

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)

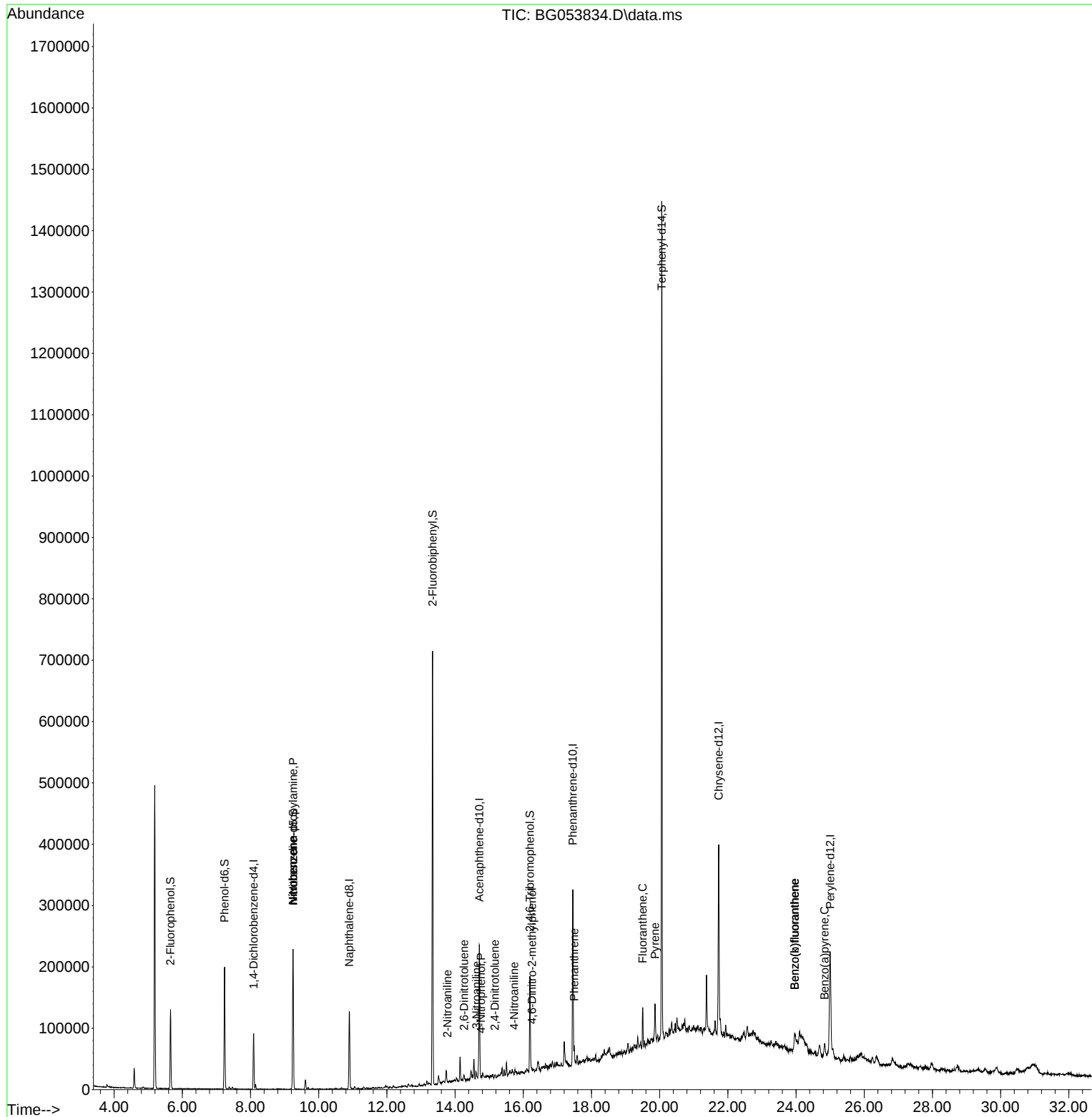
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	27866	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	115808	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	83157	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	197667	20.000	ng	0.00
76) Chrysene-d12	21.731	240	204299	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	9.251	70	20097	13.804	ng	# 81
24) Nitrobenzene	9.245	77	468	3.195	ng	# 48
48) 2-Nitroaniline	13.775	65	54	5.082	ng	# 10
51) 2,6-Dinitrotoluene	14.263	165	695	4.617	ng	# 16
53) 3-Nitroaniline	14.627	138	344	4.053	ng	# 1
56) 4-Nitrophenol	14.762	139	54	4.670	ng	# 1
57) 2,4-Dinitrotoluene	15.168	165	504	4.698	ng	# 21
62) 4-Nitroaniline	15.732	138	129	2.405	ng	# 55
65) 4,6-Dinitro-2-methylph...	16.255	198	55	5.667	ng	# 1
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
89) Benzo(k)fluoranthene	23.963	252	30032	2.341	ng	# 91
90) Benzo(a)pyrene	24.839	252	25929	2.363	ng	# 92

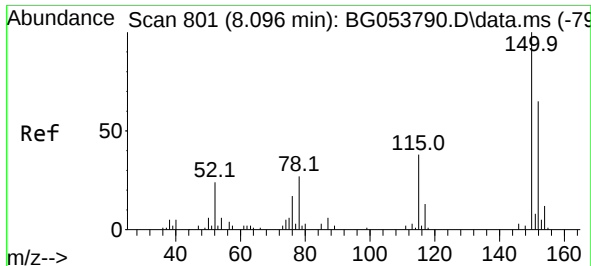
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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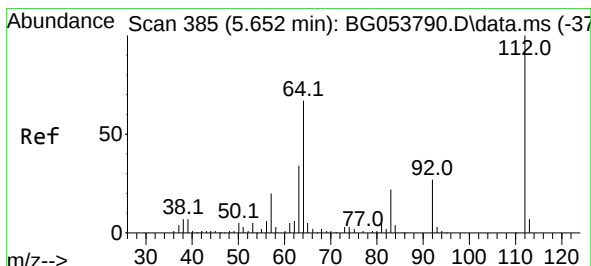
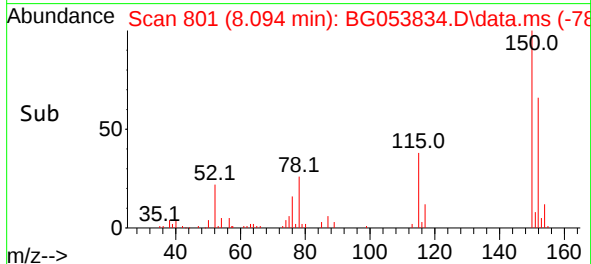
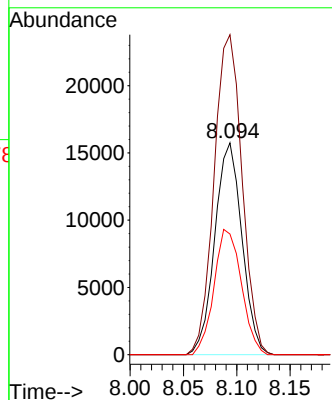
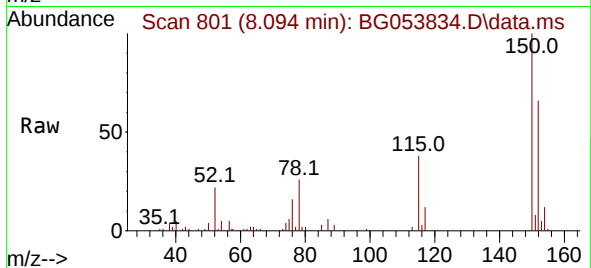




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

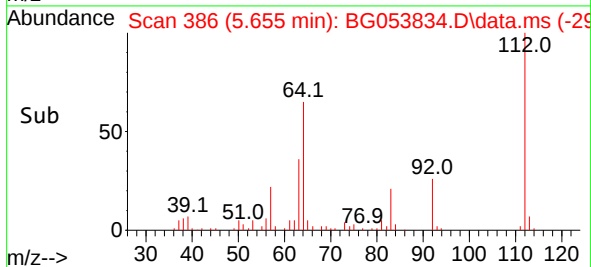
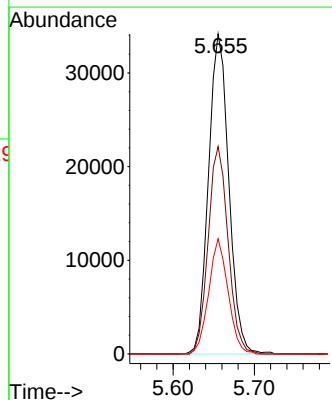
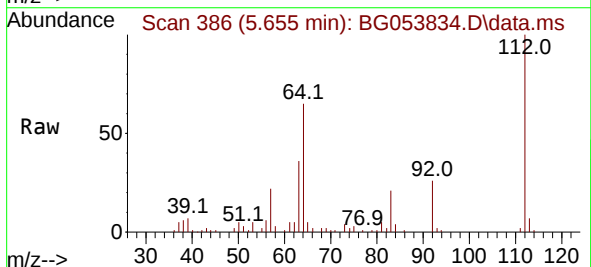
Instrument :
BNA_G
ClientSampleId :
20220425-AMENDED-COMP-E

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

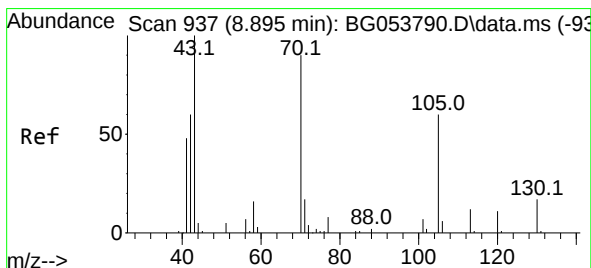
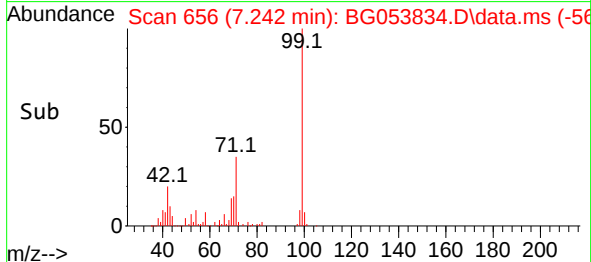
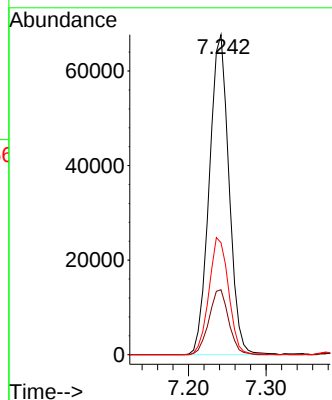
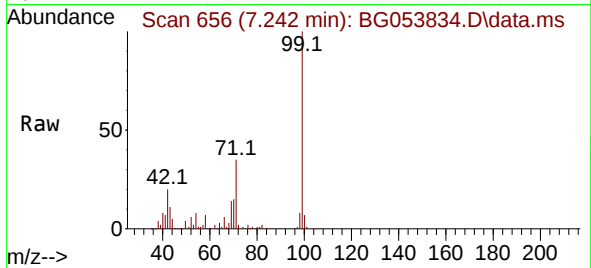




#7
Phenol-d6
Concen: 58.096 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

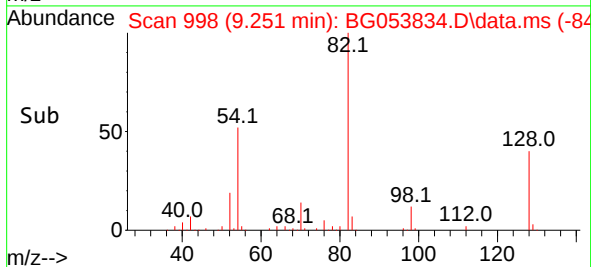
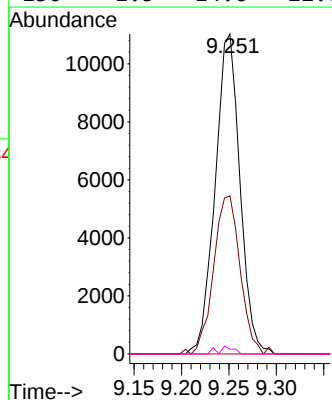
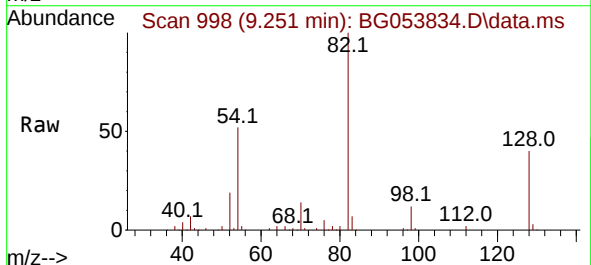
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ClientSampleId :
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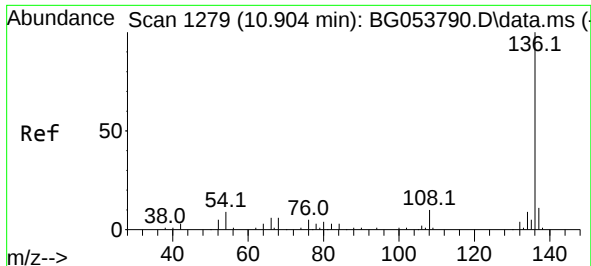
Tgt Ion: 99 Resp: 119419
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 35.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.804 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

Tgt Ion: 70 Resp: 20097
Ion Ratio Lower Upper
70 100
42 49.4 47.3 70.9
101 0.0 7.0 10.4#
130 1.5 14.6 22.0#

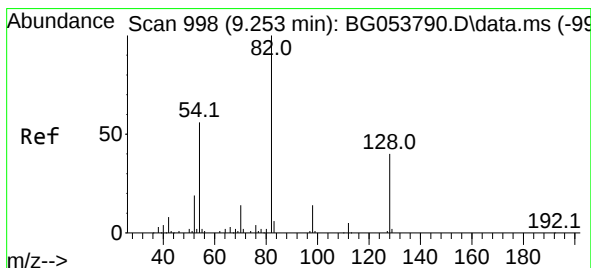
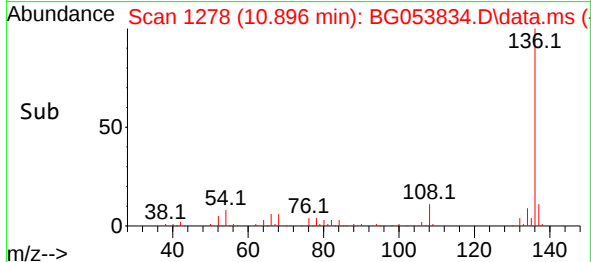
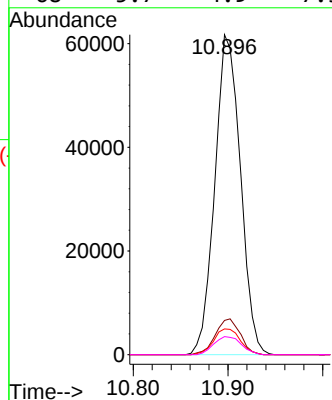
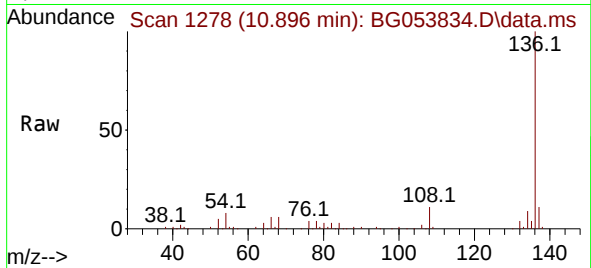




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

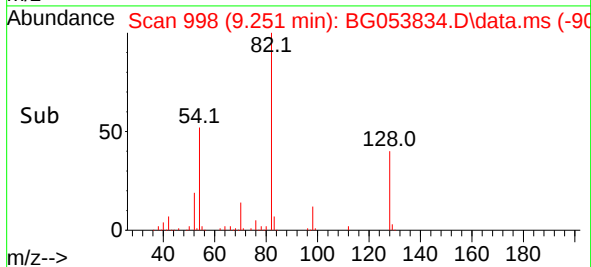
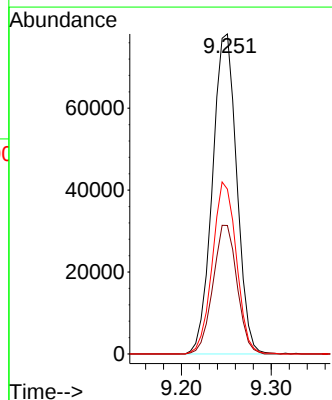
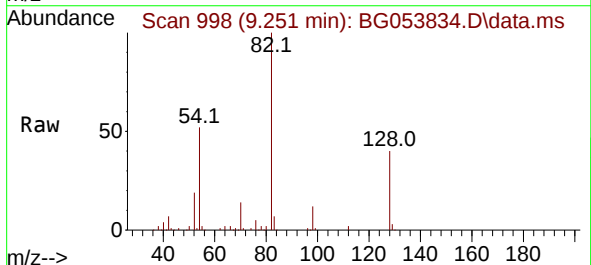
Instrument :
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ClientSampleId :
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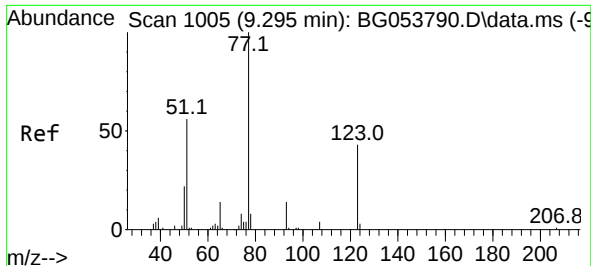
Tgt	Ion:136	Resp:	115808
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	8.0	7.4	11.2
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 83.288 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

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

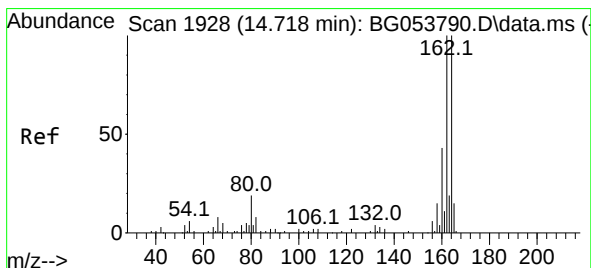
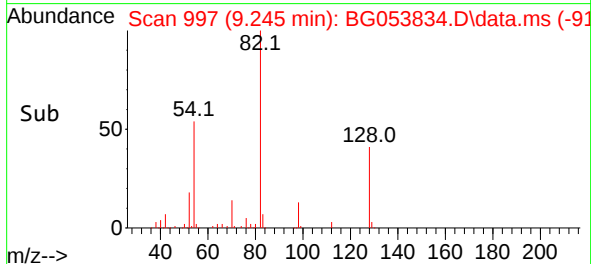
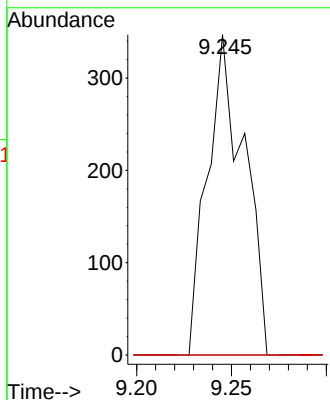
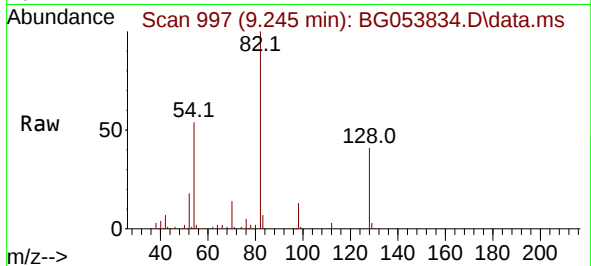




#24
Nitrobenzene
Concen: 3.195 ng
RT: 9.245 min Scan# 91
Delta R.T. -0.050 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

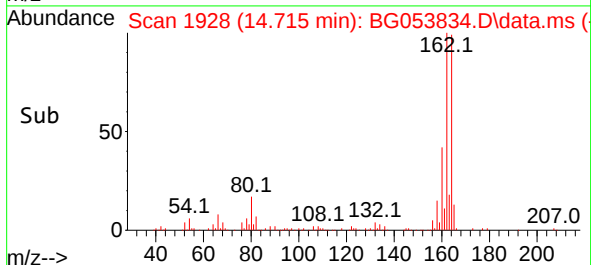
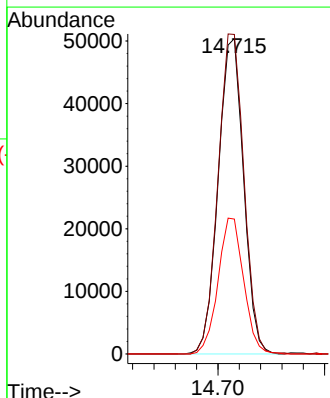
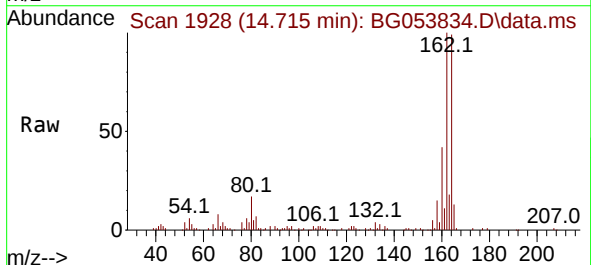
Instrument :
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ClientSampleId :
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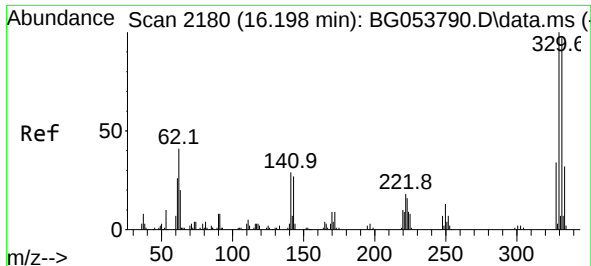
Tgt Ion: 77 Resp: 468
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#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

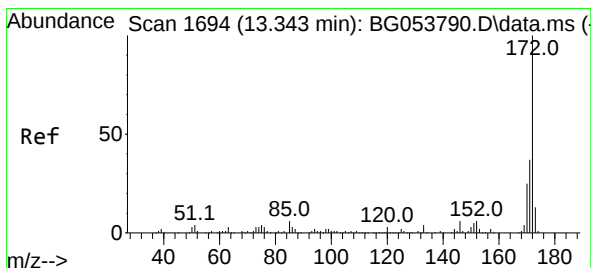
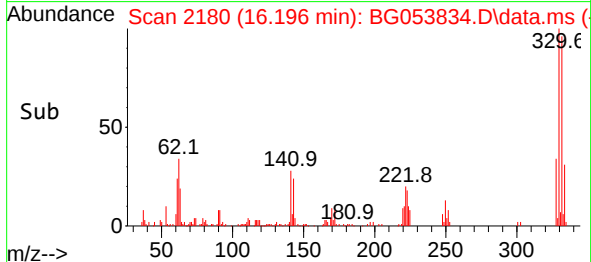
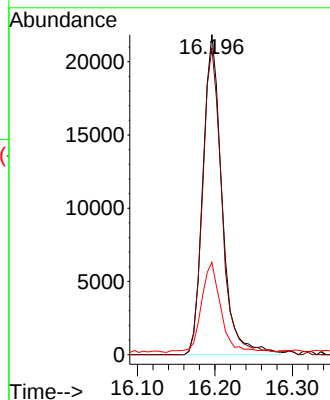
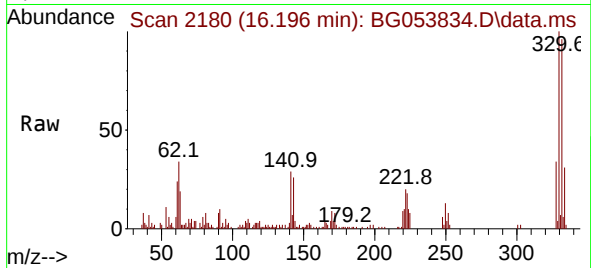




#42
2,4,6-Tribromophenol
Concen: 36.960 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

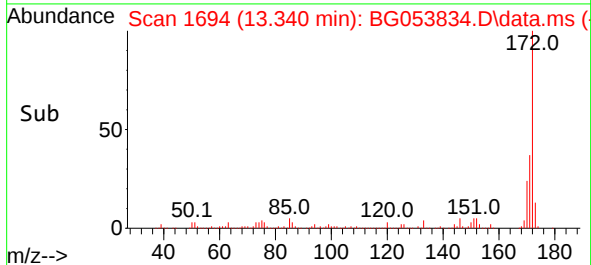
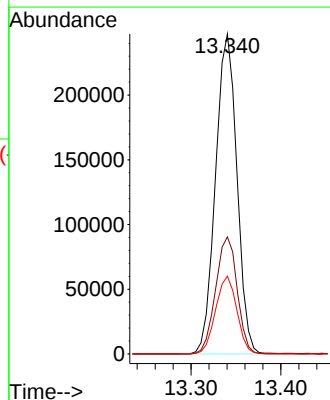
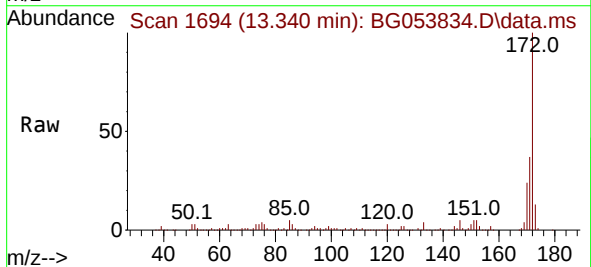
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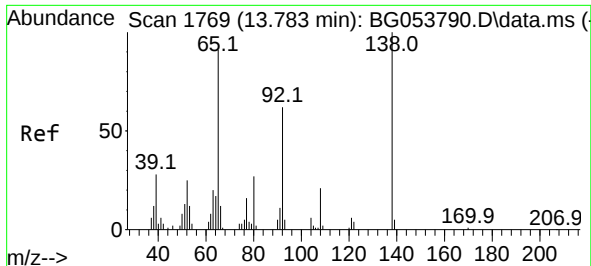
Tgt Ion:330 Resp: 37308
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 29.1 27.1 40.7



#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

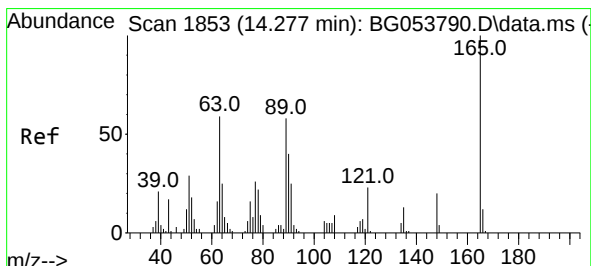
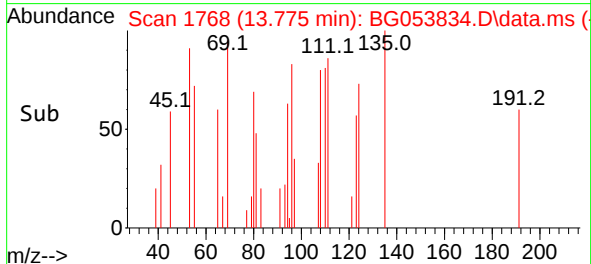
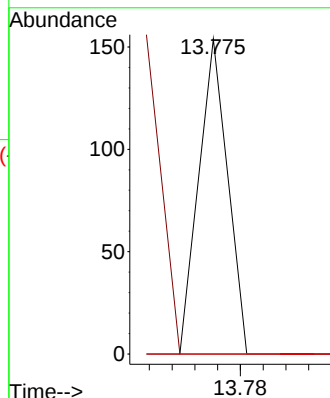
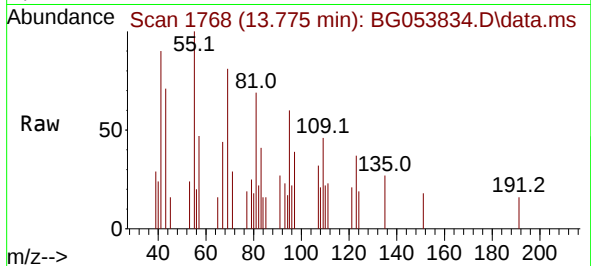




#48
2-Nitroaniline
Concen: 5.082 ng
RT: 13.775 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

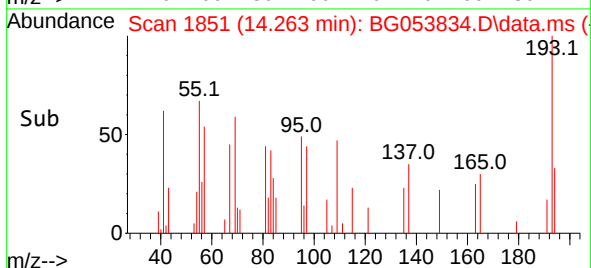
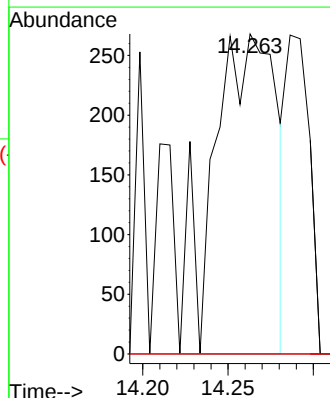
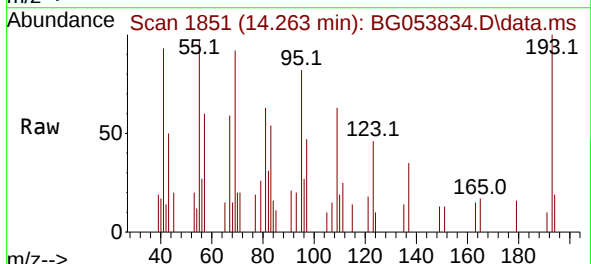
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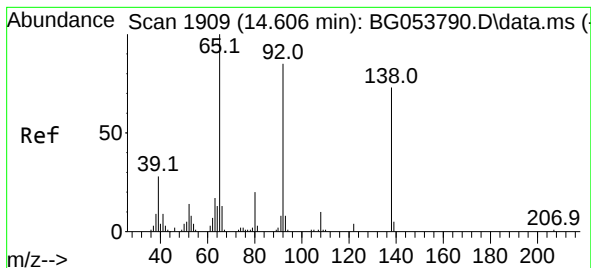
Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 4.617 ng
RT: 14.263 min Scan# 1851
Delta R.T. -0.014 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

Tgt Ion:165 Resp: 695
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

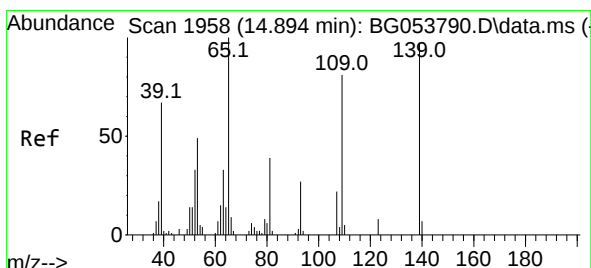
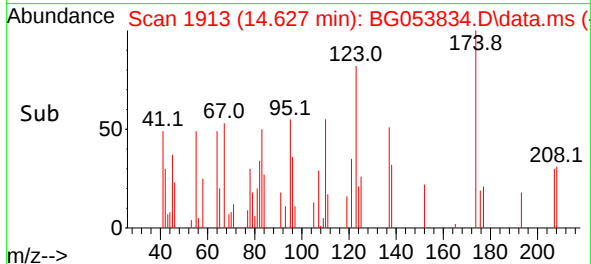
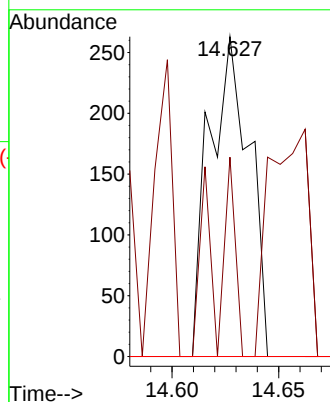
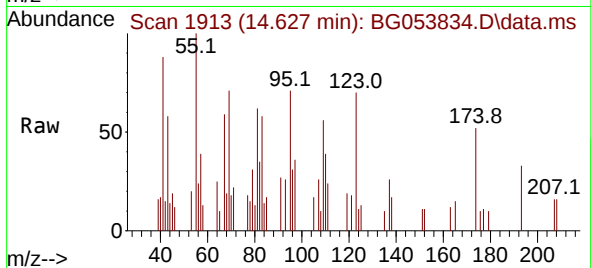




#53
3-Nitroaniline
Concen: 4.053 ng
RT: 14.627 min Scan# 1909
Delta R.T. 0.021 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

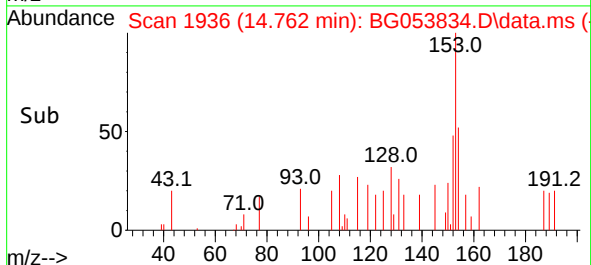
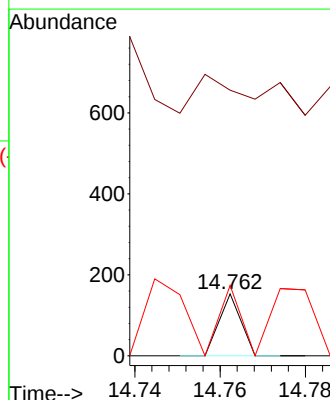
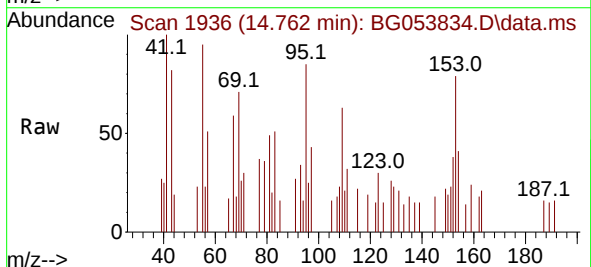
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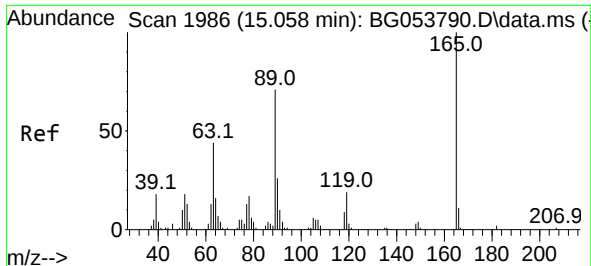
Tgt Ion:138 Resp: 344
Ion Ratio Lower Upper
138 100
108 62.4 9.2 13.8#
92 0.0 101.9 152.9#



#56
4-Nitrophenol
Concen: 4.670 ng
RT: 14.762 min Scan# 1936
Delta R.T. -0.132 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 428.8 88.5 128.5#
65 113.7 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 4.698 ng

RT: 15.168 min Scan# 2100

Delta R.T. 0.110 min

Lab File: BG053834.D

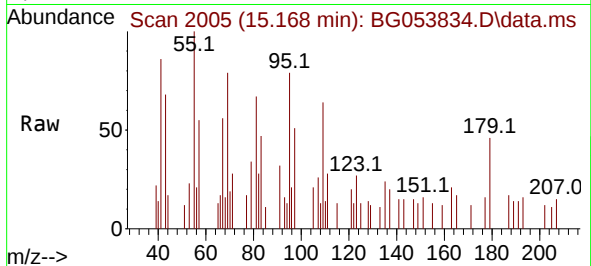
Acq: 6 Jun 2022 18:23

Instrument :

BNA_G

ClientSampleId :

20220425-AMENDED-COMP-E



Tgt Ion:165 Resp: 504

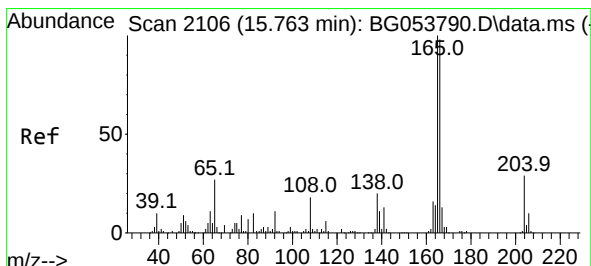
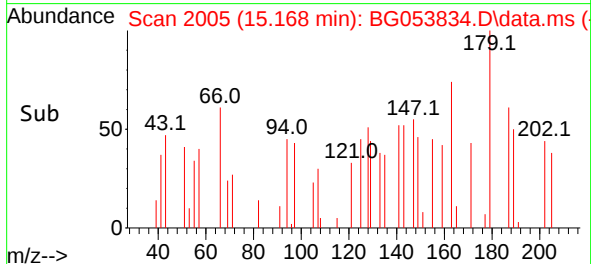
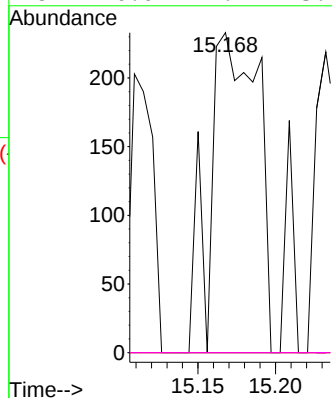
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#62

4-Nitroaniline

Concen: 2.405 ng

RT: 15.732 min Scan# 2101

Delta R.T. -0.031 min

Lab File: BG053834.D

Acq: 6 Jun 2022 18:23

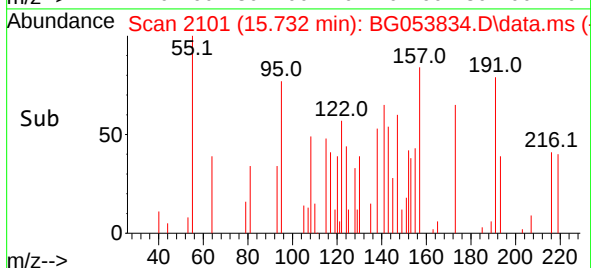
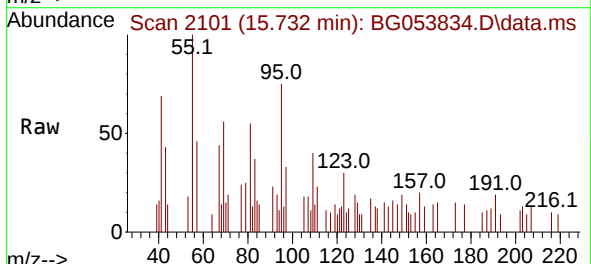
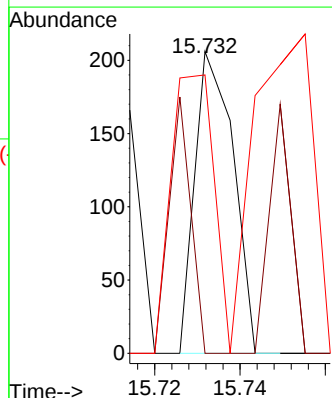
Tgt Ion:138 Resp: 129

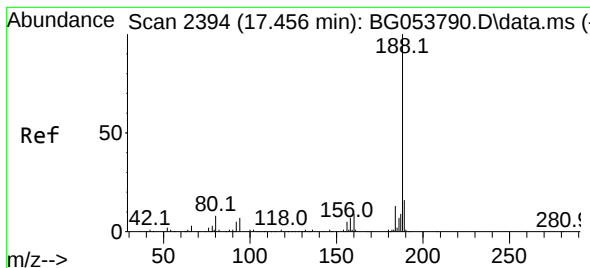
Ion Ratio Lower Upper

138 100

92 0.0 40.5 80.5#

108 92.2 103.7 143.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.453 min Scan# 2190

Delta R.T. -0.003 min

Lab File: BG053834.D

Acq: 6 Jun 2022 18:23

Instrument :

BNA_G

ClientSampleId :

20220425-AMENDED-COMP-E

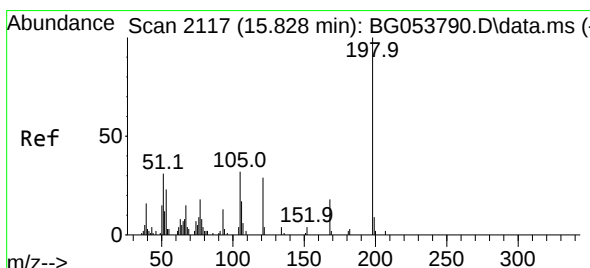
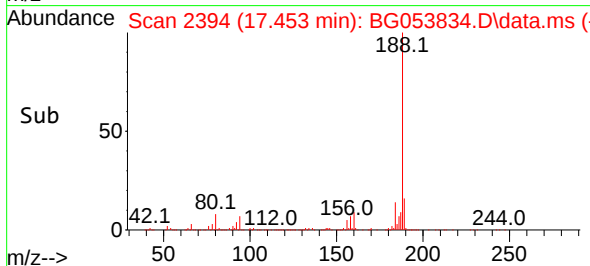
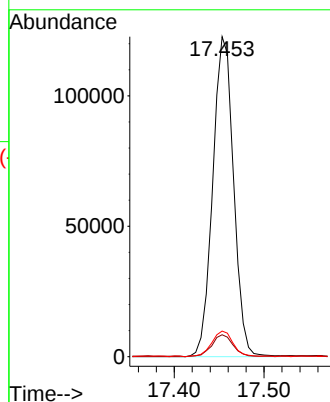
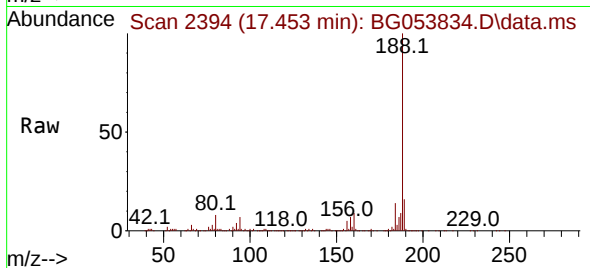
Tgt Ion:188 Resp: 197667

Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

80 8.0 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.667 ng

RT: 16.255 min Scan# 2190

Delta R.T. 0.427 min

Lab File: BG053834.D

Acq: 6 Jun 2022 18:23

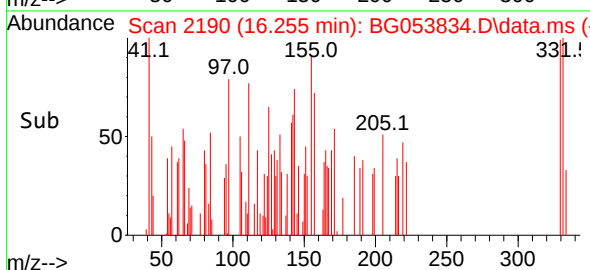
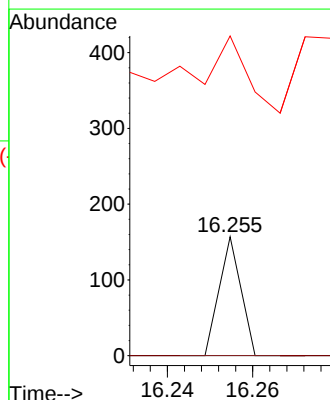
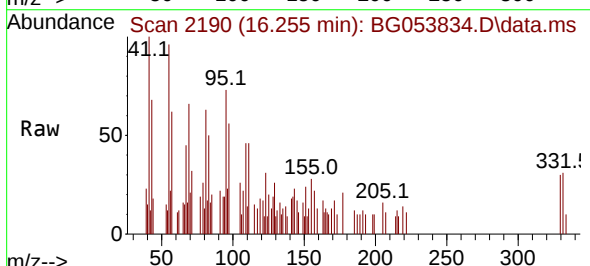
Tgt Ion:198 Resp: 55

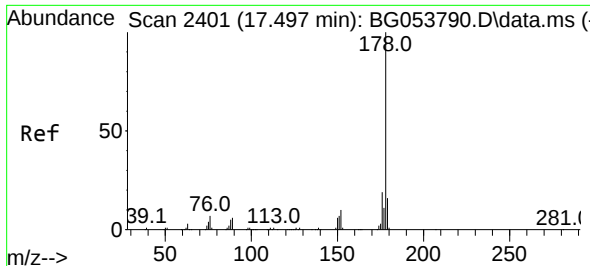
Ion Ratio Lower Upper

198 100

51 0.0 28.1 68.1#

105 268.8 20.3 60.3#

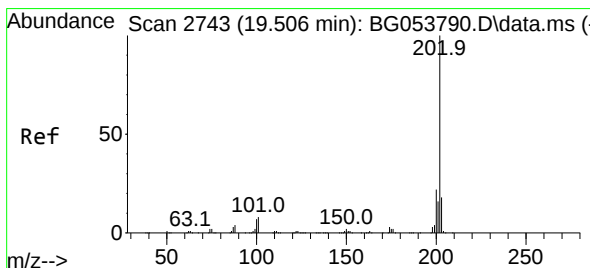
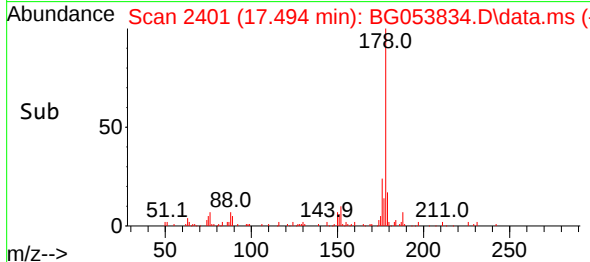
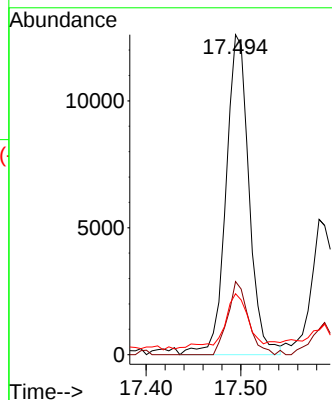
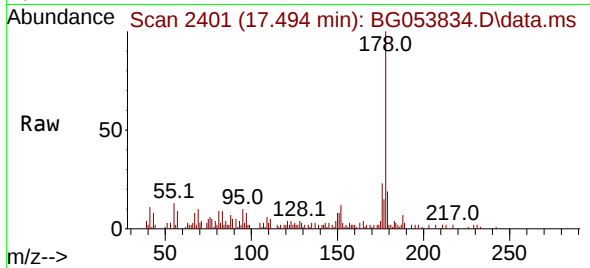




#71
Phenanthrene
Concen: 2.047 ng
RT: 17.494 min Scan# 2401
Delta R.T. -0.002 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

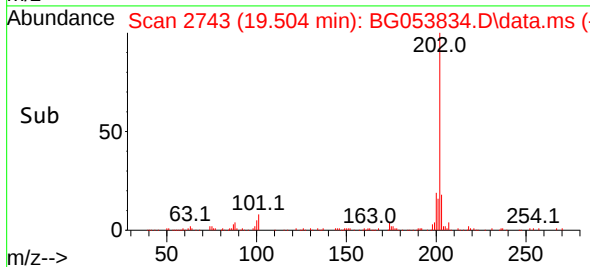
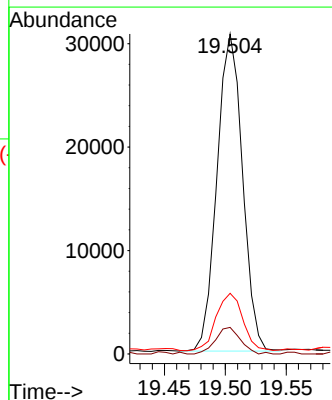
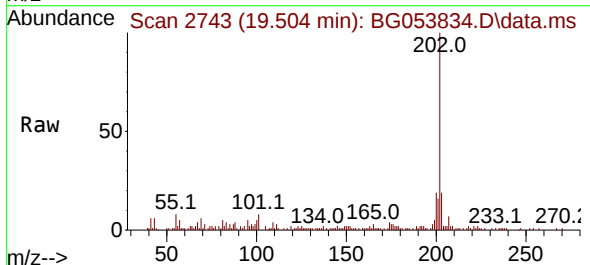
Instrument :
BNA_G
ClientSampleId :
20220425-AMENDED-COMP-E

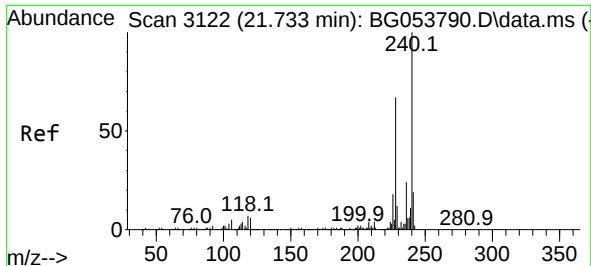
Tgt Ion:178 Resp: 21298
Ion Ratio Lower Upper
178 100
176 22.8 14.1 21.1#
179 19.0 12.1 18.1#



#75
Fluoranthene
Concen: 3.316 ng
RT: 19.504 min Scan# 2743
Delta R.T. -0.002 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

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

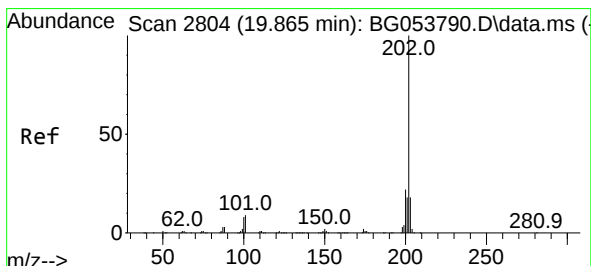
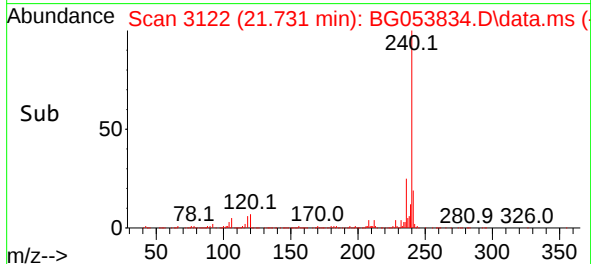
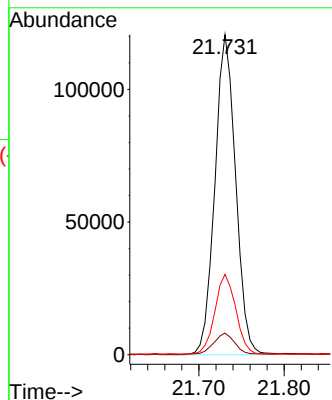
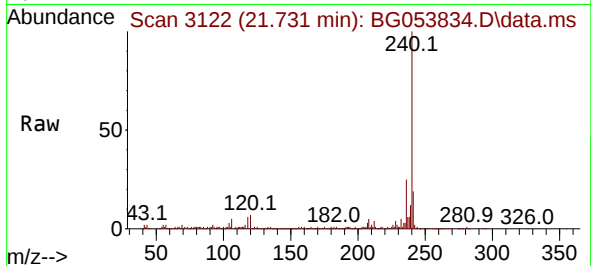




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

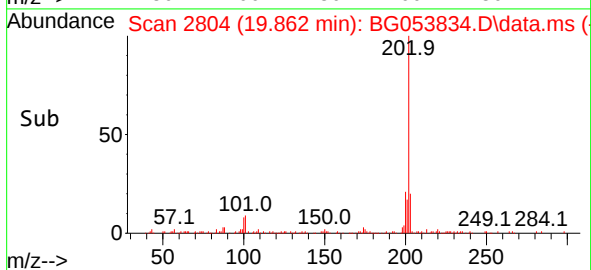
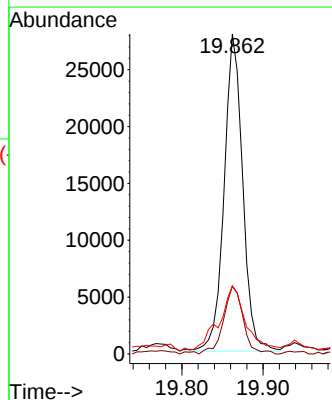
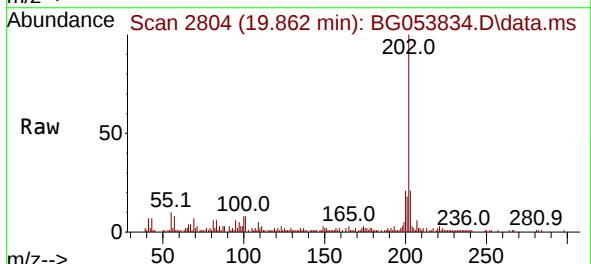
Instrument :
BNA_G
ClientSampleId :
20220425-AMENDED-COMP-E

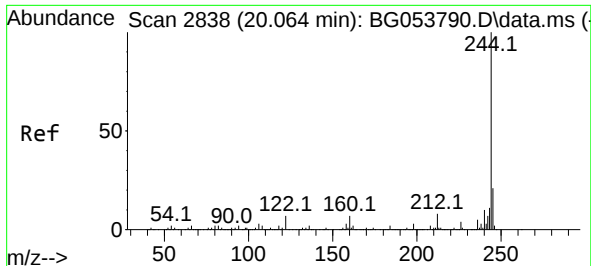
Tgt Ion:240 Resp: 204299
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 25.1 20.2 30.4



#78
Pyrene
Concen: 3.421 ng
RT: 19.862 min Scan# 2804
Delta R.T. -0.002 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

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

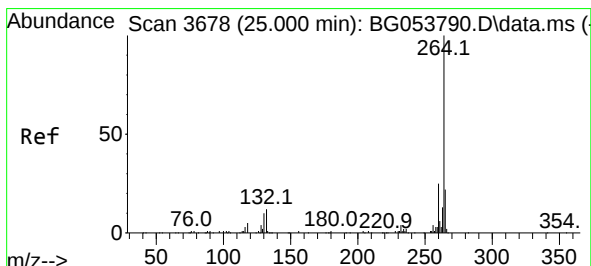
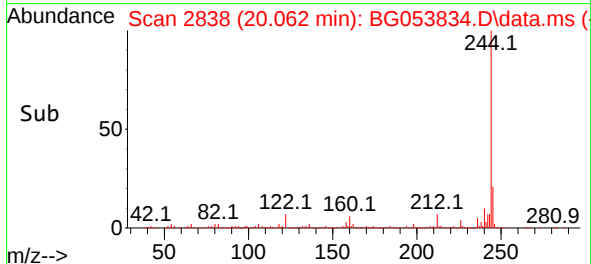
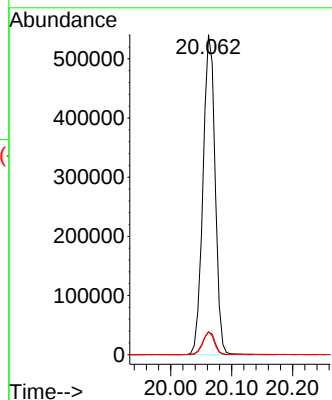
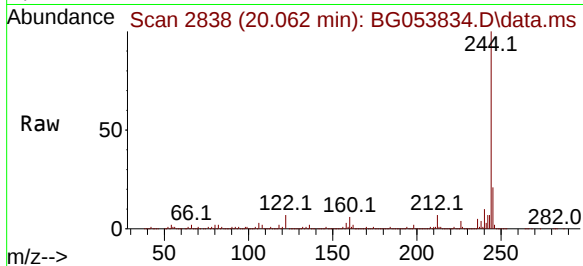




#79
 Terphenyl-d14
 Concen: 72.876 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053834.D
 Acq: 6 Jun 2022 18:23

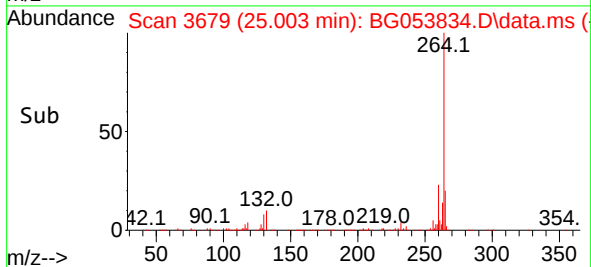
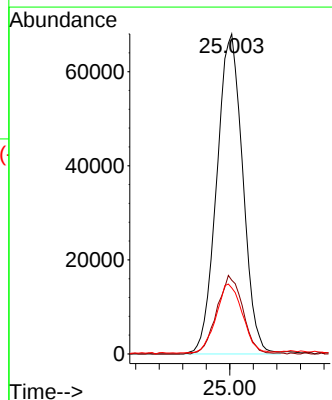
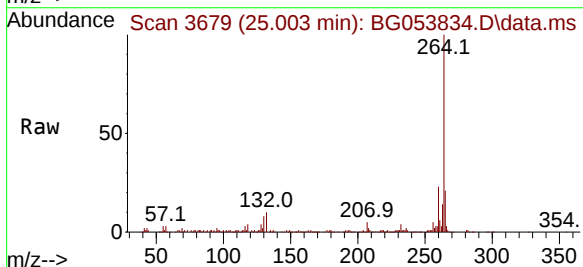
Instrument :
 BNA_G
 ClientSampleId :
 20220425-AMENDED-COMP-E

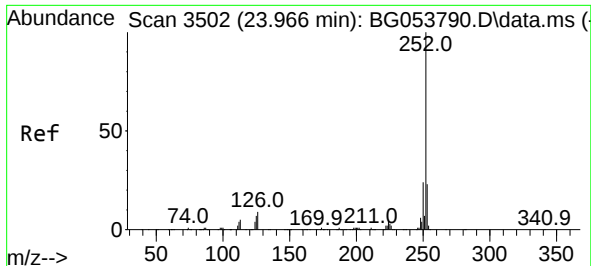
Tgt Ion:244 Resp: 748393
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 7.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.003 min Scan# 3679
 Delta R.T. 0.004 min
 Lab File: BG053834.D
 Acq: 6 Jun 2022 18:23

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

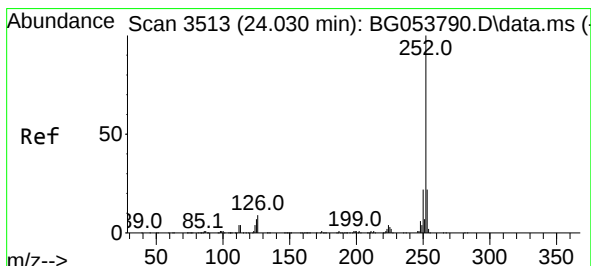
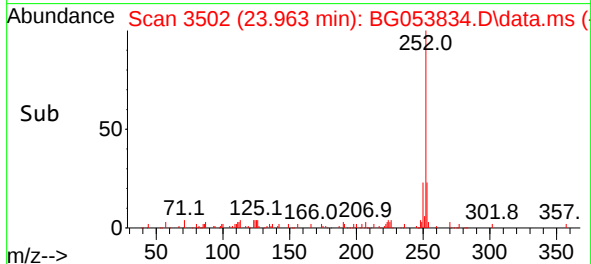
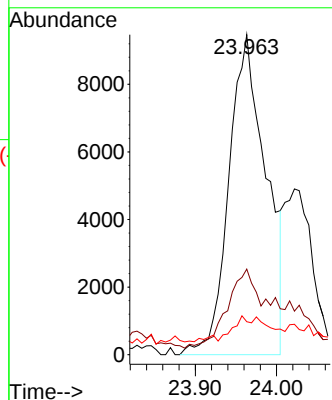
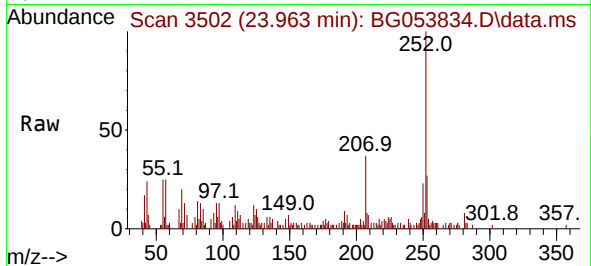




#88
Benzo(b)fluoranthene
Concen: 2.314 ng
RT: 23.963 min Scan# 3502
Delta R.T. -0.002 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

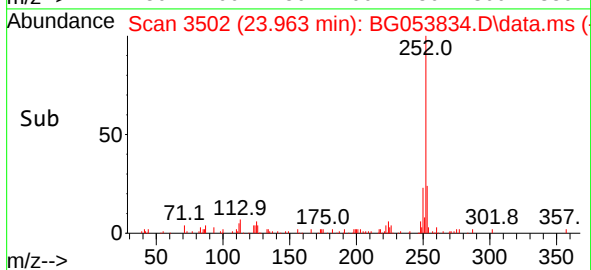
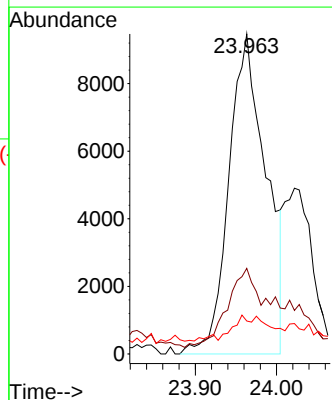
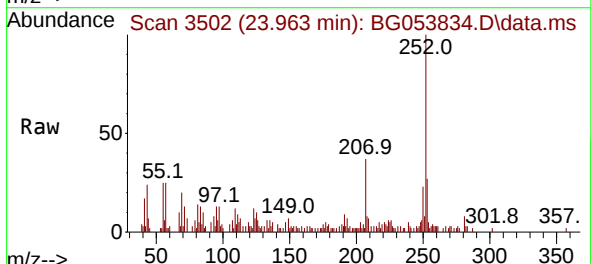
Instrument :
BNA_G
ClientSampleId :
20220425-AMENDED-COMP-E

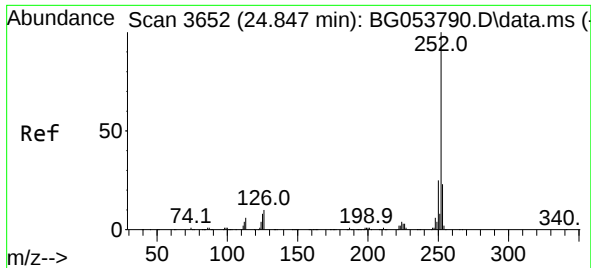
Tgt Ion:252 Resp: 30032
Ion Ratio Lower Upper
252 100
253 26.8 18.0 27.0
125 10.3 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 2.341 ng
RT: 23.963 min Scan# 3502
Delta R.T. -0.067 min
Lab File: BG053834.D
Acq: 6 Jun 2022 18:23

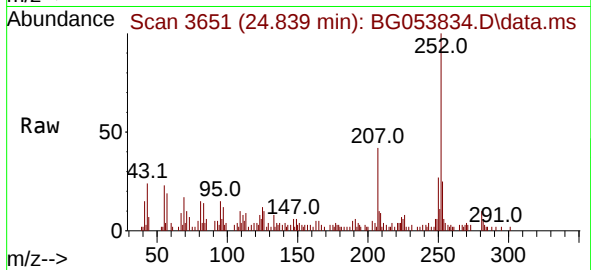
Tgt Ion:252 Resp: 30032
Ion Ratio Lower Upper
252 100
253 26.8 18.4 27.6
125 10.3 4.8 7.2#





#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#

