

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
 Data File : BG053839.D
 Acq On : 7 Jun 2022 15:04
 Operator : CG/JU
 Sample : N3189-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220423-AMENDED-COMPOSITE-CRX

Quant Time: Jun 08 02:50:53 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)

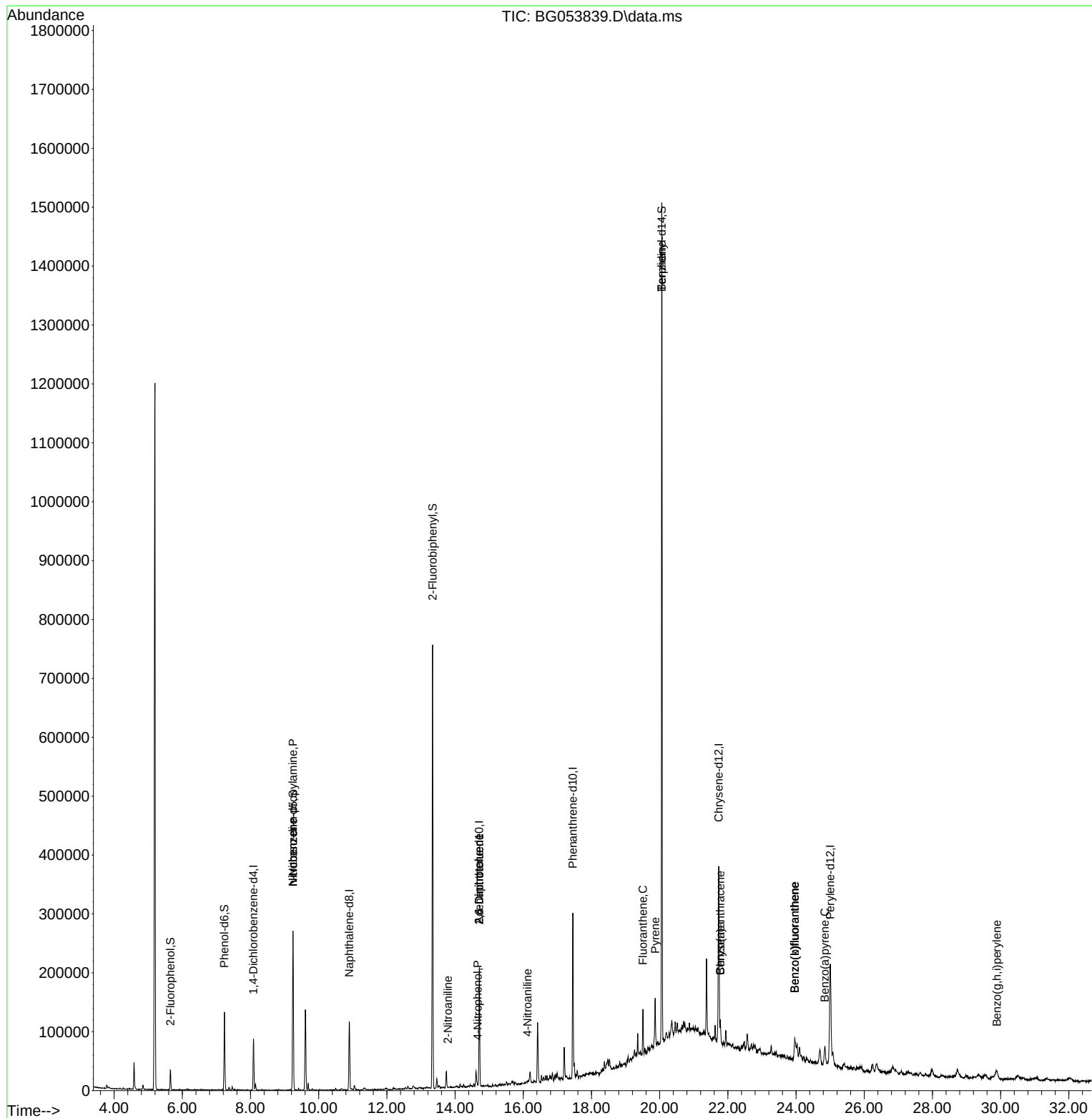
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	26581	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	108127	20.000	ng	0.00
39) Acenaphthene-d10	14.709	164	79239	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	192628	20.000	ng	0.00
76) Chrysene-d12	21.730	240	200745	20.000	ng	0.00
86) Perylene-d12	25.003	264	205728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	15949	11.018	ng	0.00
7) Phenol-d6	7.236	99	79163	40.373	ng	0.00
23) Nitrobenzene-d5	9.245	82	175369	106.506	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	1889	1.964	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	420906	79.466	ng	0.00
79) Terphenyl-d14	20.062	244	772417	76.547	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.245	70	23611	17.002	ng	# 83
24) Nitrobenzene	9.245	77	426	3.190	ng	# 48
48) 2-Nitroaniline	13.793	65	59	5.088	ng	# 10
51) 2,6-Dinitrotoluene	14.709	165	11090	13.795	ng	# 16
56) 4-Nitrophenol	14.662	139	56	4.675	ng	# 23
57) 2,4-Dinitrotoluene	14.709	165	11090	11.499	ng	# 21
62) 4-Nitroaniline	16.125	138	57	2.353	ng	# 1
75) Fluoranthene	19.509	202	47703	3.627	ng	95
77) Benzidine	20.062	184	10949	2.230	ng	96
78) Pyrene	19.868	202	54768	4.290	ng	99
81) Benzo(a)anthracene	21.777	228	31879	2.392	ng	94
83) Chrysene	21.777	228	31879	2.534	ng	96
88) Benzo(b)fluoranthene	23.963	252	46393	3.632	ng	# 99
89) Benzo(k)fluoranthene	23.963	252	46393	3.675	ng	98
90) Benzo(a)pyrene	24.844	252	39421	3.650	ng	# 95
92) Benzo(g,h,i)perylene	29.891	276	26229	2.124	ng	# 92

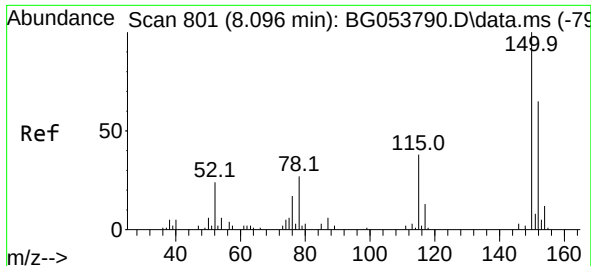
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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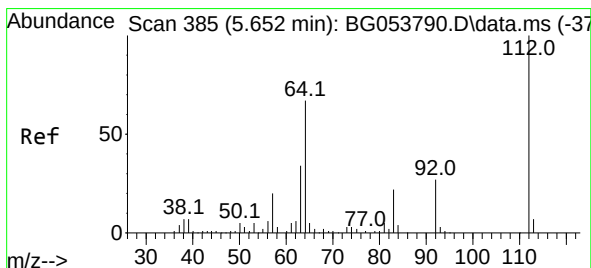
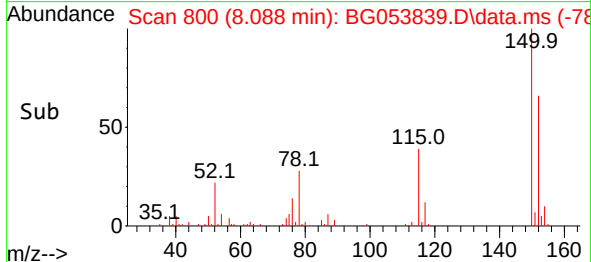
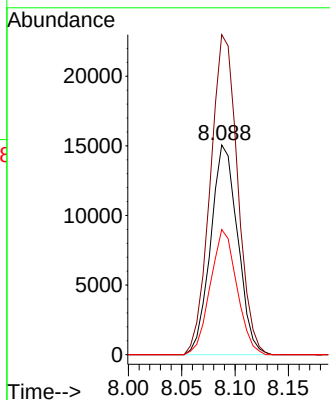
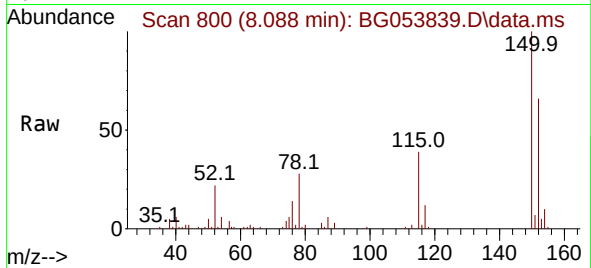




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

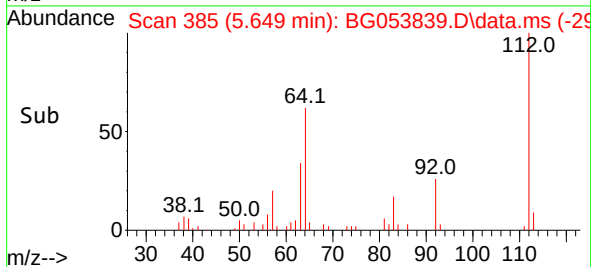
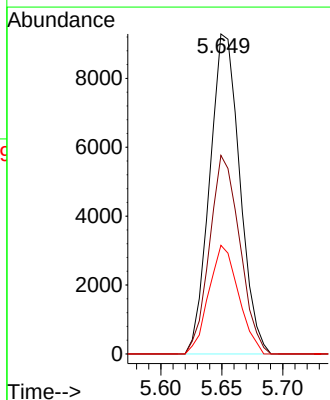
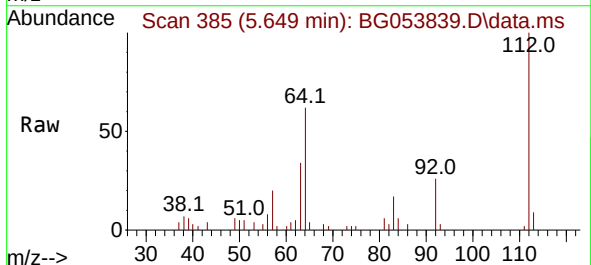
Instrument :
BNA_G
ClientSampleId :
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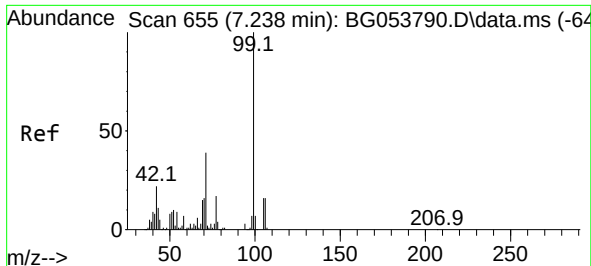
Tgt Ion:152 Resp: 26581
Ion Ratio Lower Upper
152 100
150 152.5 131.6 197.4
115 59.7 50.9 76.3



#5
2-Fluorophenol
Concen: 11.018 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

Tgt Ion:112 Resp: 15949
Ion Ratio Lower Upper
112 100
64 62.1 55.1 82.7
63 33.9 30.4 45.6

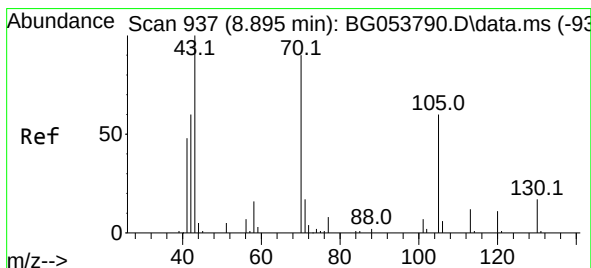
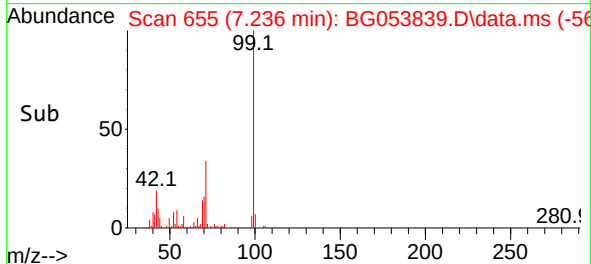
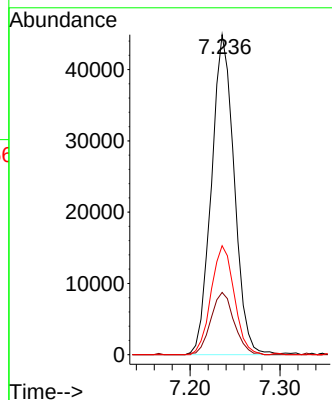
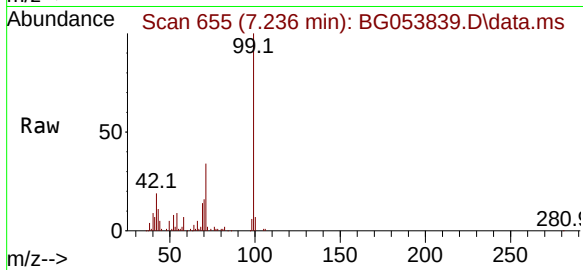




#7
Phenol-d6
Concen: 40.373 ng
RT: 7.236 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

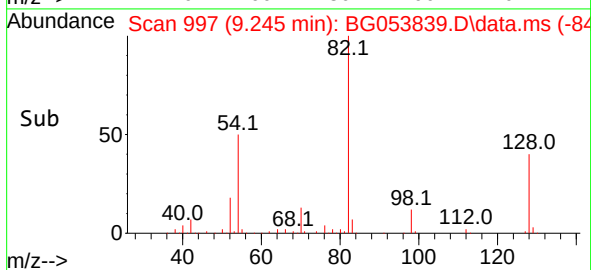
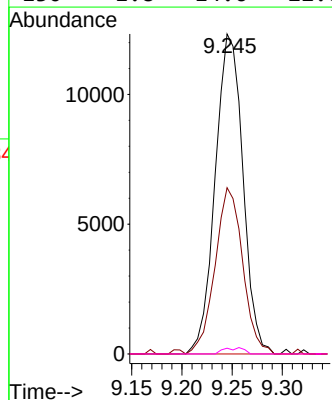
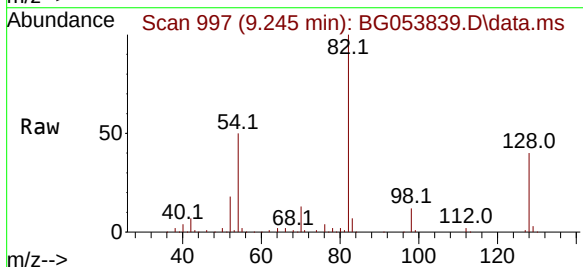
Instrument :
BNA_G
ClientSampleId :
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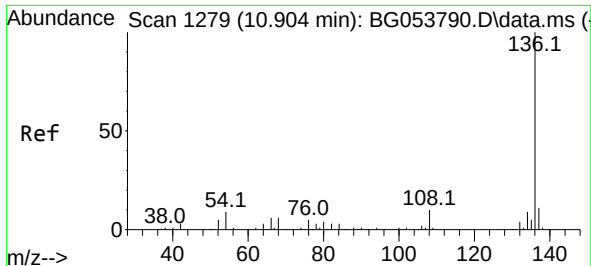
Tgt Ion: 99 Resp: 79163
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.6
71 34.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.002 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.350 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

Tgt Ion: 70 Resp: 23611
Ion Ratio Lower Upper
70 100
42 51.9 47.3 70.9
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

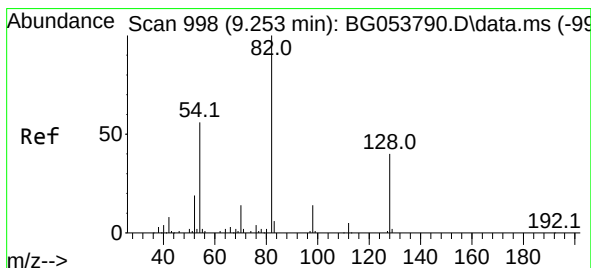
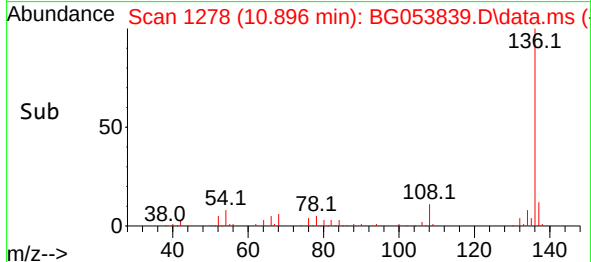
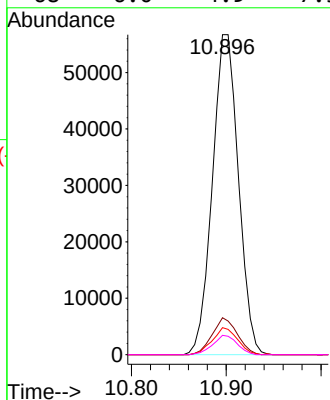
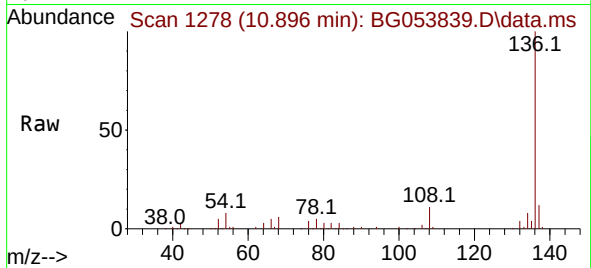




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

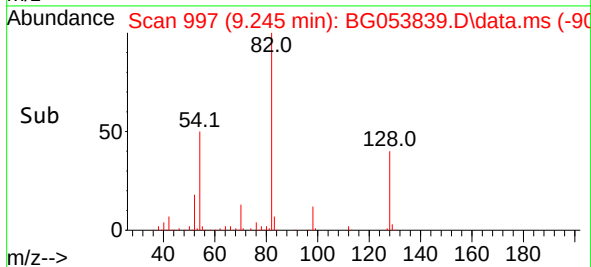
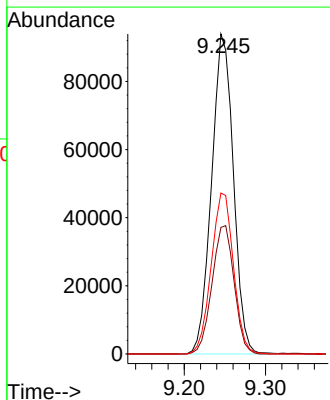
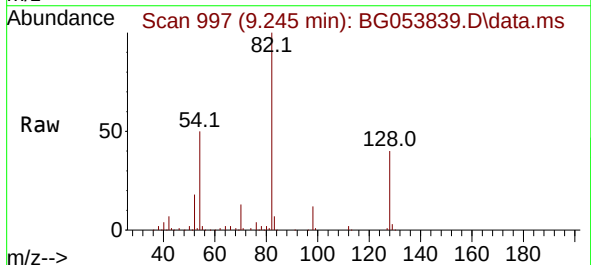
Instrument :
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ClientSampleId :
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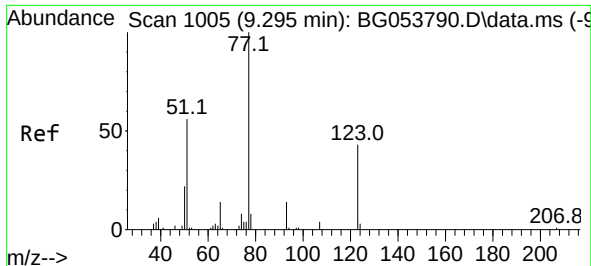
Tgt Ion:	136	Resp:	108127
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.5	12.7
54	8.4	7.4	11.2
68	6.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 106.506 ng
RT: 9.245 min Scan# 997
Delta R.T. -0.008 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

Tgt Ion:	82	Resp:	175369
Ion Ratio	Lower	Upper	
82	100		
128	39.5	27.9	41.9
54	50.3	41.2	61.8

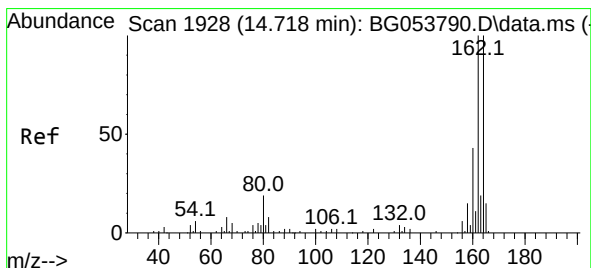
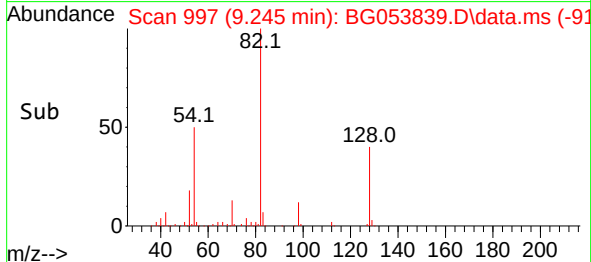
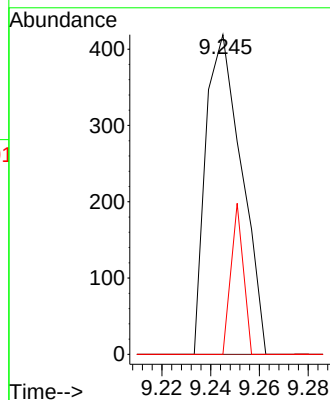
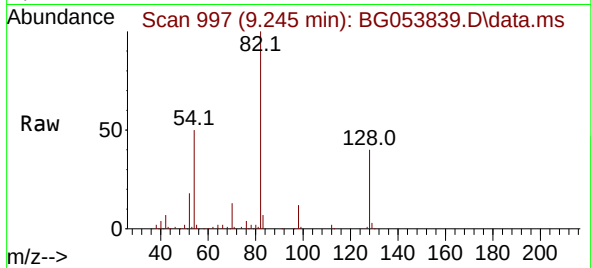




#24
Nitrobenzene
Concen: 3.190 ng
RT: 9.245 min Scan# 91
Delta R.T. -0.050 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

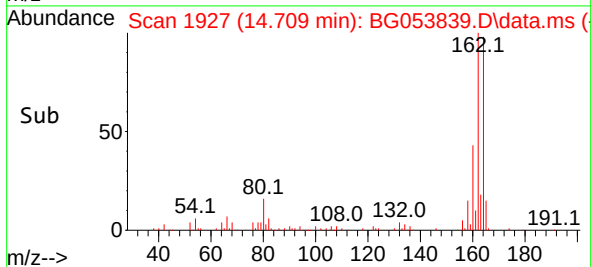
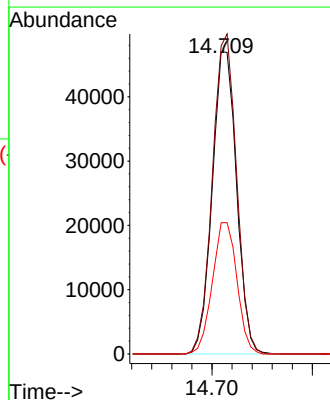
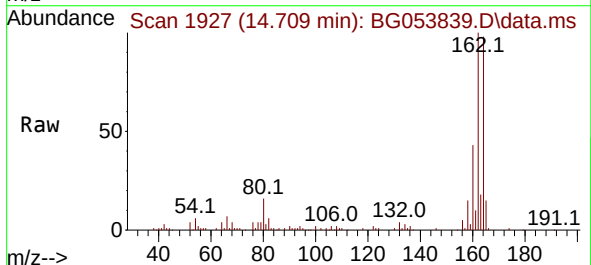
Instrument :
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ClientSampleId :
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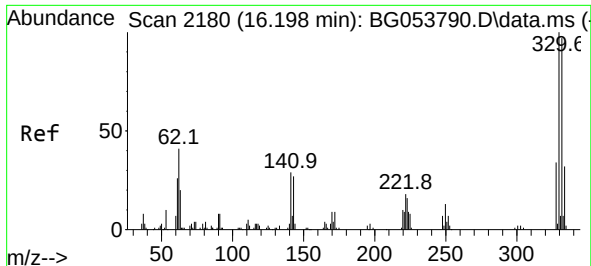
Tgt Ion: 77 Resp: 426
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.709 min Scan# 1927
Delta R.T. -0.009 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

Tgt Ion: 164 Resp: 79239
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 43.4 34.2 51.2

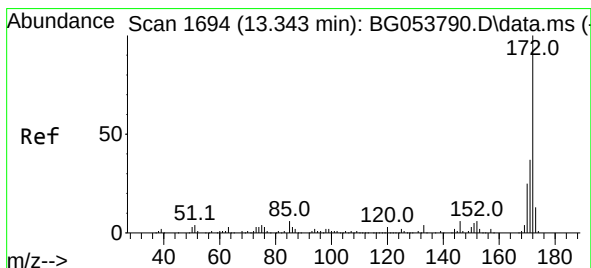
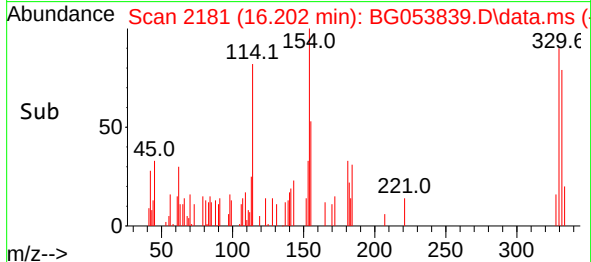
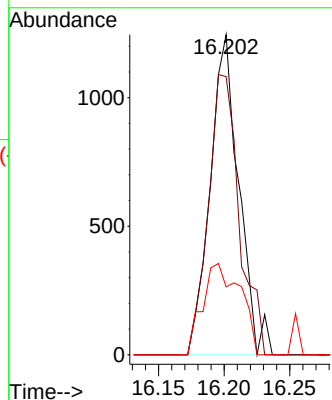
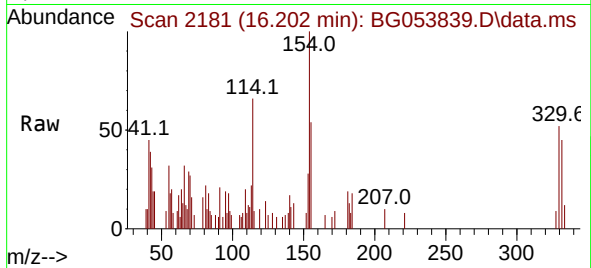




#42
2,4,6-Tribromophenol
Concen: 1.964 ng
RT: 16.202 min Scan# 2180
Delta R.T. 0.004 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

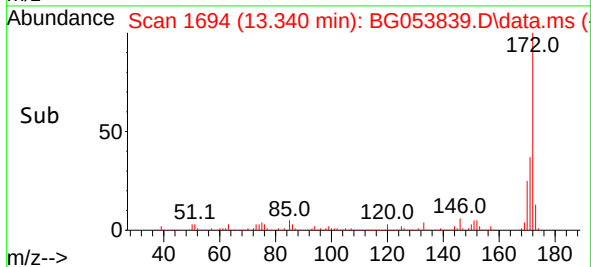
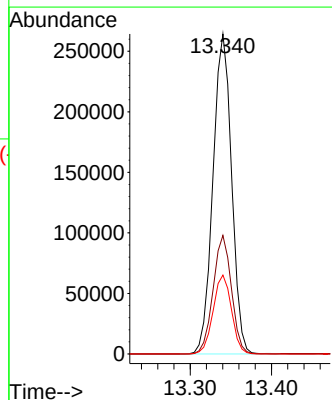
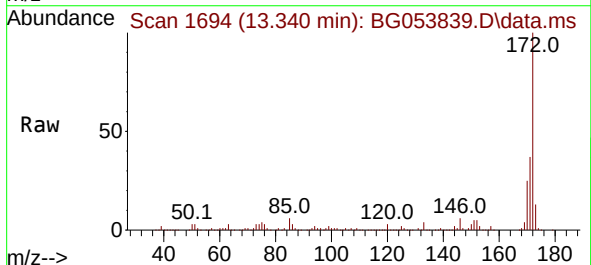
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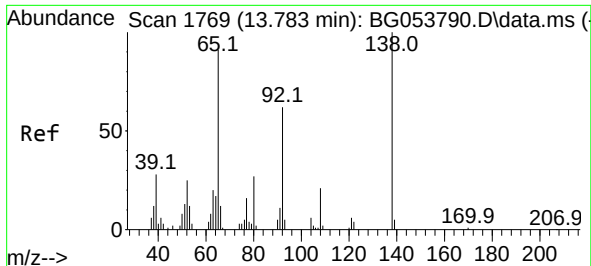
Tgt Ion:330 Resp: 1889
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 37.6 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 79.466 ng
RT: 13.340 min Scan# 1694
Delta R.T. -0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

Tgt Ion:172 Resp: 420906
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.7 18.9 28.3

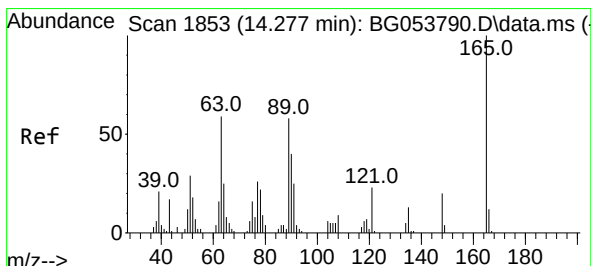
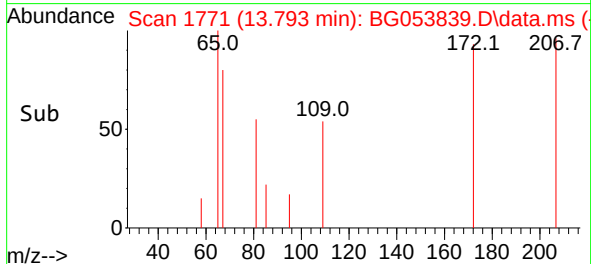
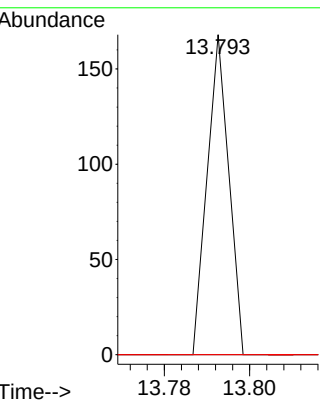
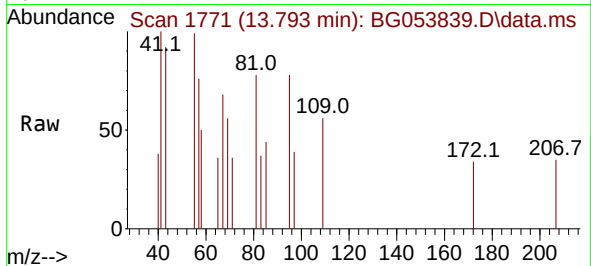




#48
2-Nitroaniline
Concen: 5.088 ng
RT: 13.793 min Scan# 11
Delta R.T. 0.010 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

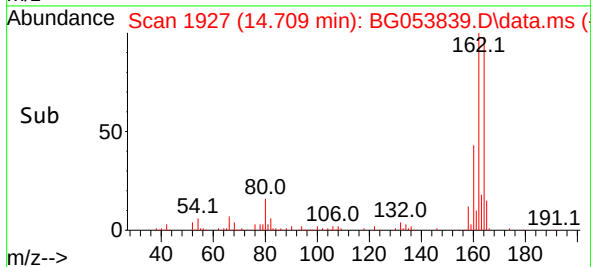
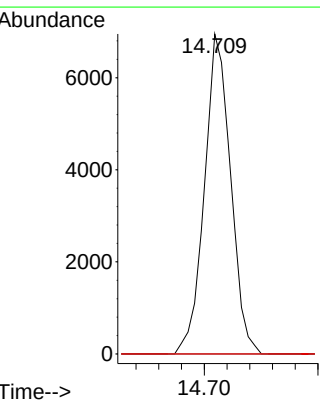
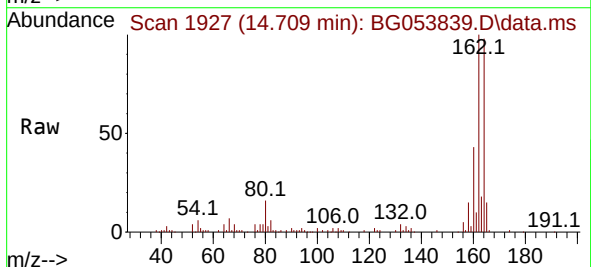
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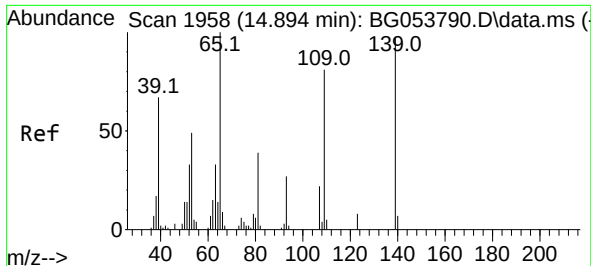
Tgt Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.795 ng
RT: 14.709 min Scan# 1927
Delta R.T. 0.432 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

Tgt Ion: 165 Resp: 11090
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

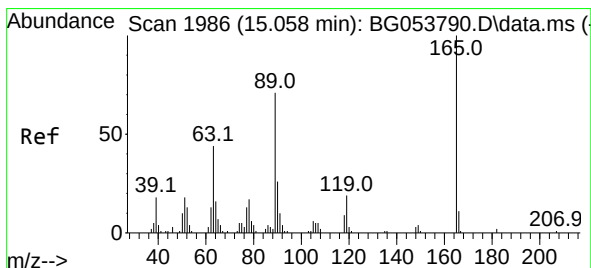
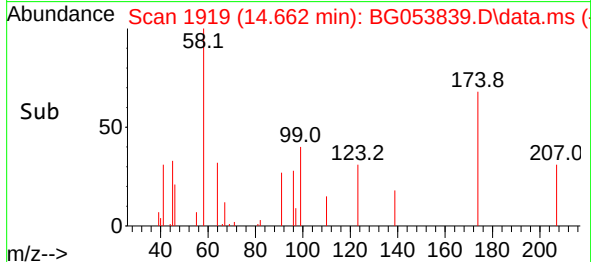
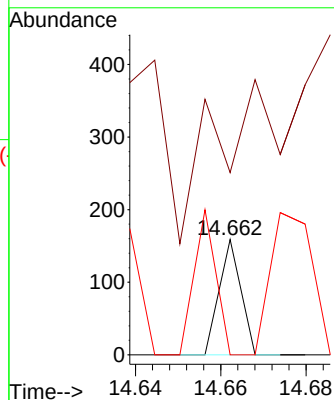
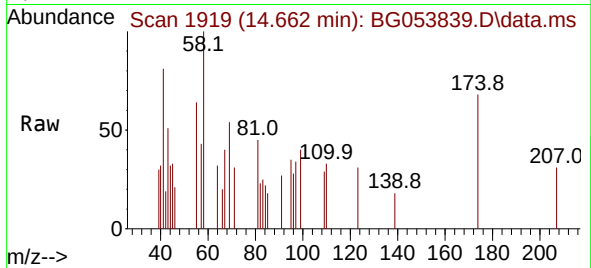




#56
4-Nitrophenol
Concen: 4.675 ng
RT: 14.662 min Scan# 1919
Delta R.T. -0.232 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

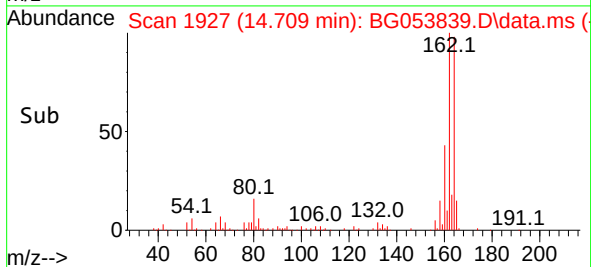
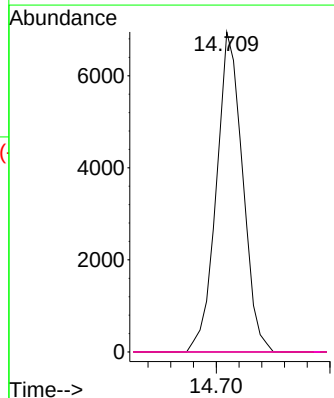
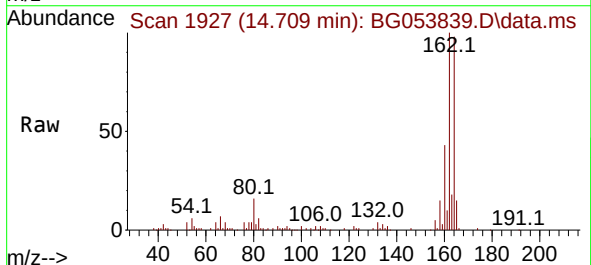
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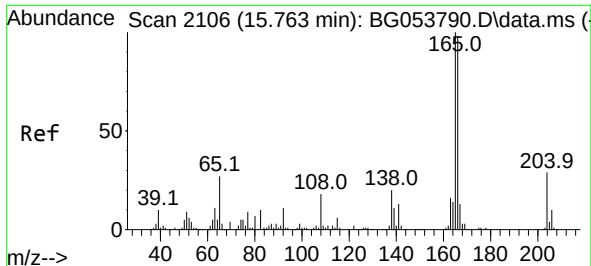
Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 157.9 88.5 128.5#
65 0.0 93.9 133.9#



#57
2,4-Dinitrotoluene
Concen: 11.499 ng
RT: 14.709 min Scan# 1927
Delta R.T. -0.349 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

Tgt Ion:165 Resp: 11090
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#

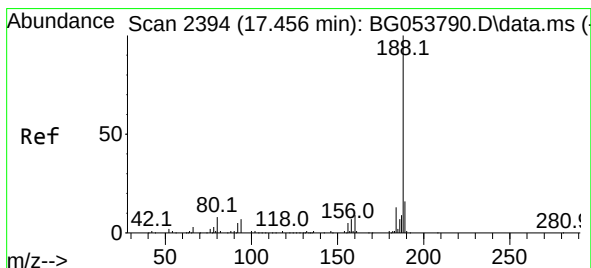
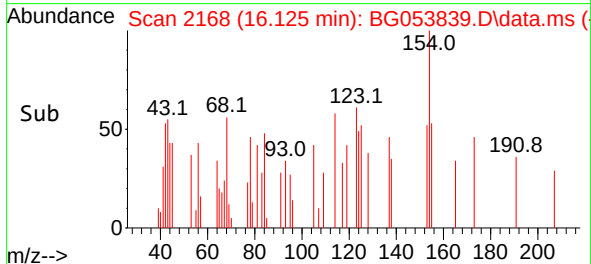
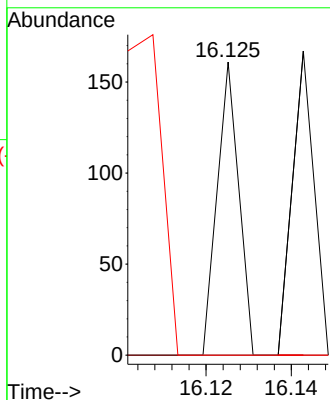
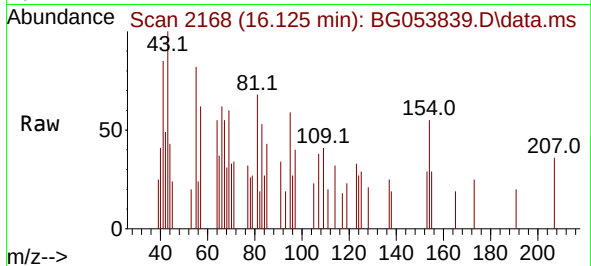




#62
4-Nitroaniline
Concen: 2.353 ng
RT: 16.125 min Scan# 2106
Delta R.T. 0.362 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

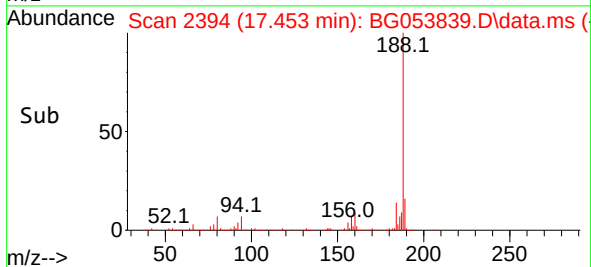
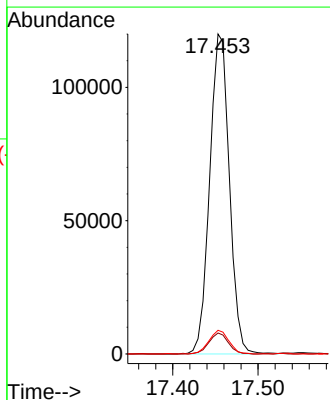
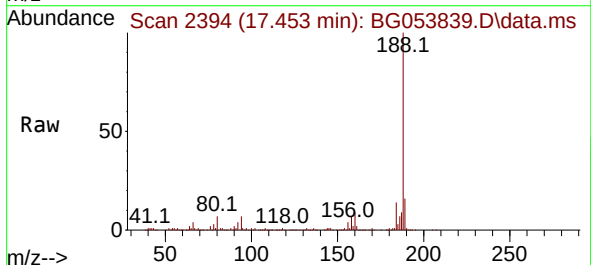
Instrument :
BNA_G
ClientSampleId :
20220423-AMENDED-COMPOSITE-CRX

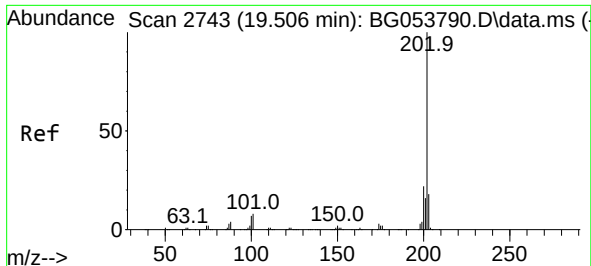
Tgt Ion:138 Resp: 57
Ion Ratio Lower Upper
138 100
92 0.0 40.5 80.5#
108 0.0 103.7 143.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 2394
Delta R.T. -0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

Tgt Ion:188 Resp: 192628
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 7.4 6.8 10.2

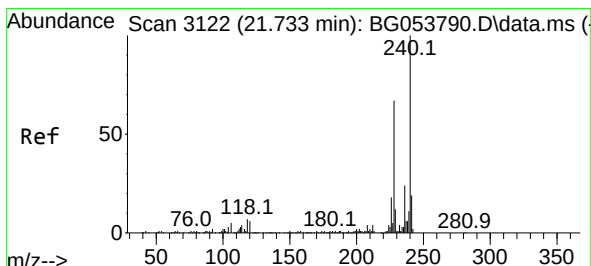
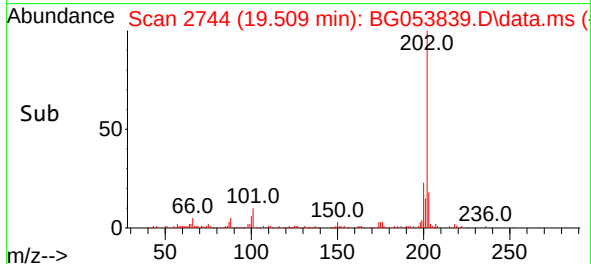
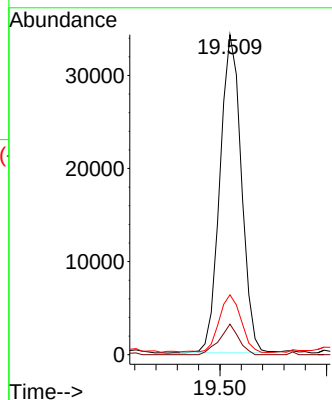
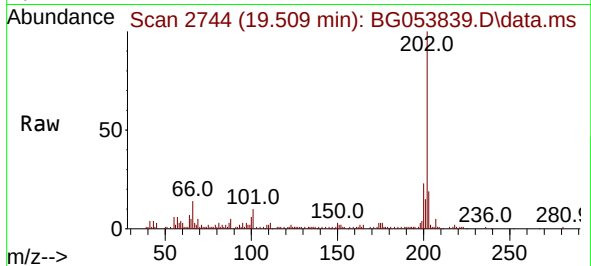




#75
Fluoranthene
Concen: 3.627 ng
RT: 19.509 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

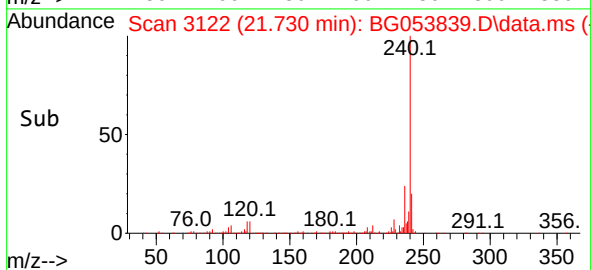
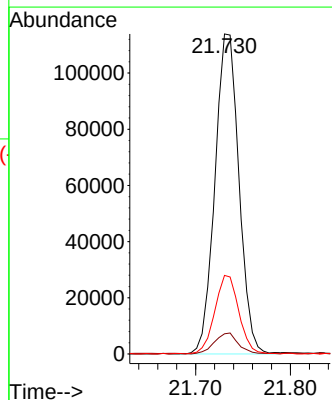
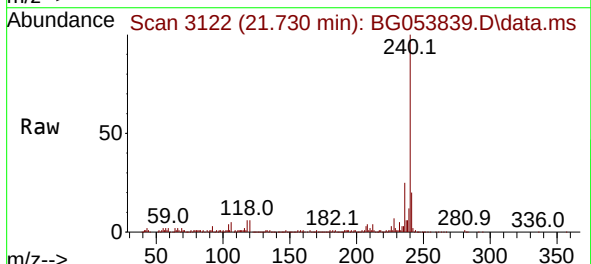
Instrument :
BNA_G
ClientSampleId :
20220423-AMENDED-COMPOSITE-CRX

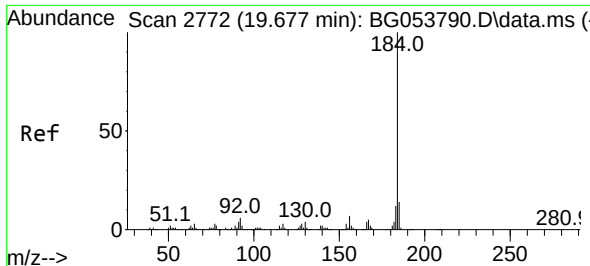
Tgt Ion:202 Resp: 47703
Ion Ratio Lower Upper
202 100
101 9.5 0.0 26.9
203 18.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

Tgt Ion:240 Resp: 200745
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 24.6 20.2 30.4

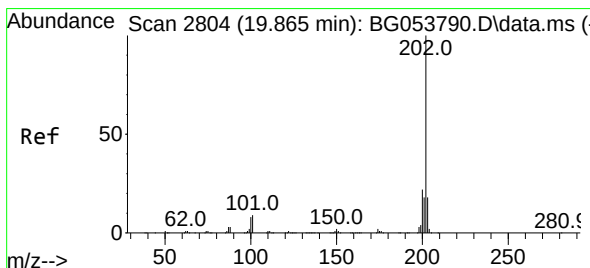
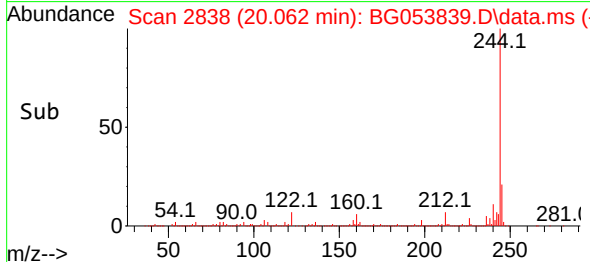
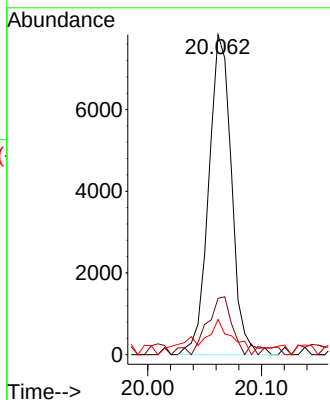
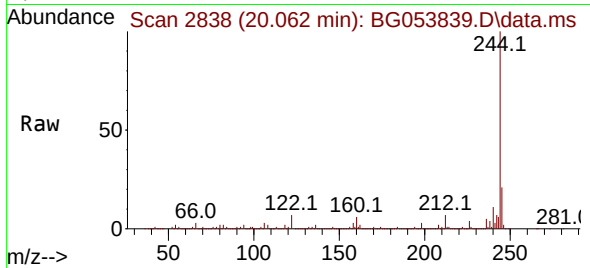




#77
Benzidine
Concen: 2.230 ng
RT: 20.062 min Scan# 21
Delta R.T. 0.385 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

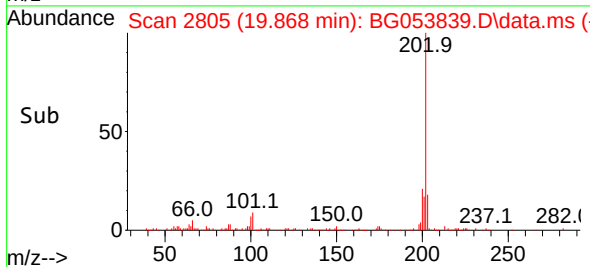
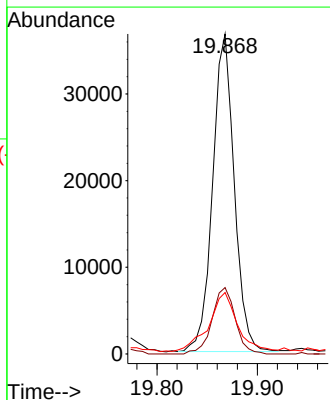
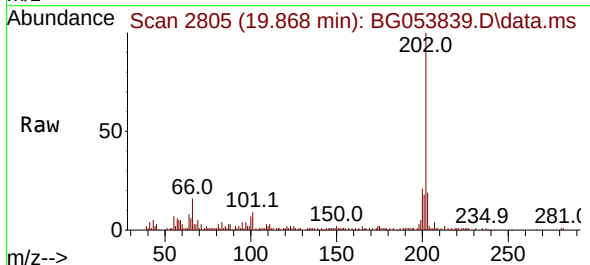
Instrument :
BNA_G
ClientSampleId :
20220423-AMENDED-COMPOSITE-CRX

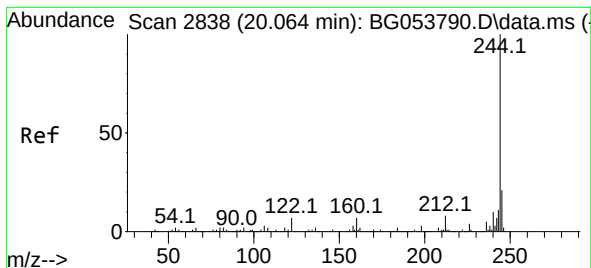
Tgt Ion:184 Resp: 10949
Ion Ratio Lower Upper
184 100
185 17.6 11.8 17.6
183 11.0 8.9 13.3



#78
Pyrene
Concen: 4.290 ng
RT: 19.868 min Scan# 2805
Delta R.T. 0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

Tgt Ion:202 Resp: 54768
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 19.2 14.6 21.8





#79

Terphenyl-d14

Concen: 76.547 ng

RT: 20.062 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053839.D

Acq: 7 Jun 2022 15:04

Instrument :

BNA_G

ClientSampleId :

20220423-AMENDED-COMPOSITE-CRX

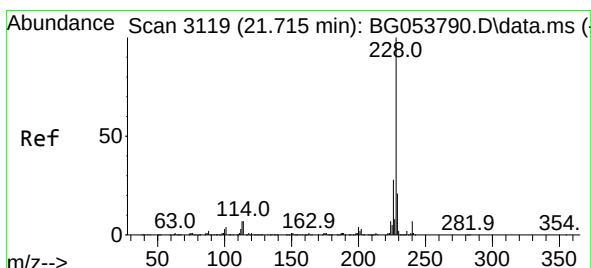
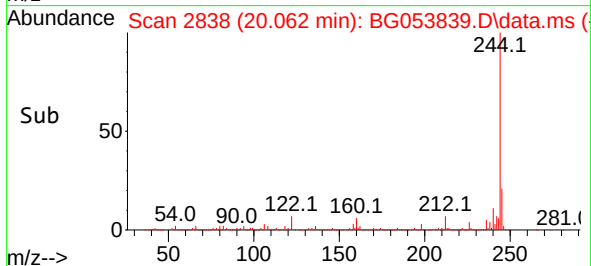
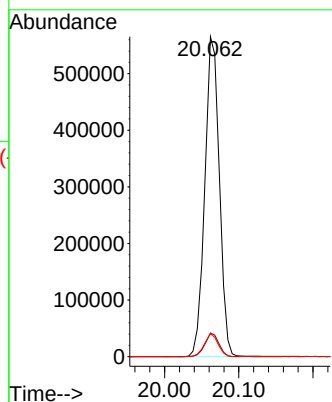
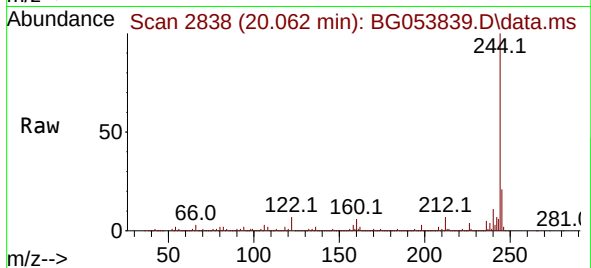
Tgt Ion:244 Resp: 772417

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 7.2 5.0 7.4



#81

Benzo(a)anthracene

Concen: 2.392 ng

RT: 21.777 min Scan# 3130

Delta R.T. 0.062 min

Lab File: BG053839.D

Acq: 7 Jun 2022 15:04

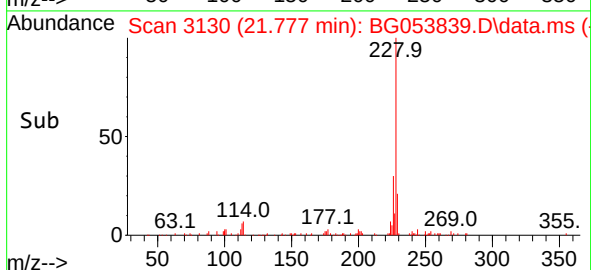
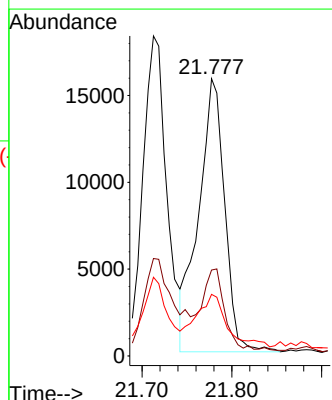
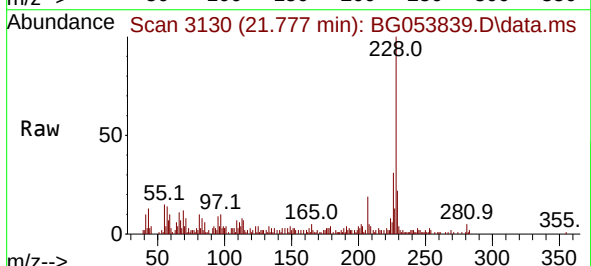
Tgt Ion:228 Resp: 31879

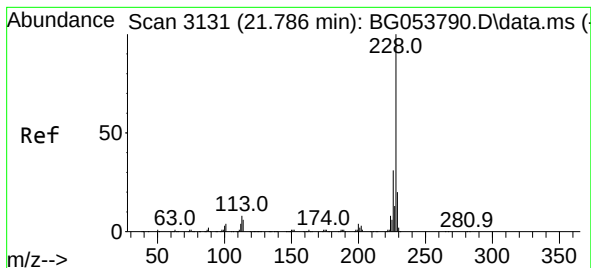
Ion Ratio Lower Upper

228 100

226 31.0 21.6 32.4

229 22.2 16.2 24.2





#83

Chrysene

Concen: 2.534 ng

RT: 21.777 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG053839.D

Acq: 7 Jun 2022 15:04

Instrument :

BNA_G

ClientSampleId :

20220423-AMENDED-COMPOSITE-CRX

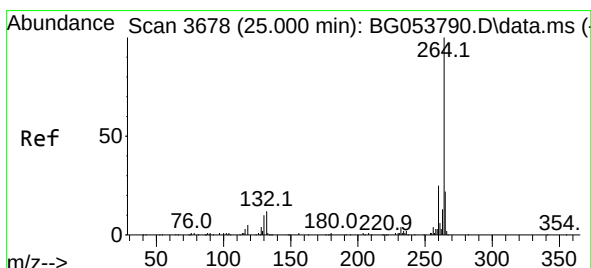
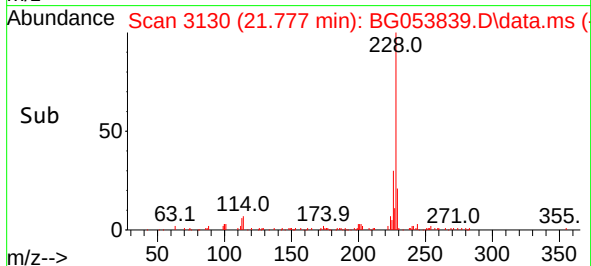
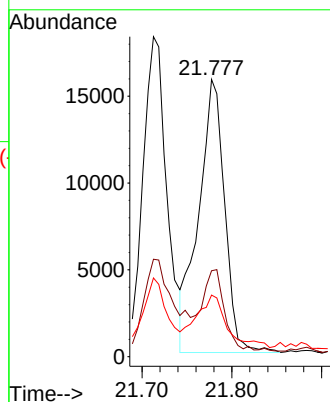
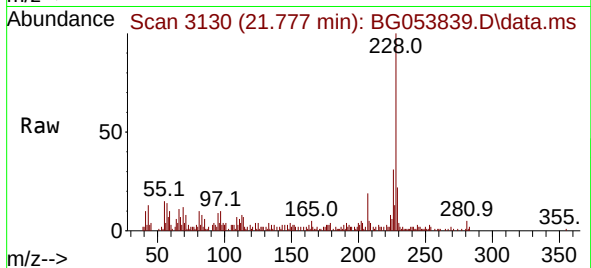
Tgt Ion:228 Resp: 31879

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.2

229 22.2 15.5 23.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.003 min Scan# 3679

Delta R.T. 0.003 min

Lab File: BG053839.D

Acq: 7 Jun 2022 15:04

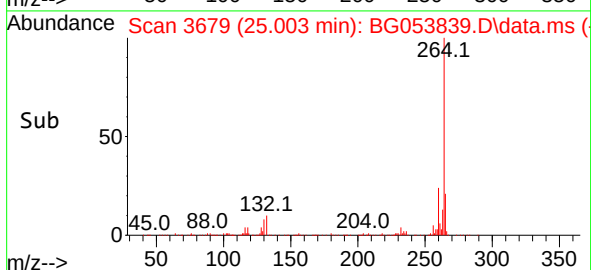
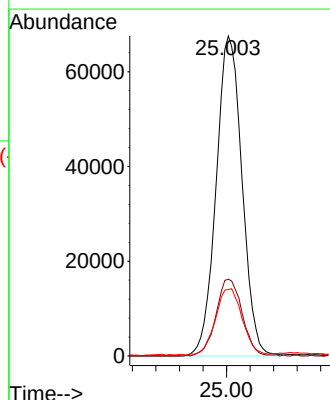
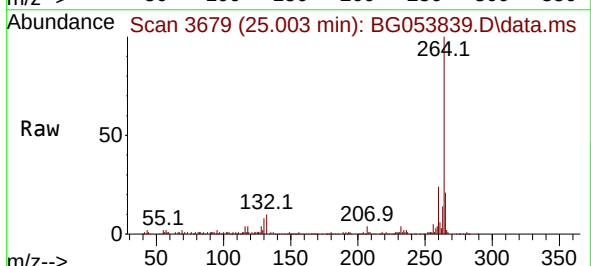
Tgt Ion:264 Resp: 205728

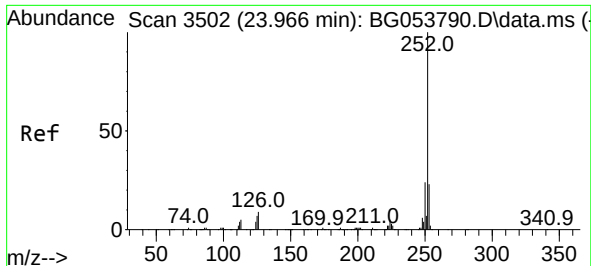
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 20.8 17.4 26.2

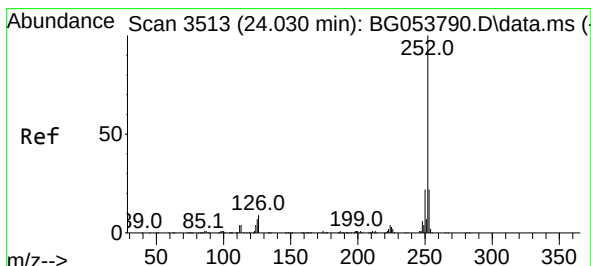
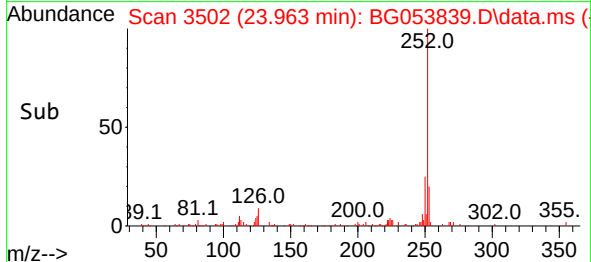
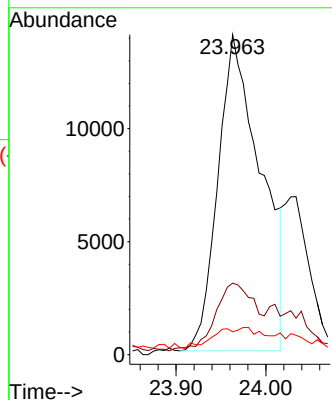
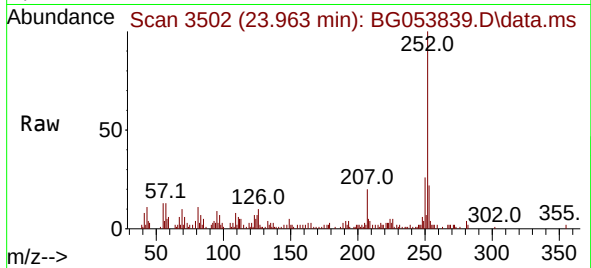




#88
Benzo(b)fluoranthene
Concen: 3.632 ng
RT: 23.963 min Scan# 3502
Delta R.T. -0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

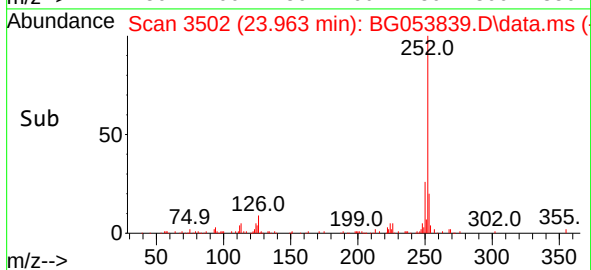
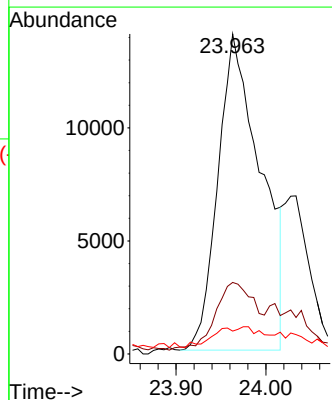
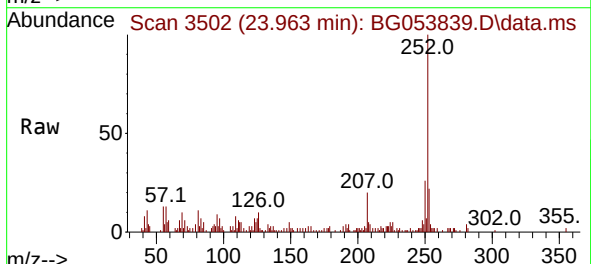
Instrument : BNA_G
ClientSampleId : 20220423-AMENDED-COMPOSITE-CRX

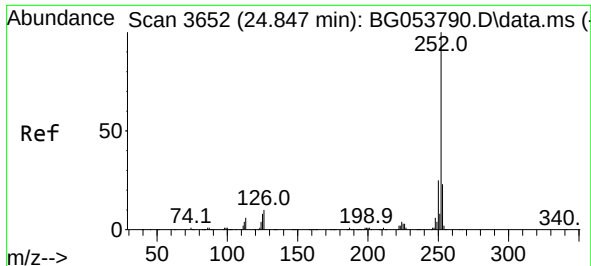
Tgt Ion:252 Resp: 46393
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 7.2 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 3.675 ng
RT: 23.963 min Scan# 3502
Delta R.T. -0.067 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

Tgt Ion:252 Resp: 46393
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 7.2 4.8 7.2

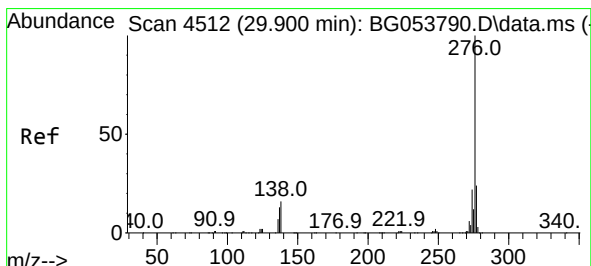
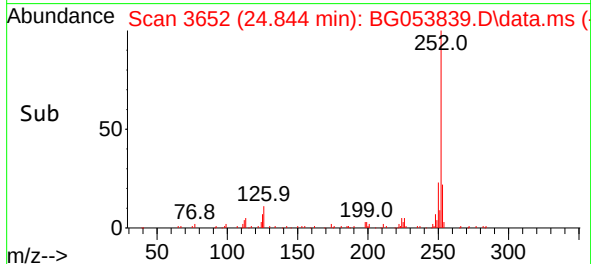
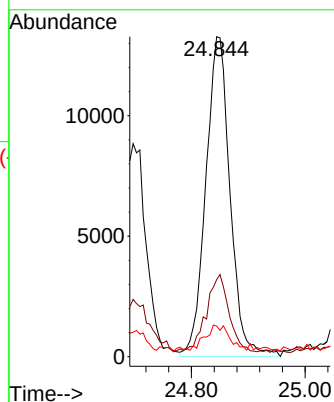
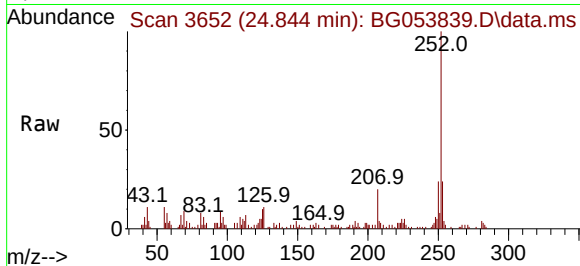




#90
Benzo(a)pyrene
Concen: 3.650 ng
RT: 24.844 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

Instrument :
BNA_G
ClientSampleId :
20220423-AMENDED-COMPOSITE-CRX

Tgt Ion:252 Resp: 39421
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 9.6 4.3 6.5#



#92
Benzo(g,h,i)perylene
Concen: 2.124 ng
RT: 29.891 min Scan# 4511
Delta R.T. -0.008 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

Tgt Ion:276 Resp: 26229
Ion Ratio Lower Upper
276 100
277 26.6 17.3 25.9#
138 13.8 9.6 14.4

