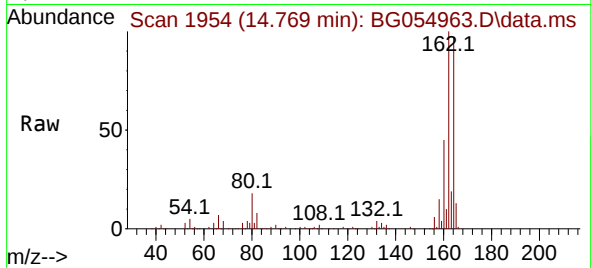




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.769 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

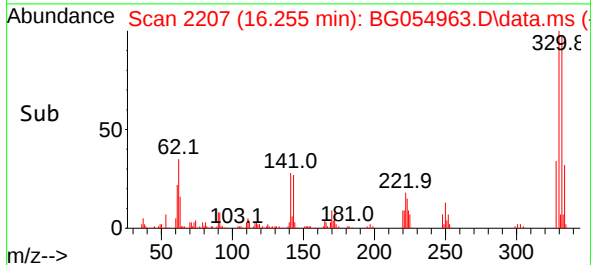
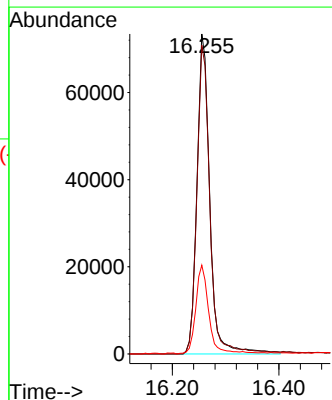
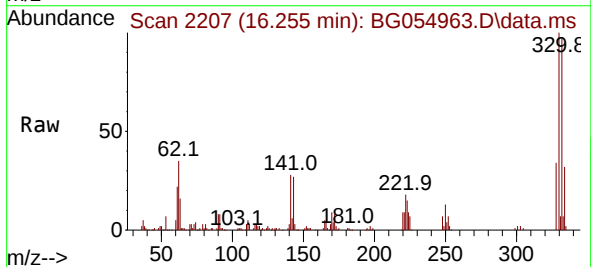
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ClientSampleId :
SB-02-COMP

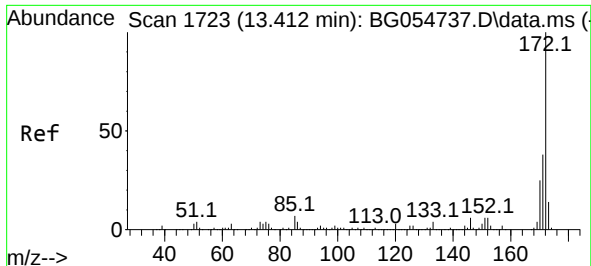
Tgt Ion:164 Resp: 115971
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.4
160 46.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 84.533 ng
RT: 16.255 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

Tgt Ion:330 Resp: 122500
Ion Ratio Lower Upper
330 100
332 97.4 79.8 119.6
141 28.6 26.8 40.2

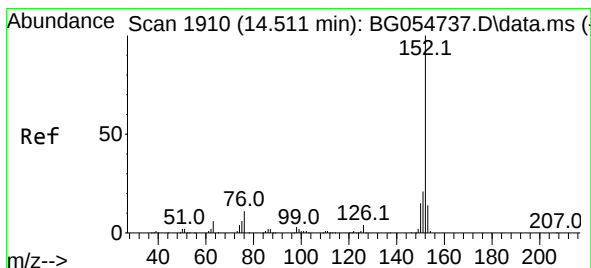
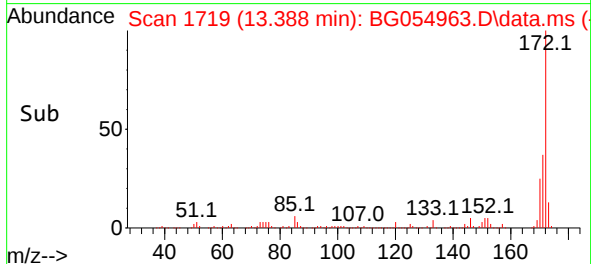
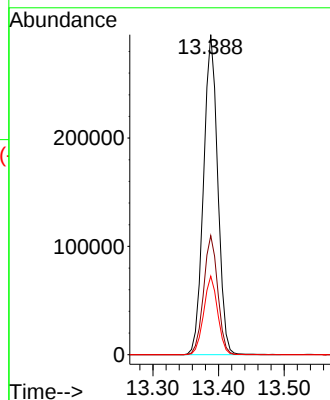
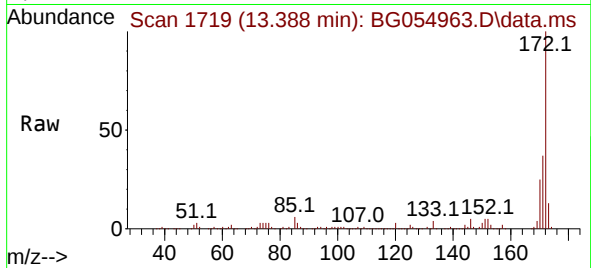




#45
2-Fluorobiphenyl
Concen: 57.843 ng
RT: 13.388 min Scan# 1719
Delta R.T. -0.005 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

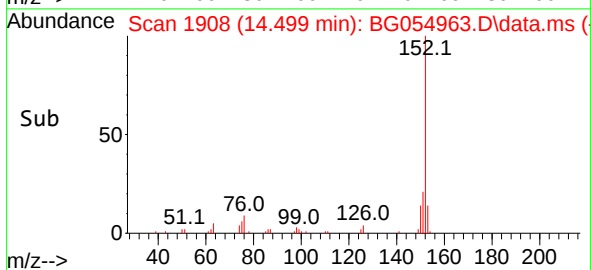
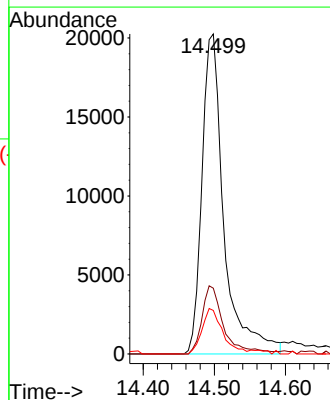
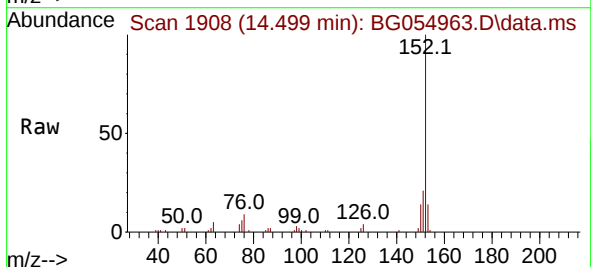
Instrument :
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ClientSampleId :
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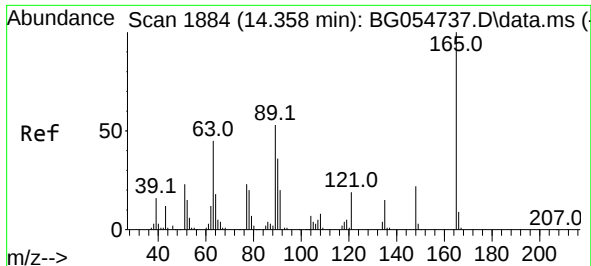
Tgt Ion:172 Resp: 446311
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 24.5 20.6 30.8



#49
Acenaphthylene
Concen: 4.043 ng
RT: 14.499 min Scan# 1908
Delta R.T. 0.001 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

Tgt Ion:152 Resp: 43632
Ion Ratio Lower Upper
152 100
151 20.5 17.3 25.9
153 13.6 10.8 16.2

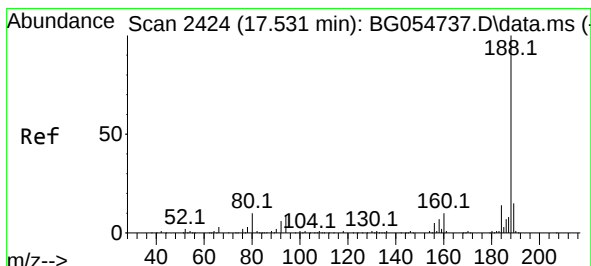
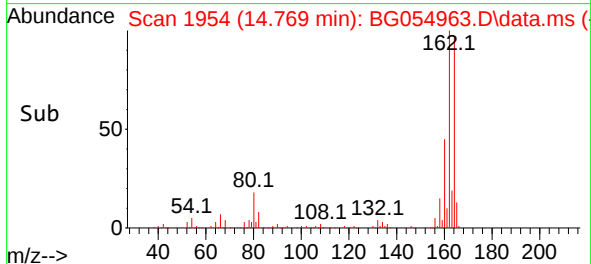
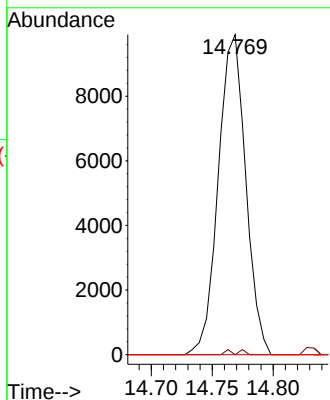
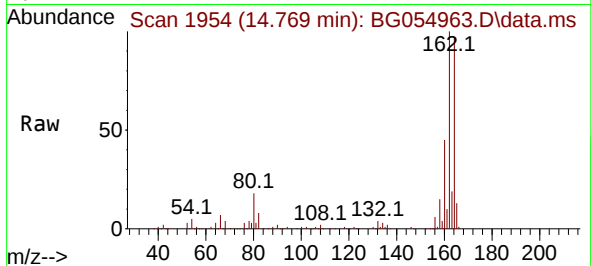




#51
2,6-Dinitrotoluene
Concen: 8.481 ng
RT: 14.769 min Scan# 1954
Delta R.T. 0.424 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

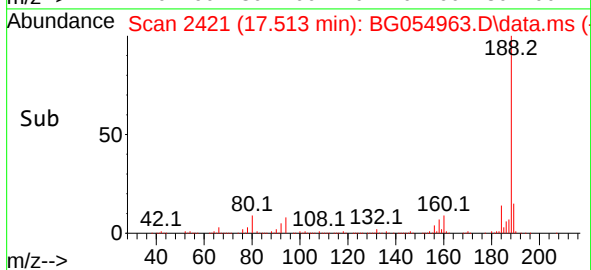
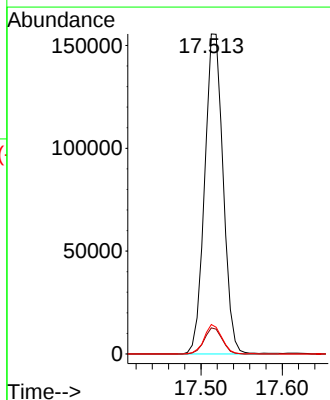
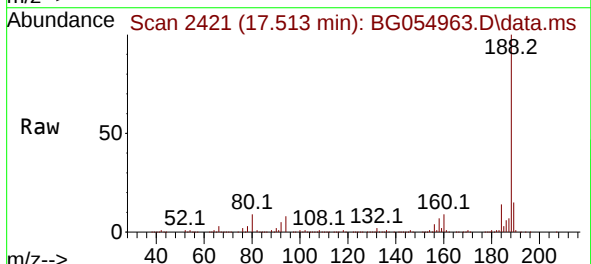
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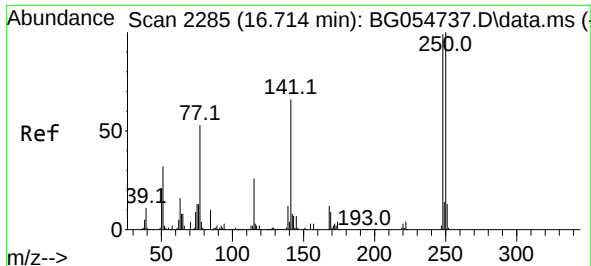
Tgt Ion:165 Resp: 15499
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.513 min Scan# 2421
Delta R.T. -0.011 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

Tgt Ion:188 Resp: 244918
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.2 7.9 11.9

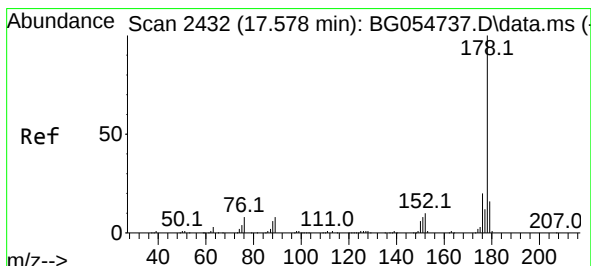
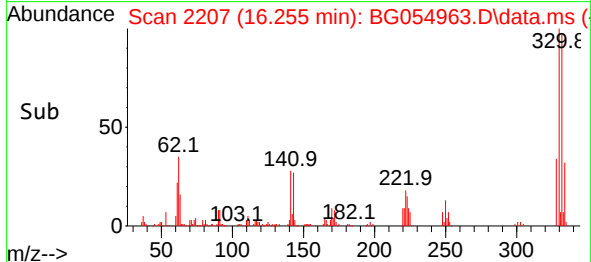
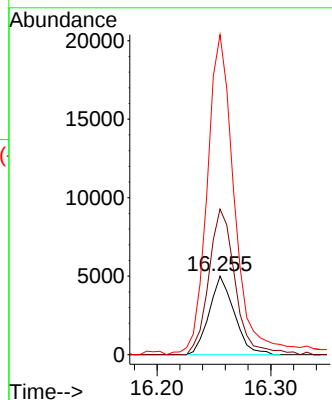
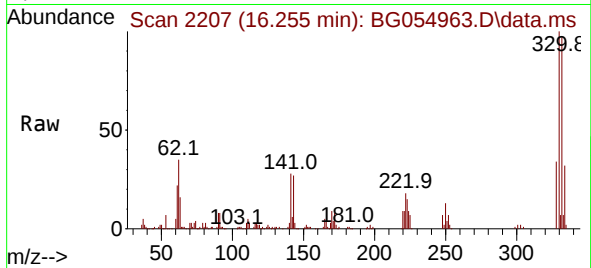




#67
4-Bromophenyl-phenylether
Concen: 2.859 ng
RT: 16.255 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

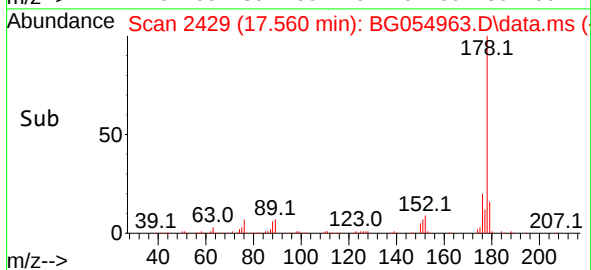
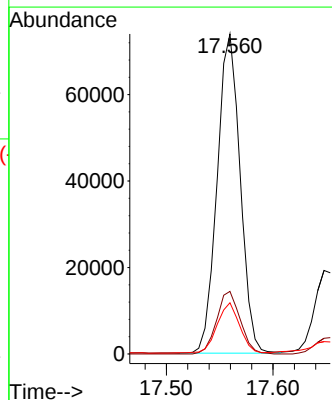
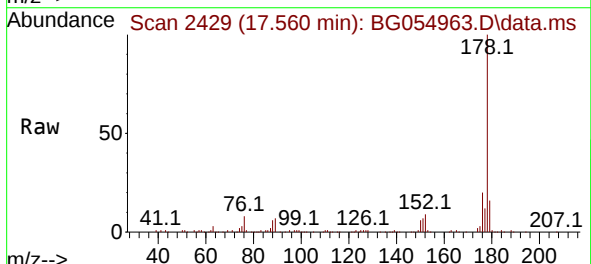
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

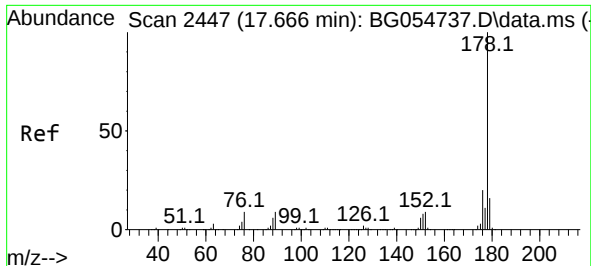
Tgt Ion:248 Resp: 7689
Ion Ratio Lower Upper
248 100
250 185.3 78.8 118.2#
141 407.3 51.9 77.9#



#71
Phenanthrene
Concen: 8.472 ng
RT: 17.560 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

Tgt Ion:178 Resp: 110537
Ion Ratio Lower Upper
178 100
176 19.6 16.6 25.0
179 16.0 12.8 19.2

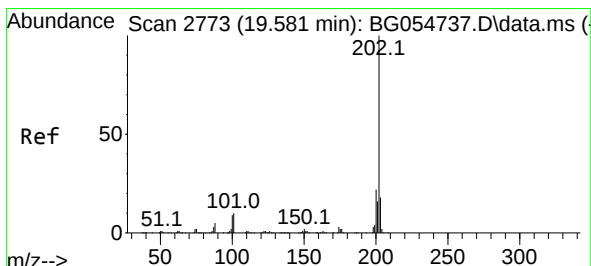
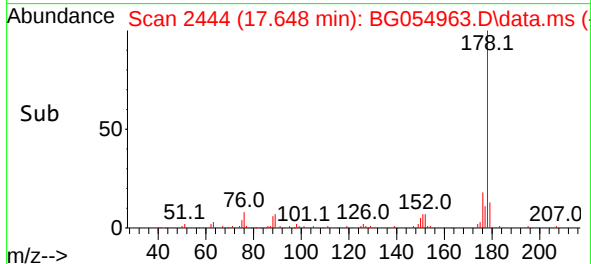
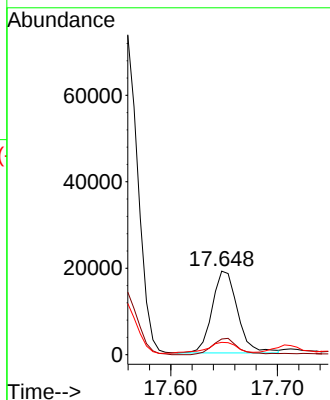
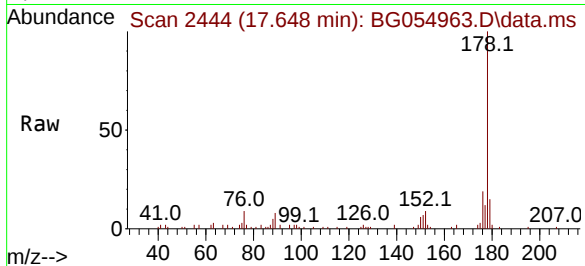




#72
 Anthracene
 Concen: 2.473 ng
 RT: 17.648 min Scan# 2444
 Delta R.T. -0.011 min
 Lab File: BG054963.D
 Acq: 15 Sep 2022 19:40

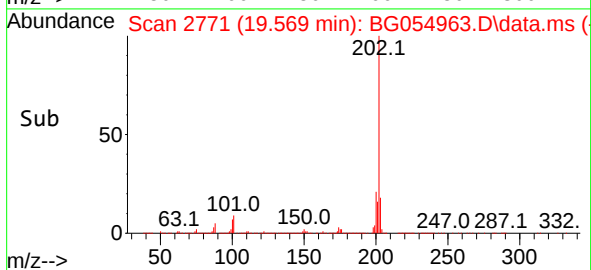
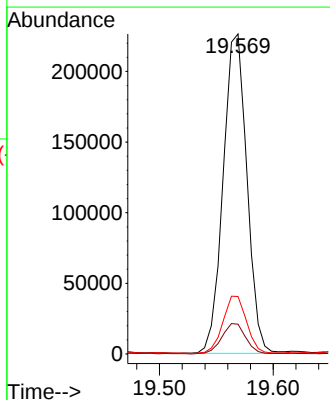
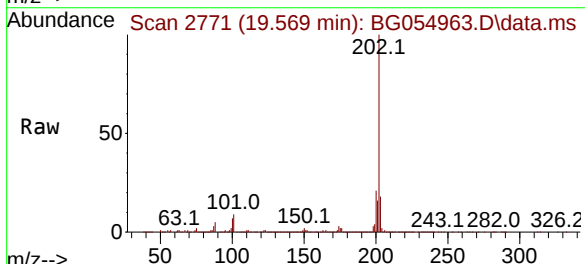
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

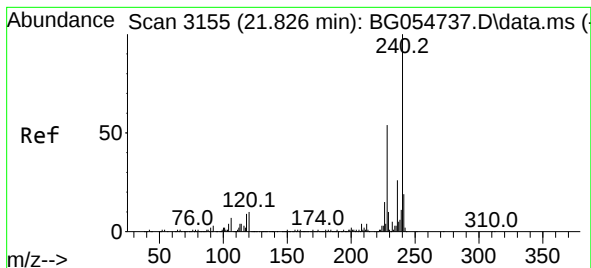
Tgt Ion:178 Resp: 31375
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.2 24.4
 179 14.7 12.9 19.3



#75
 Fluoranthene
 Concen: 20.684 ng
 RT: 19.569 min Scan# 2771
 Delta R.T. 0.001 min
 Lab File: BG054963.D
 Acq: 15 Sep 2022 19:40

Tgt Ion:202 Resp: 328283
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 31.4
 203 18.0 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.808 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG054963.D

Acq: 15 Sep 2022 19:40

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

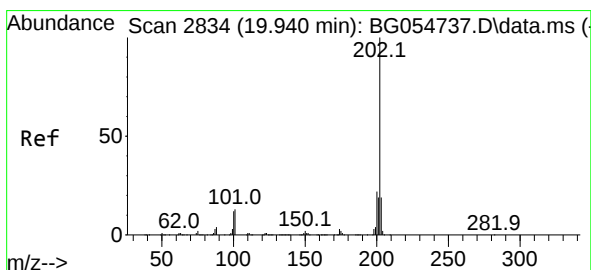
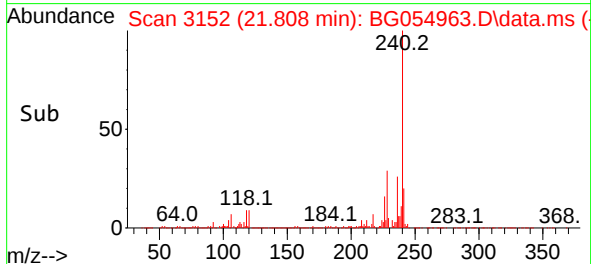
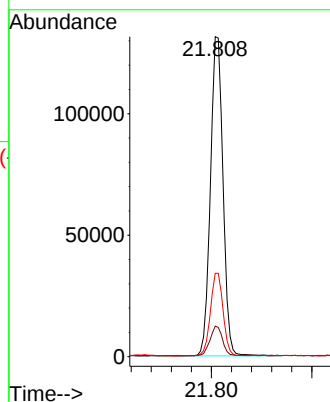
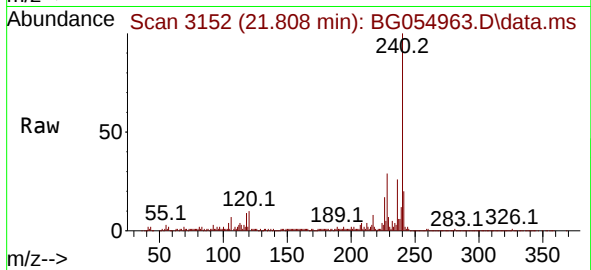
Tgt Ion:240 Resp: 228863

Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.4

236 26.0 21.2 31.8



#78

Pyrene

Concen: 20.086 ng

RT: 19.927 min Scan# 2832

Delta R.T. -0.005 min

Lab File: BG054963.D

Acq: 15 Sep 2022 19:40

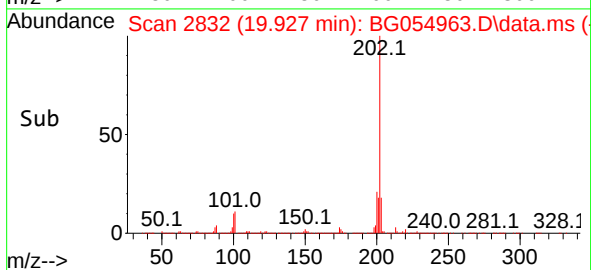
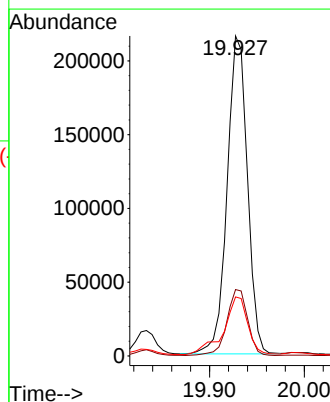
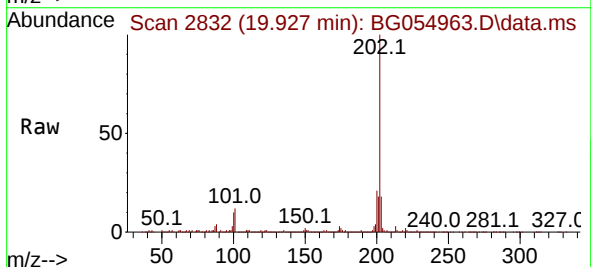
Tgt Ion:202 Resp: 320544

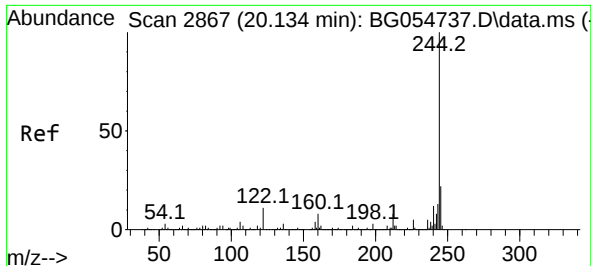
Ion Ratio Lower Upper

202 100

200 20.7 17.8 26.6

203 18.4 14.6 21.8

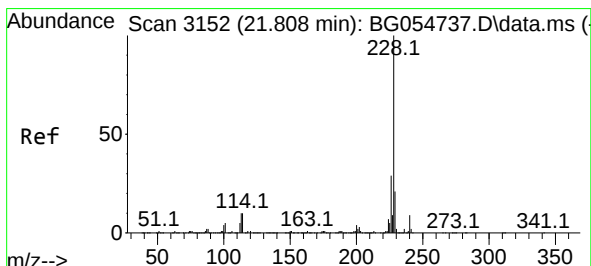
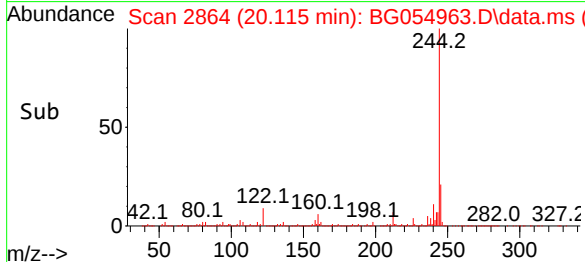
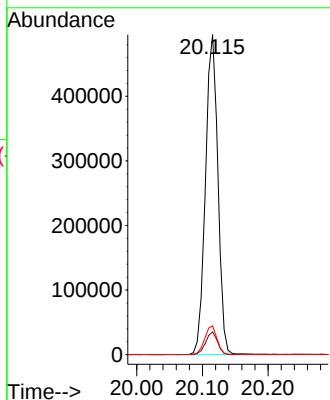
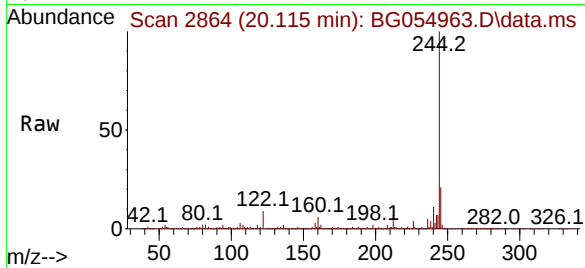




#79
 Terphenyl-d14
 Concen: 56.750 ng
 RT: 20.115 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054963.D
 Acq: 15 Sep 2022 19:40

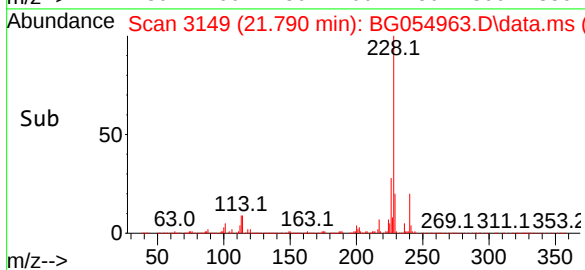
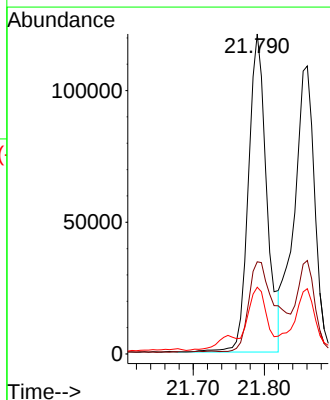
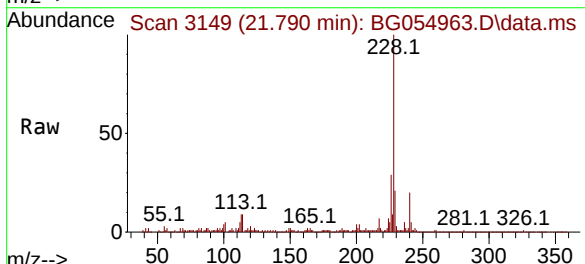
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

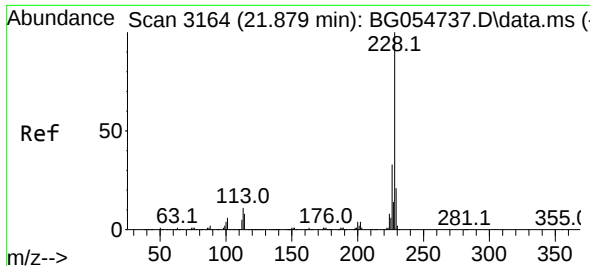
Tgt Ion:244 Resp: 655503
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 9.0 9.0 13.6#



#81
 Benzo(a)anthracene
 Concen: 13.933 ng
 RT: 21.790 min Scan# 3149
 Delta R.T. -0.005 min
 Lab File: BG054963.D
 Acq: 15 Sep 2022 19:40

Tgt Ion:228 Resp: 216210
 Ion Ratio Lower Upper
 228 100
 226 28.8 23.4 35.2
 229 20.9 16.5 24.7

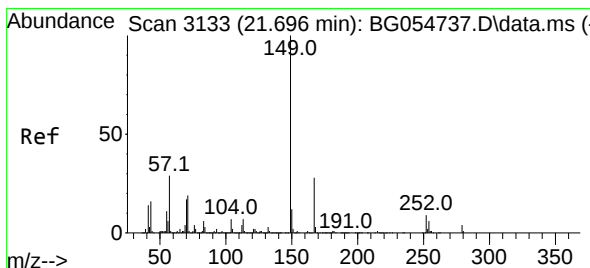
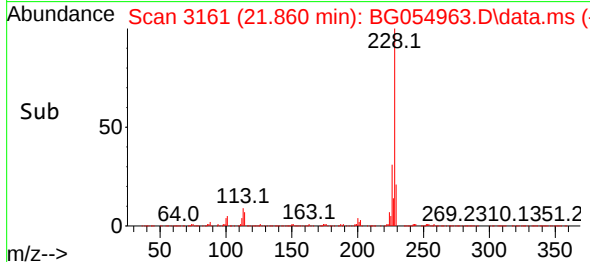
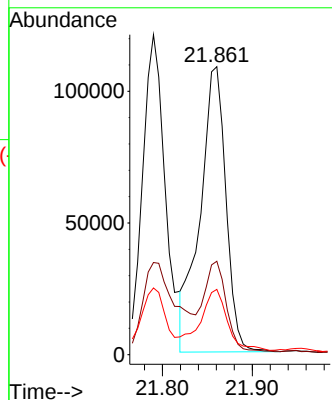
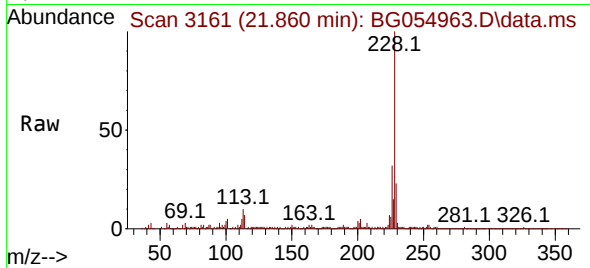




#83
 Chrysene
 Concen: 14.681 ng
 RT: 21.860 min Scan# 3164
 Delta R.T. -0.005 min
 Lab File: BG054963.D
 Acq: 15 Sep 2022 19:40

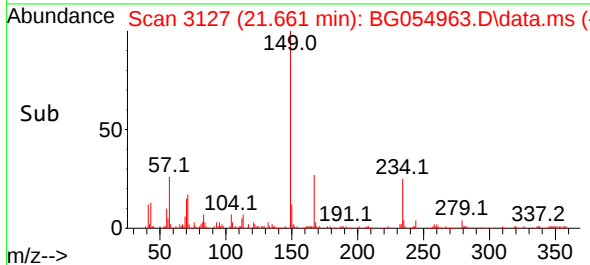
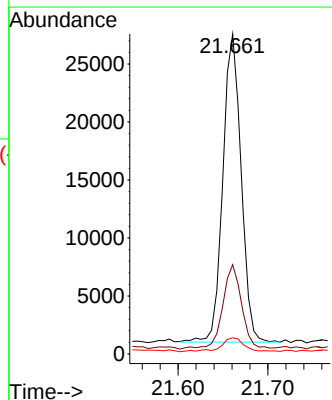
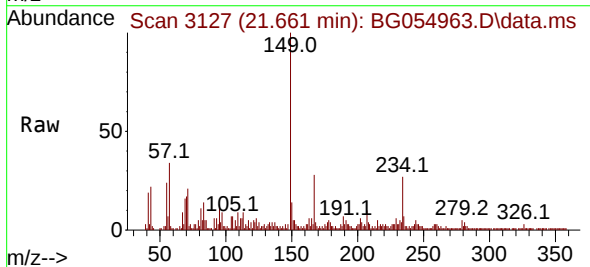
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

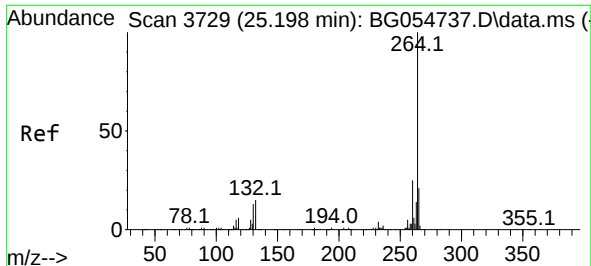
Tgt Ion:228 Resp: 217816
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.5 38.3
 229 22.6 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.912 ng
 RT: 21.661 min Scan# 3127
 Delta R.T. -0.005 min
 Lab File: BG054963.D
 Acq: 15 Sep 2022 19:40

Tgt Ion:149 Resp: 37521
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.4 32.0
 279 5.0 3.1 4.7#



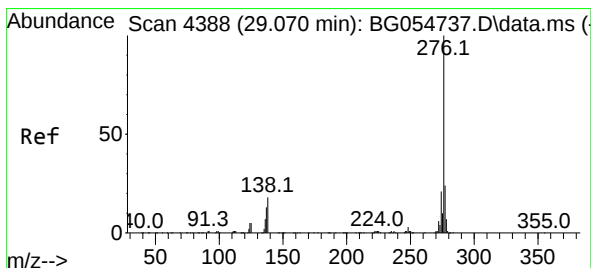
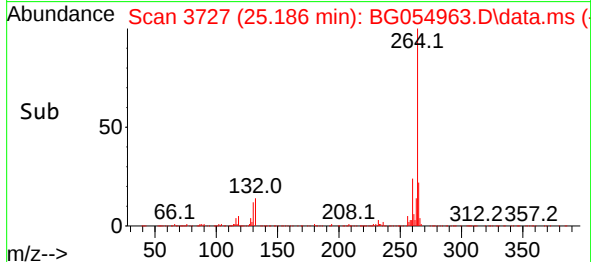
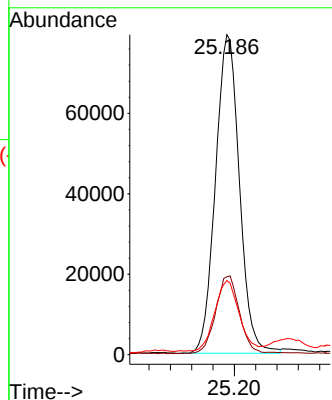
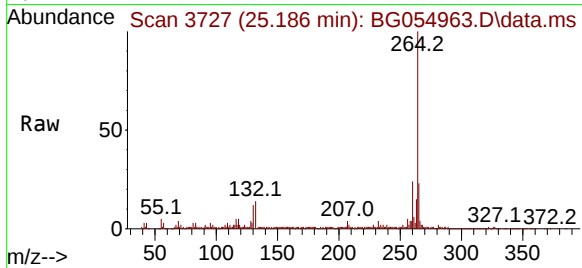


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.186 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:264 Resp: 247239

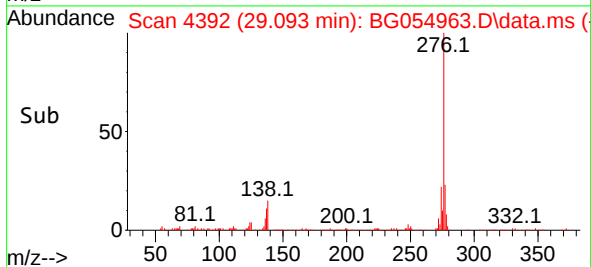
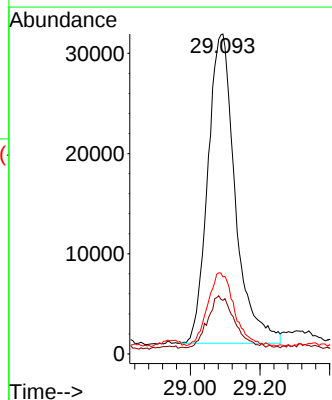
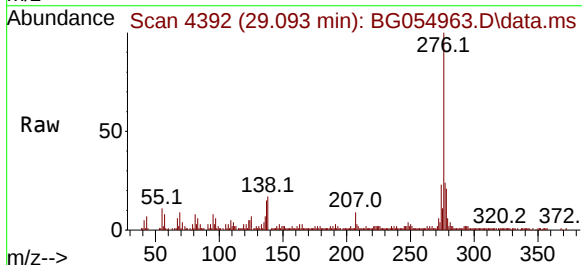
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	23.2	16.9	25.3

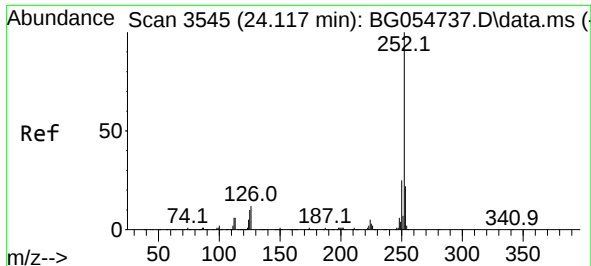


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.971 ng
RT: 29.093 min Scan# 4392
Delta R.T. 0.006 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

Tgt Ion:276 Resp: 168386

Ion	Ratio	Lower	Upper
276	100		
138	16.3	12.0	18.0
277	22.6	20.2	30.4

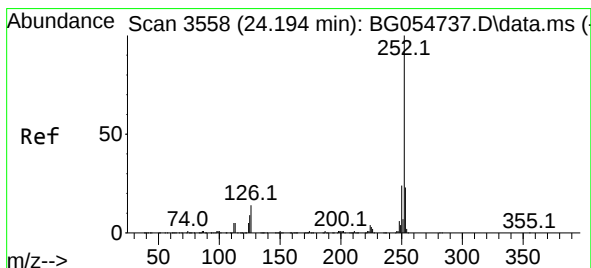
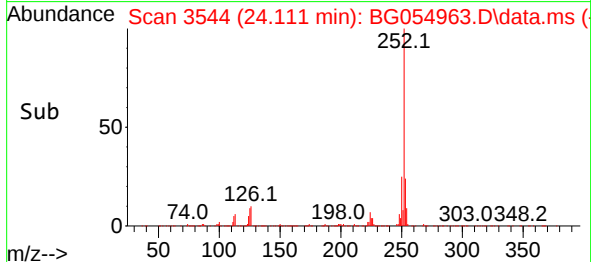
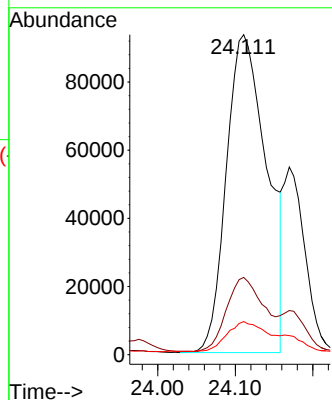
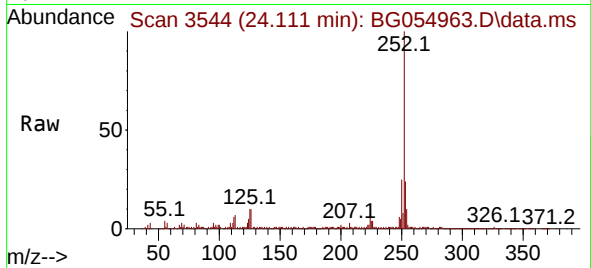




#88
Benzo(b)fluoranthene
Concen: 21.808 ng
RT: 24.111 min Scan# 3544
Delta R.T. 0.001 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

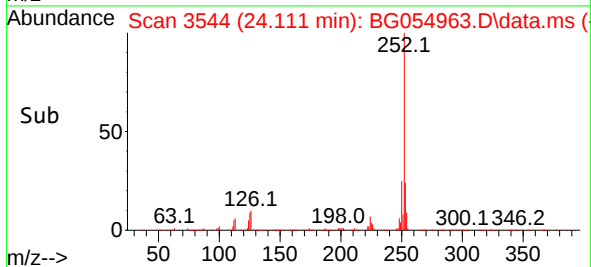
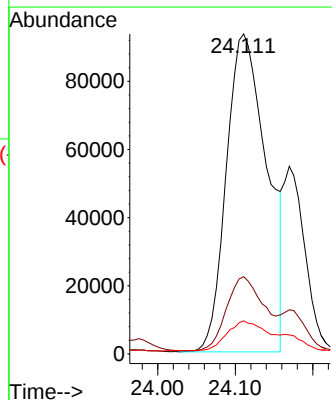
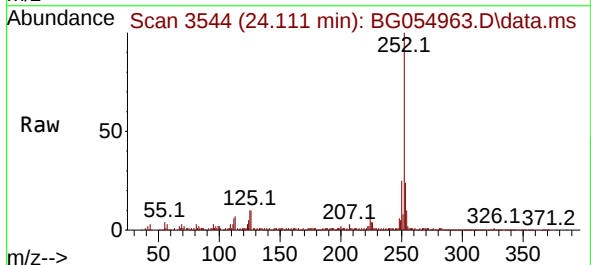
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

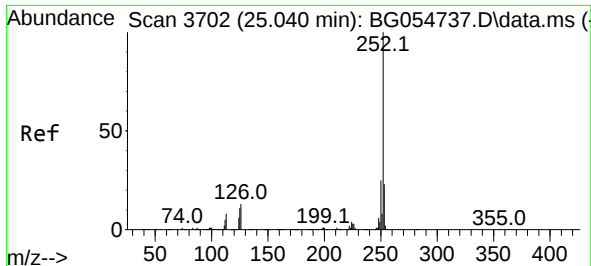
Tgt Ion:252 Resp: 338229
Ion Ratio Lower Upper
252 100
253 24.2 18.0 27.0
125 10.3 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 21.669 ng
RT: 24.111 min Scan# 3544
Delta R.T. -0.070 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

Tgt Ion:252 Resp: 338229
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 10.3 8.2 12.4

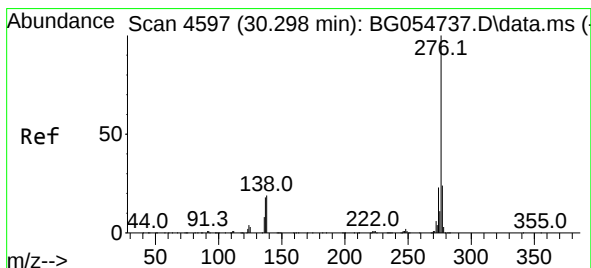
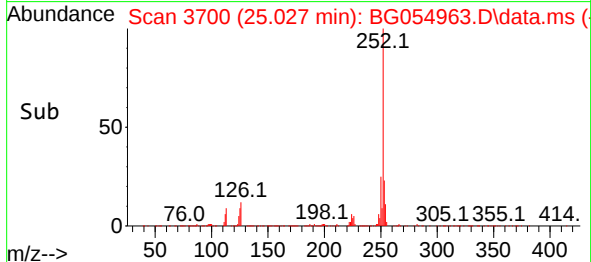
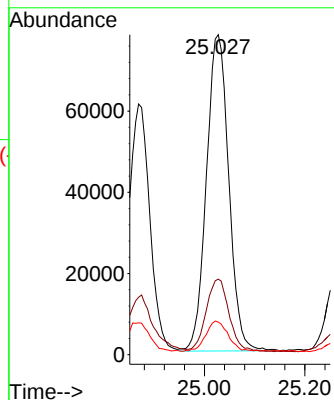
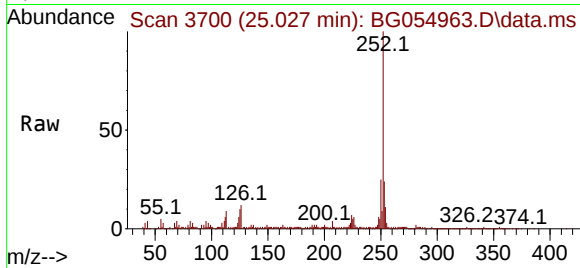




#90
Benzo(a)pyrene
Concen: 18.154 ng
RT: 25.027 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:252 Resp: 240549
Ion Ratio Lower Upper
252 100
253 23.6 18.3 27.5
125 10.2 8.8 13.2



#92
Benzo(g,h,i)perylene
Concen: 10.833 ng
RT: 30.315 min Scan# 4600
Delta R.T. 0.006 min
Lab File: BG054963.D
Acq: 15 Sep 2022 19:40

Tgt Ion:276 Resp: 167347
Ion Ratio Lower Upper
276 100
277 23.1 19.4 29.0
138 17.6 16.6 25.0

