

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053815.D
 Acq On : 3 Jun 2022 16:18
 Operator : CG/JU
 Sample : N3170-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220424-AMENDED-COMPOSITE-D

Quant Time: Jun 04 03:05:50 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)

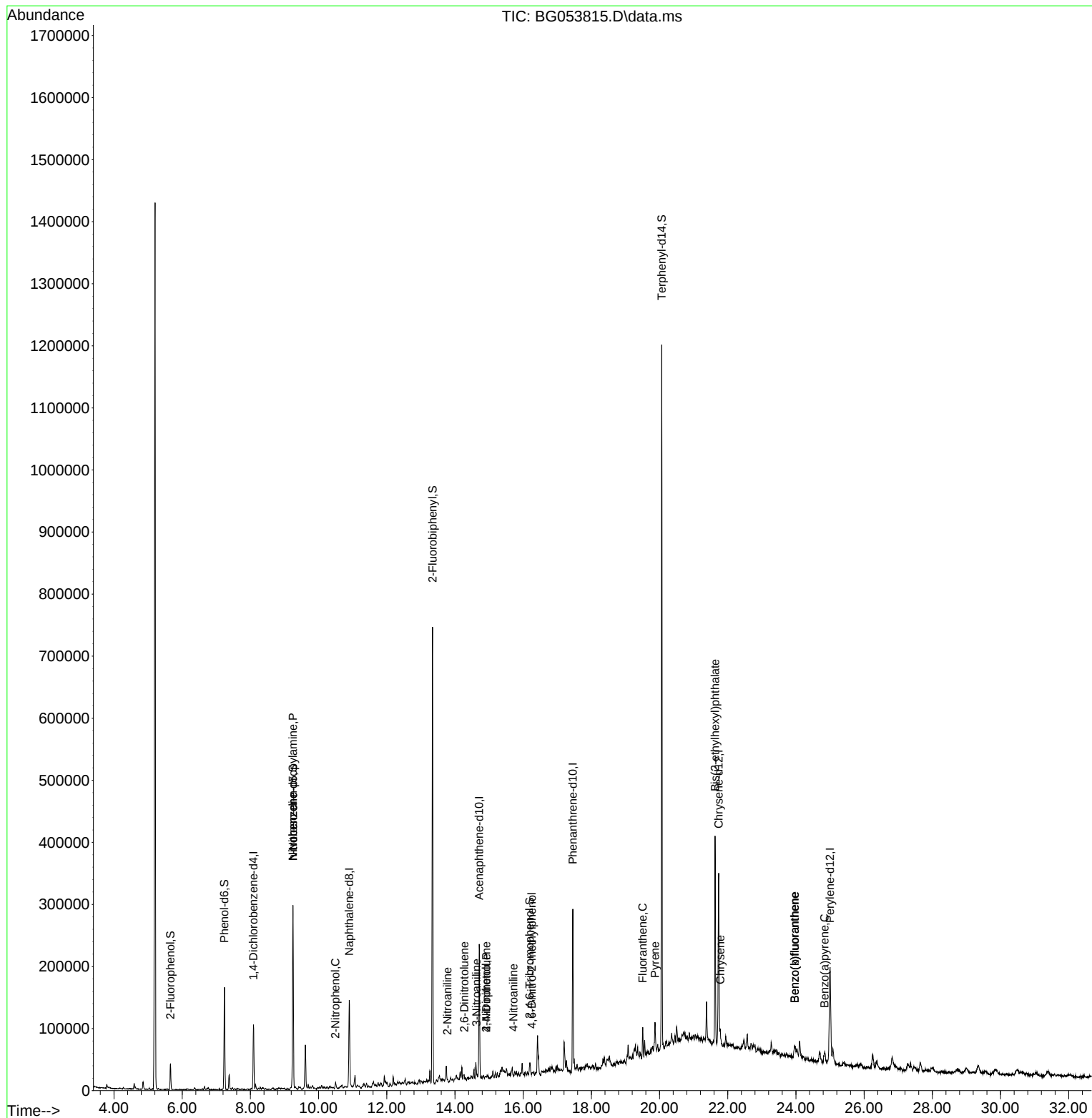
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	30654	20.000	ng	0.00
21) Naphthalene-d8	10.900	136	123870	20.000	ng	0.00
39) Acenaphthene-d10	14.713	164	82367	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	175282	20.000	ng	0.00
76) Chrysene-d12	21.734	240	178614	20.000	ng	0.00
86) Perylene-d12	25.001	264	183936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	19889	11.915	ng	0.00
7) Phenol-d6	7.239	99	95872	42.398	ng	0.00
23) Nitrobenzene-d5	9.249	82	186261	98.744	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	2426	2.426	ng	0.00
45) 2-Fluorobiphenyl	13.344	172	410962	74.642	ng	0.00
79) Terphenyl-d14	20.065	244	619479	68.998	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.249	70	26423	16.499	ng	# 86
24) Nitrobenzene	9.249	77	619	3.248	ng	# 29
26) 2-Nitrophenol	10.494	139	1087	4.322	ng	# 21
48) 2-Nitroaniline	13.779	65	182	5.181	ng	# 10
51) 2,6-Dinitrotoluene	14.278	165	368	4.345	ng	# 16
53) 3-Nitroaniline	14.630	138	67	3.838	ng	# 1
56) 4-Nitrophenol	14.918	139	120	4.735	ng	# 1
57) 2,4-Dinitrotoluene	14.918	165	443	4.663	ng	# 21
62) 4-Nitroaniline	15.717	138	65	2.358	ng	# 73
65) 4,6-Dinitro-2-methylph...	16.252	198	88	5.719	ng	# 1
75) Fluoranthene	19.507	202	27797	2.323	ng	96
78) Pyrene	19.866	202	31722	2.793	ng	99
83) Chrysene	21.781	228	23279	2.080	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.628	149	146083	27.422	ng	97
88) Benzo(b)fluoranthene	23.967	252	24849	2.176	ng	# 97
89) Benzo(k)fluoranthene	23.967	252	24849	2.201	ng	# 97
90) Benzo(a)pyrene	24.842	252	22729	2.353	ng	# 90

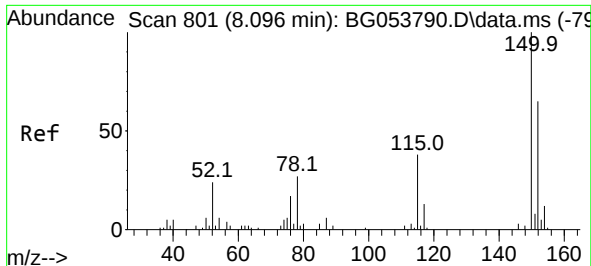
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG053815.D
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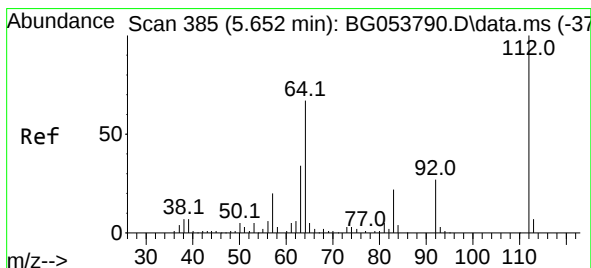
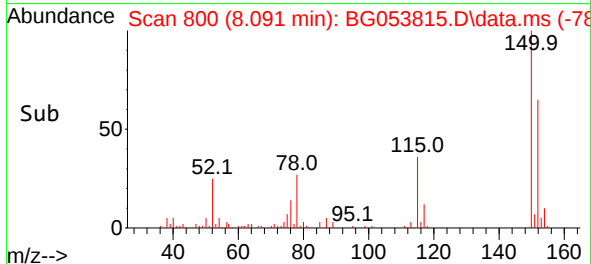
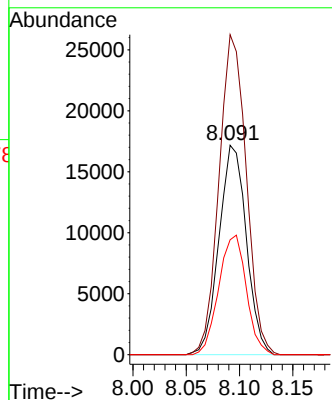
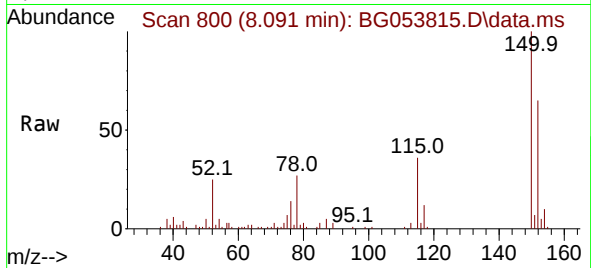




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 801
Delta R.T. -0.005 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

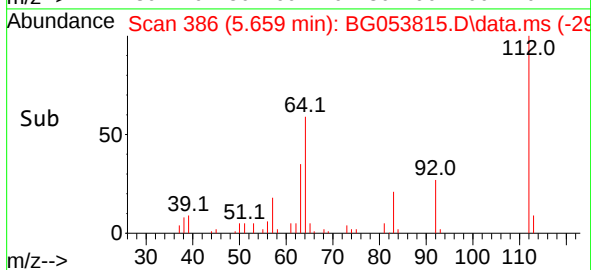
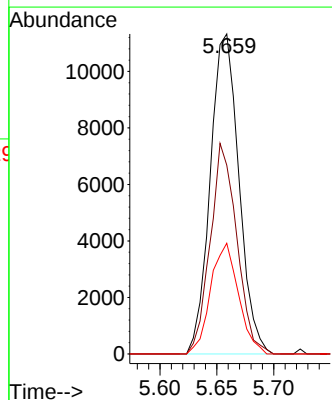
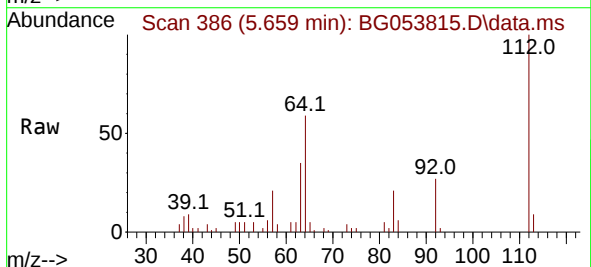
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

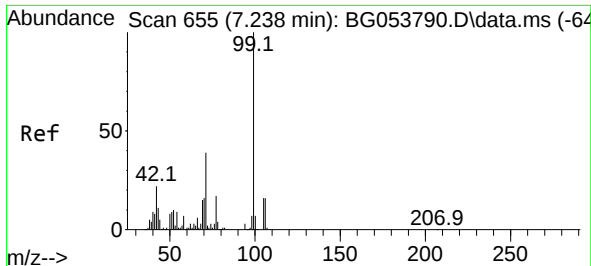
Tgt Ion:152 Resp: 30654
Ion Ratio Lower Upper
152 100
150 152.8 131.6 197.4
115 54.8 50.9 76.3



#5
2-Fluorophenol
Concen: 11.915 ng
RT: 5.659 min Scan# 386
Delta R.T. 0.007 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

Tgt Ion:112 Resp: 19889
Ion Ratio Lower Upper
112 100
64 59.0 55.1 82.7
63 34.6 30.4 45.6

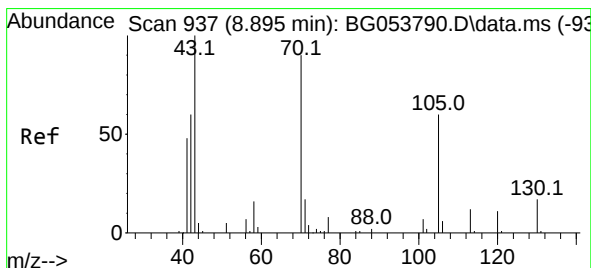
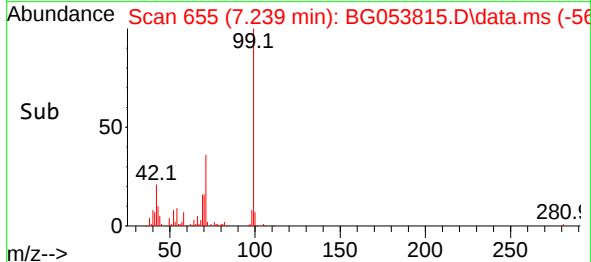
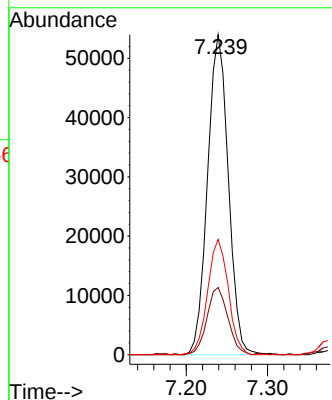
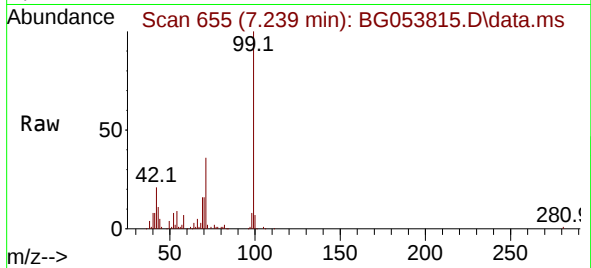




#7
Phenol-d6
Concen: 42.398 ng
RT: 7.239 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

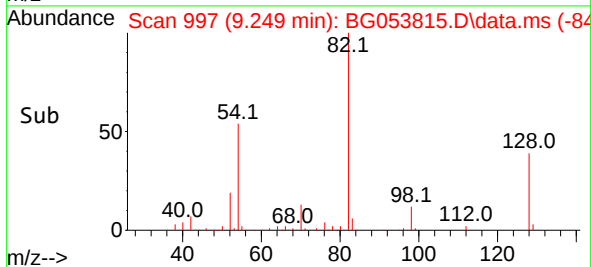
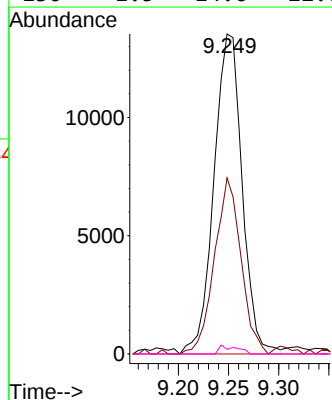
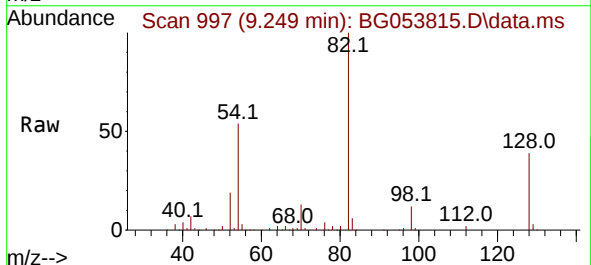
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

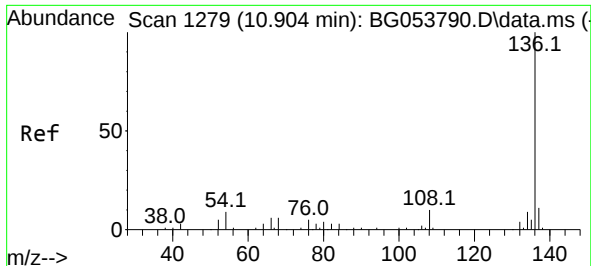
Tgt Ion: 99 Resp: 95872
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 36.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.499 ng
RT: 9.249 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

Tgt Ion: 70 Resp: 26423
Ion Ratio Lower Upper
70 100
42 55.0 47.3 70.9
101 0.0 7.0 10.4#
130 1.5 14.6 22.0#

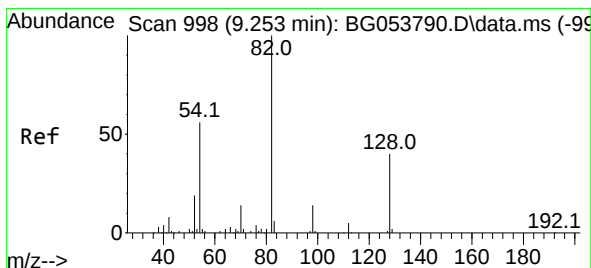
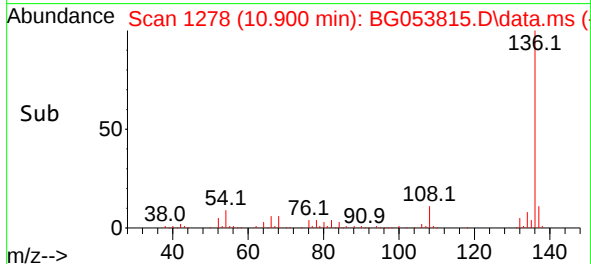
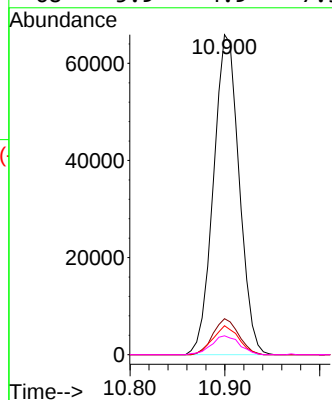
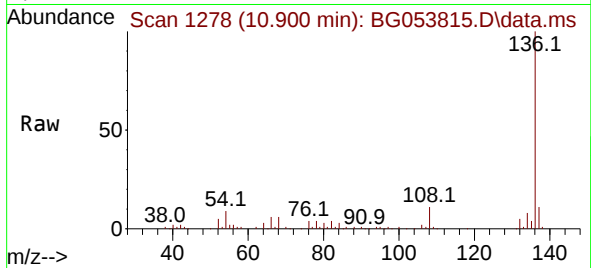




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.900 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

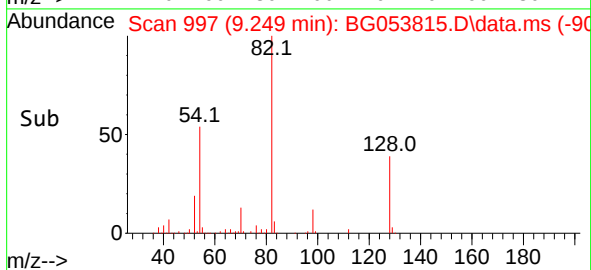
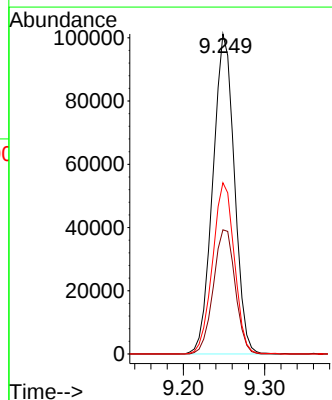
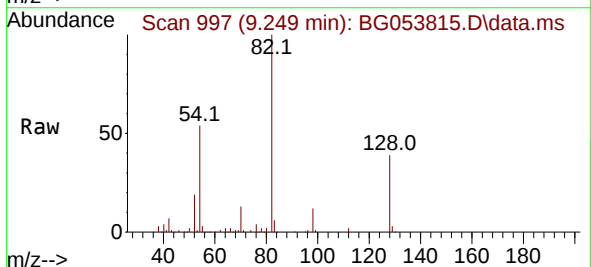
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

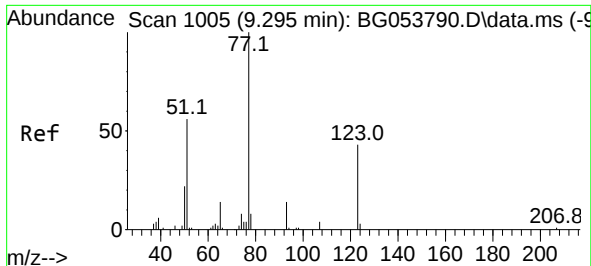
Tgt Ion:	136	Resp:	123870
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.1	7.4	11.2
68	5.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 98.744 ng
RT: 9.249 min Scan# 997
Delta R.T. -0.004 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

Tgt Ion:	82	Resp:	186261
Ion	Ratio	Lower	Upper
82	100		
128	38.8	27.9	41.9
54	53.5	41.2	61.8

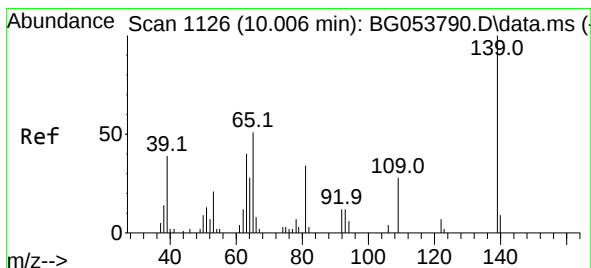
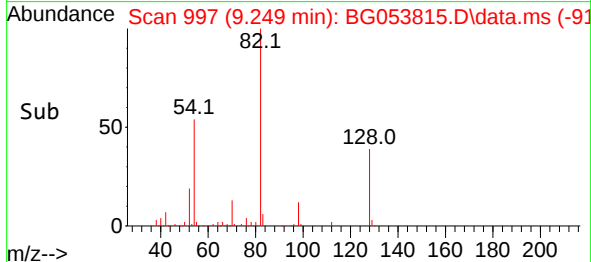
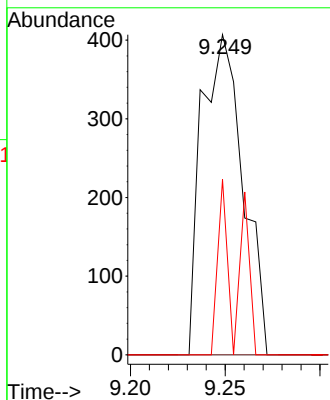
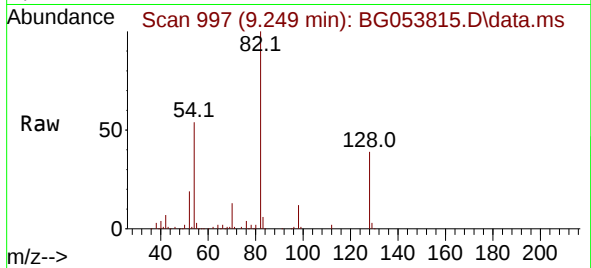




#24
Nitrobenzene
Concen: 3.248 ng
RT: 9.249 min Scan# 91
Delta R.T. -0.046 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

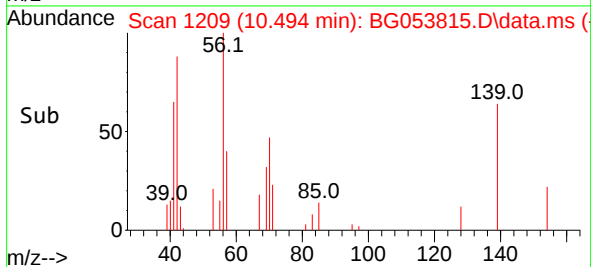
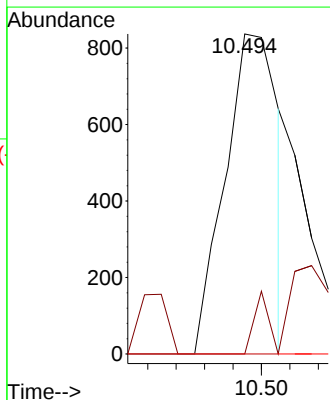
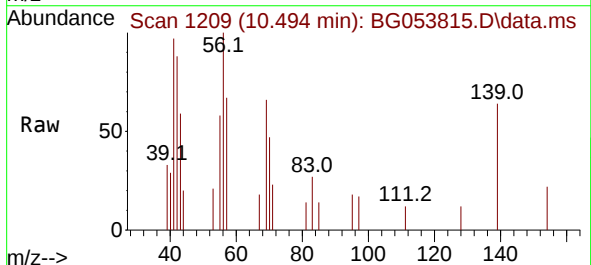
Instrument :
BNA_G
ClientSampleId :
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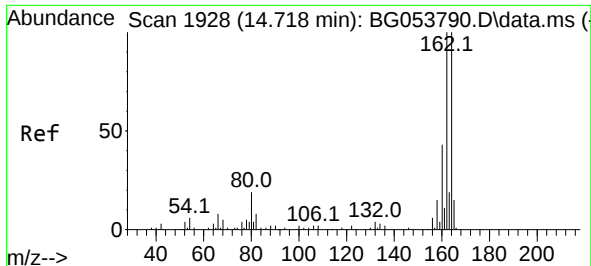
Tgt Ion: 77 Resp: 619
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 54.8 11.4 17.0#



#26
2-Nitrophenol
Concen: 4.322 ng
RT: 10.494 min Scan# 1209
Delta R.T. 0.488 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

Tgt Ion: 139 Resp: 1087
Ion Ratio Lower Upper
139 100
109 0.0 36.1 54.1#
65 0.0 55.8 83.6#

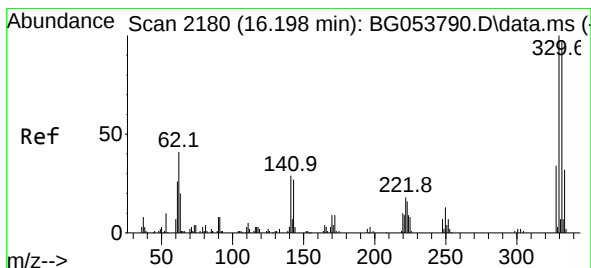
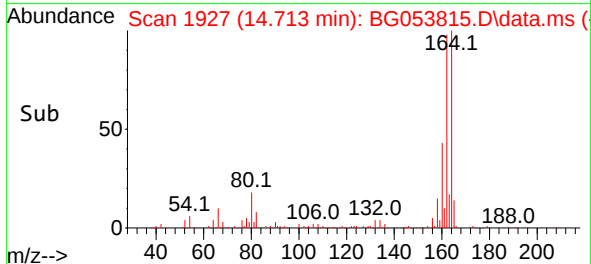
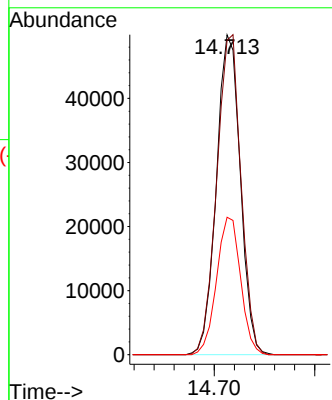
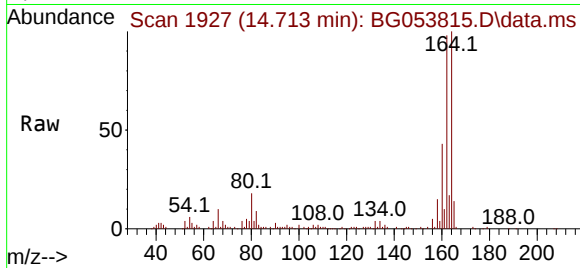




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

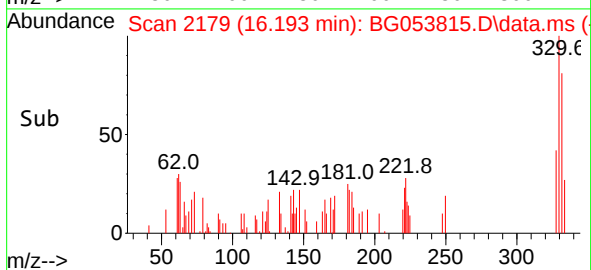
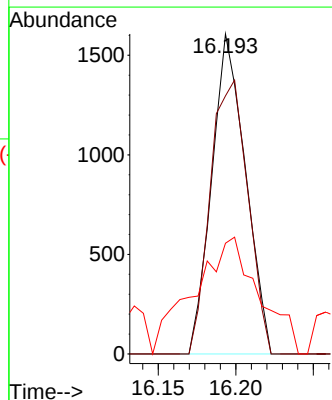
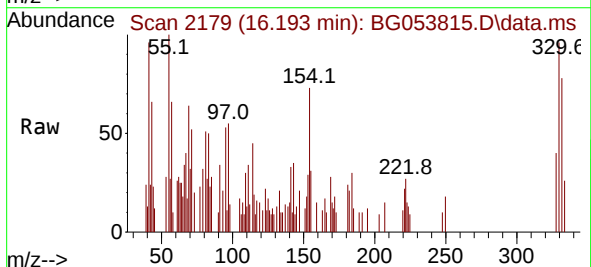
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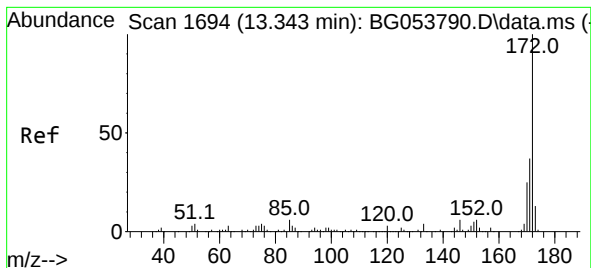
Tgt Ion:164 Resp: 82367
Ion Ratio Lower Upper
164 100
162 98.3 82.3 123.5
160 43.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 2.426 ng
RT: 16.193 min Scan# 2179
Delta R.T. -0.005 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

Tgt Ion:330 Resp: 2426
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 71.1 27.1 40.7#

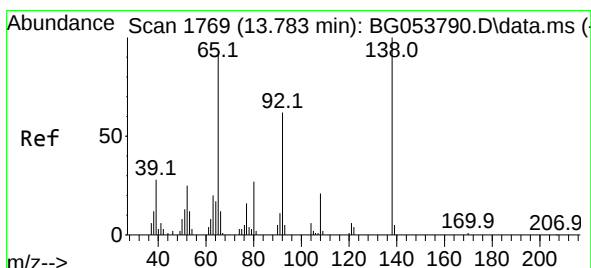
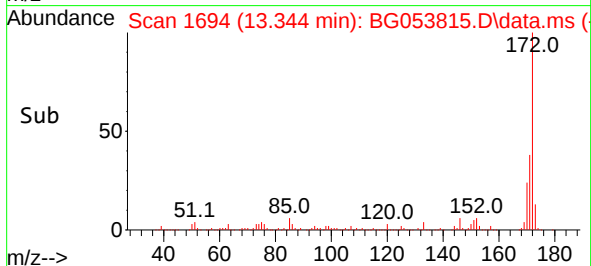
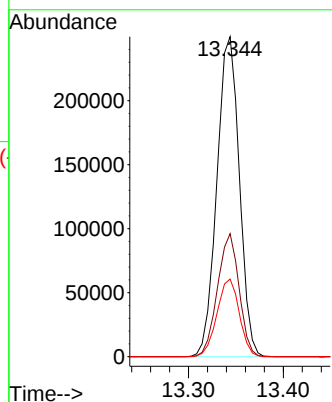
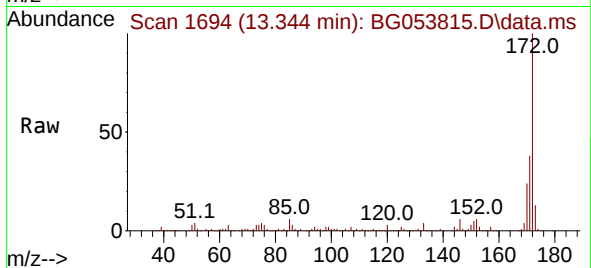




#45
2-Fluorobiphenyl
Concen: 74.642 ng
RT: 13.344 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

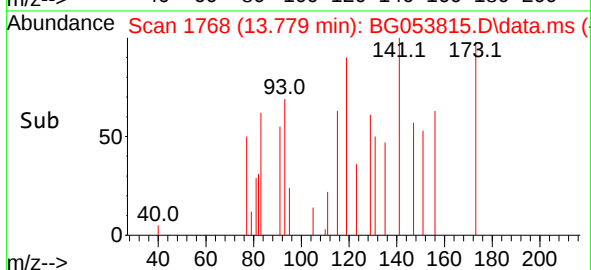
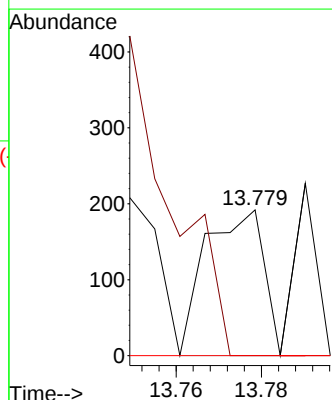
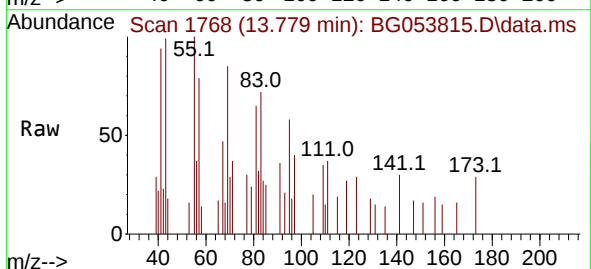
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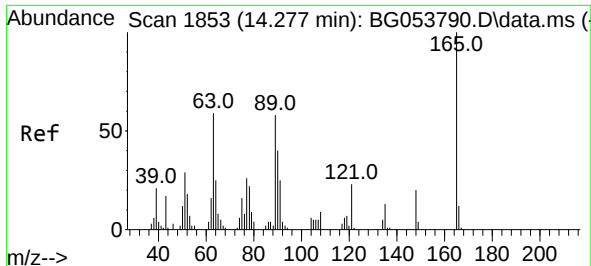
Tgt Ion:172 Resp: 410962
Ion Ratio Lower Upper
172 100
171 38.4 28.5 42.7
170 24.3 18.9 28.3



#48
2-Nitroaniline
Concen: 5.181 ng
RT: 13.779 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

Tgt Ion: 65 Resp: 182
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 71.3 106.9#

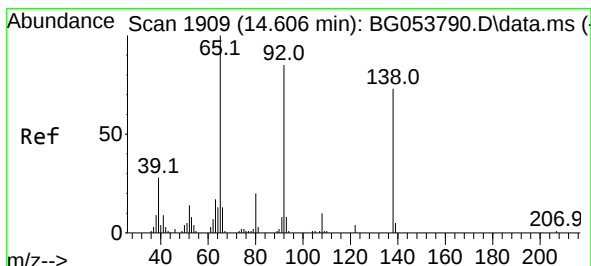
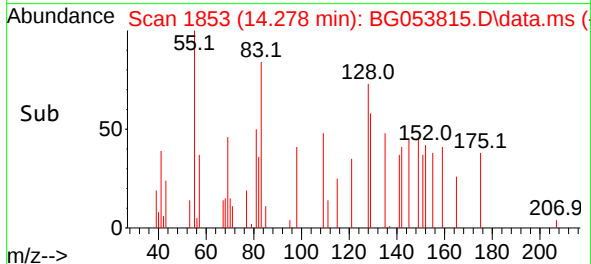
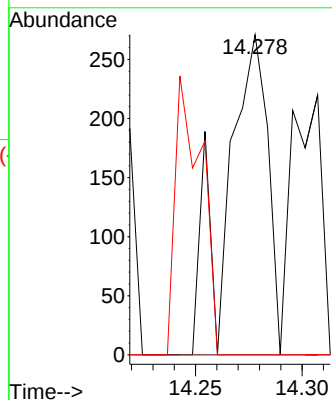
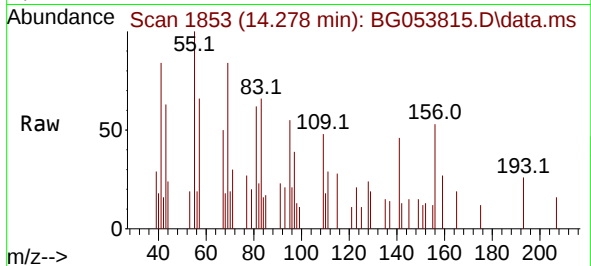




#51
2,6-Dinitrotoluene
Concen: 4.345 ng
RT: 14.278 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

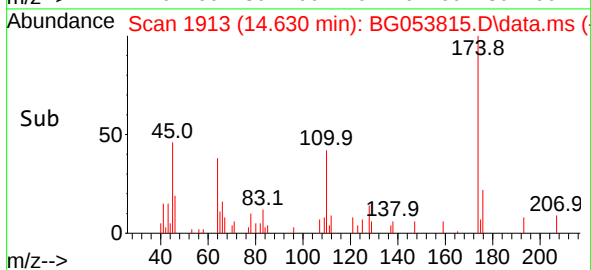
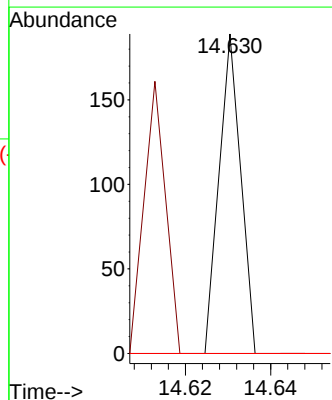
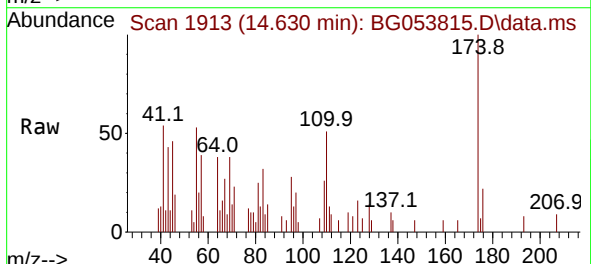
Instrument :
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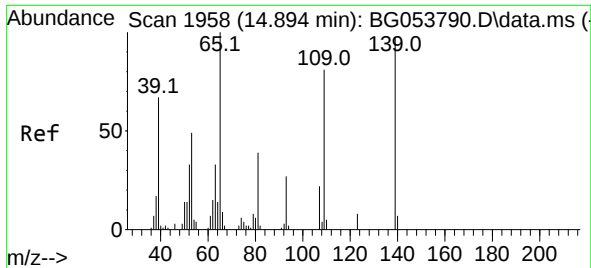
Tgt Ion:165 Resp: 368
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#53
3-Nitroaniline
Concen: 3.838 ng
RT: 14.630 min Scan# 1913
Delta R.T. 0.024 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

Tgt Ion:138 Resp: 67
Ion Ratio Lower Upper
138 100
108 0.0 9.2 13.8#
92 0.0 101.9 152.9#

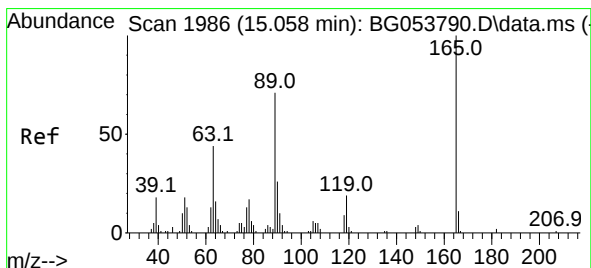
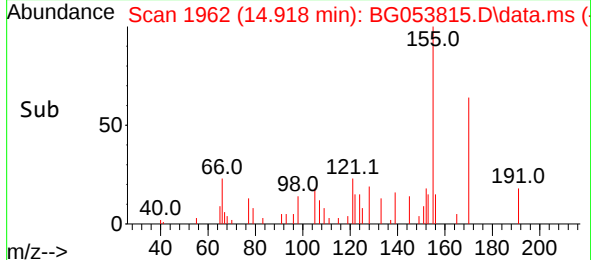
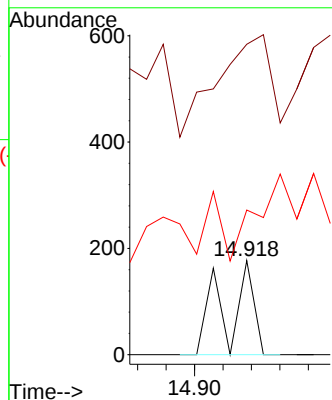
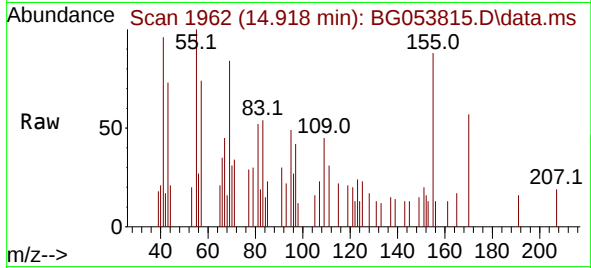




#56
4-Nitrophenol
Concen: 4.735 ng
RT: 14.918 min Scan# 1962
Delta R.T. 0.024 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

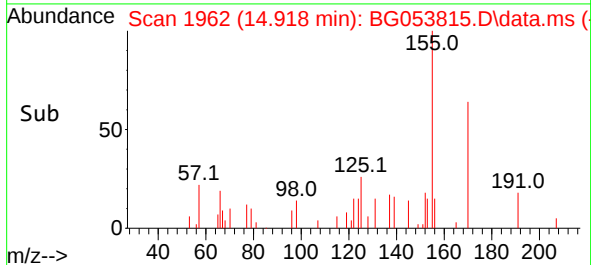
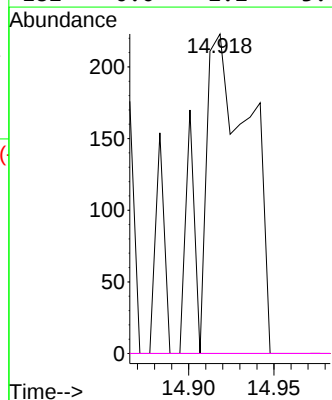
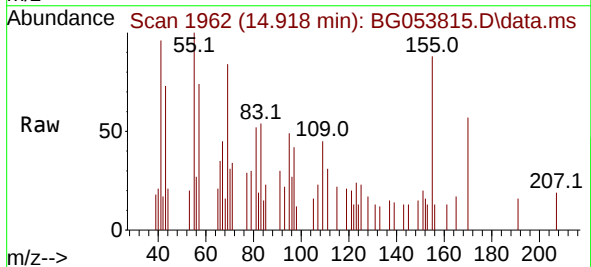
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

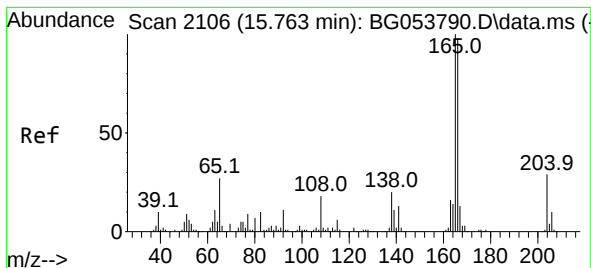
Tgt Ion:139 Resp: 120
Ion Ratio Lower Upper
139 100
109 329.9 88.5 128.5#
65 153.7 93.9 133.9#



#57
2,4-Dinitrotoluene
Concen: 4.663 ng
RT: 14.918 min Scan# 1962
Delta R.T. -0.140 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

Tgt Ion:165 Resp: 443
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#

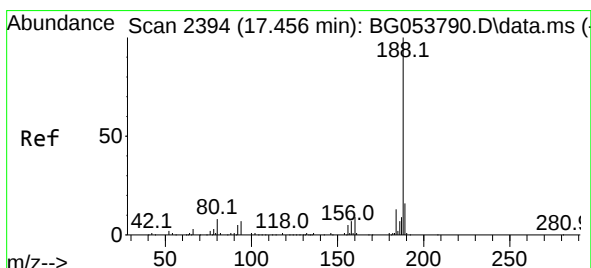
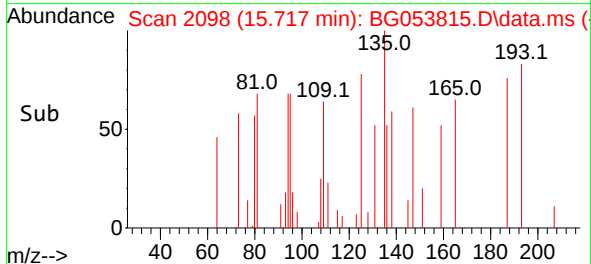
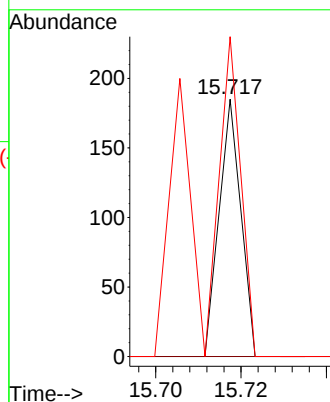
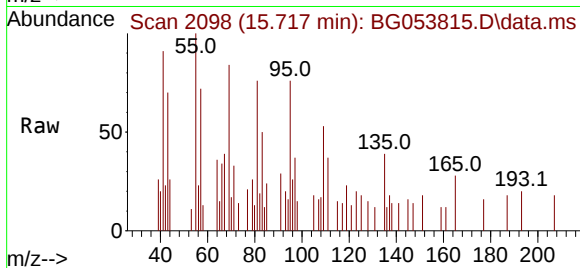




#62
4-Nitroaniline
Concen: 2.358 ng
RT: 15.717 min Scan# 2098
Delta R.T. -0.046 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

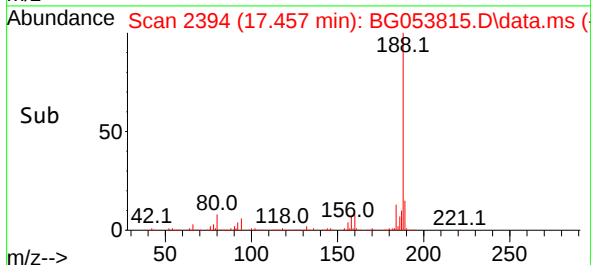
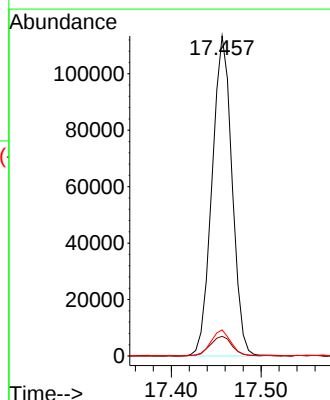
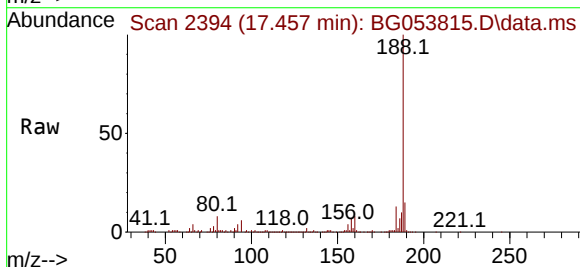
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

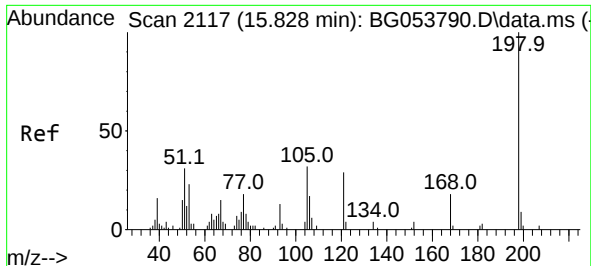
Tgt Ion:138 Resp: 65
Ion Ratio Lower Upper
138 100
92 0.0 40.5 80.5#
108 124.3 103.7 143.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2394
Delta R.T. 0.001 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

Tgt Ion:188 Resp: 175282
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 8.1 6.8 10.2

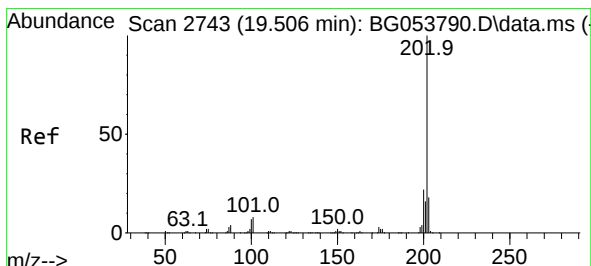
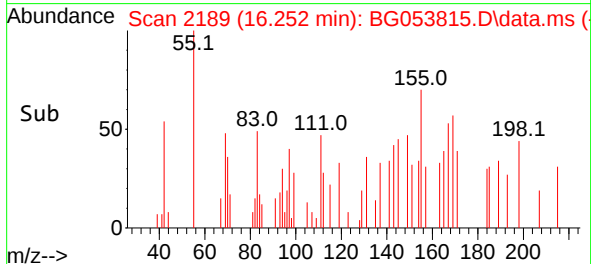
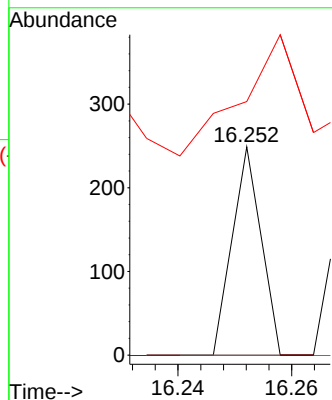
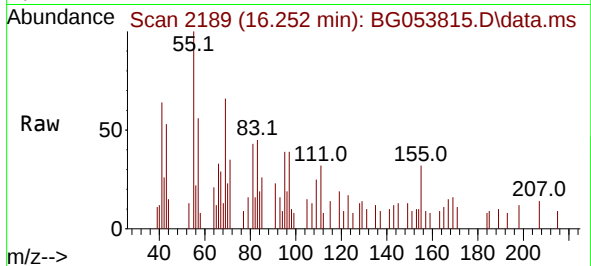




#65
4,6-Dinitro-2-methylphenol
Concen: 5.719 ng
RT: 16.252 min Scan# 2117
Delta R.T. 0.424 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

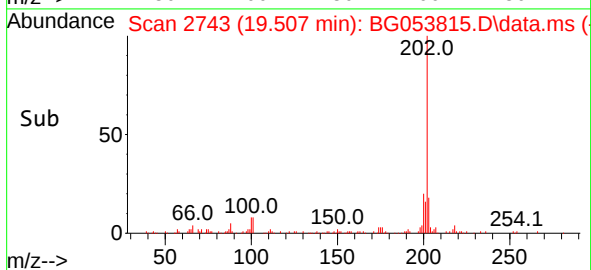
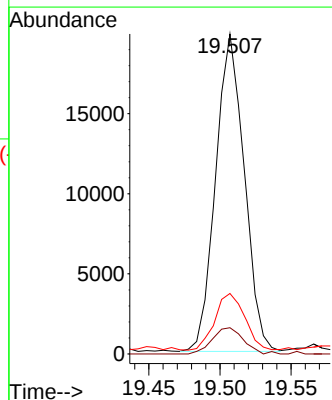
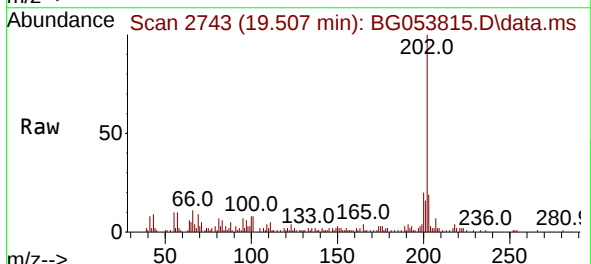
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

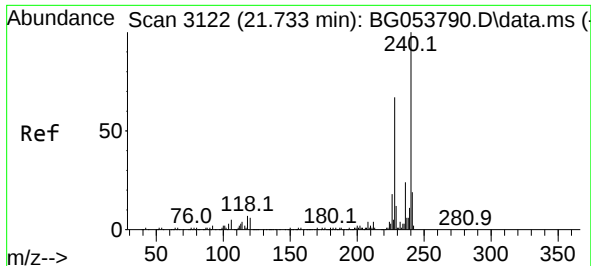
Tgt Ion:198 Resp: 88
Ion Ratio Lower Upper
198 100
51 0.0 28.1 68.1#
105 121.7 20.3 60.3#



#75
Fluoranthene
Concen: 2.323 ng
RT: 19.507 min Scan# 2743
Delta R.T. 0.001 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

Tgt Ion:202 Resp: 27797
Ion Ratio Lower Upper
202 100
101 8.2 0.0 26.9
203 18.9 0.0 37.2

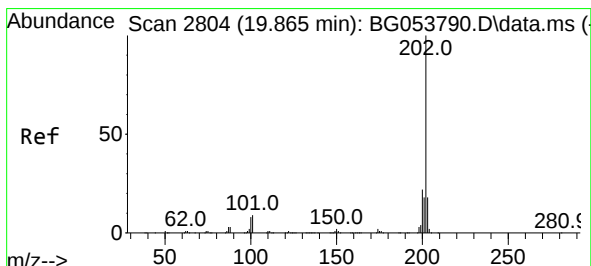
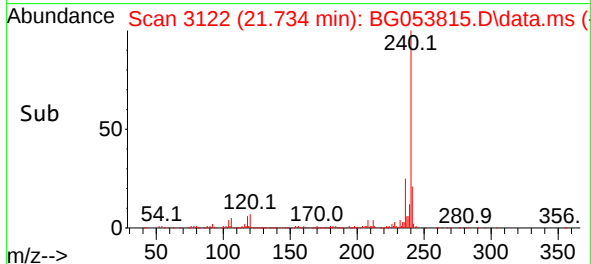
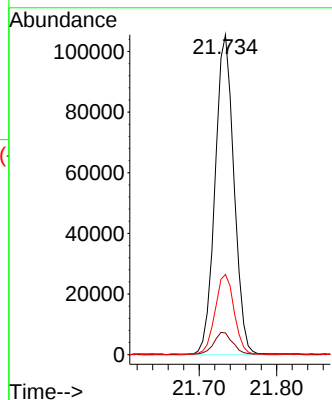
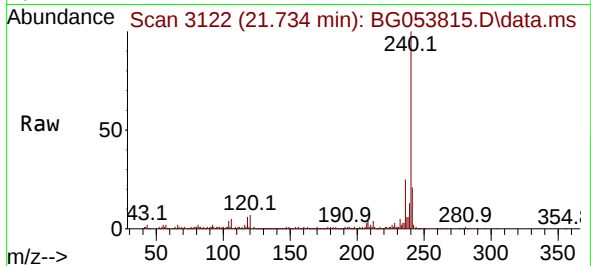




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3122
Delta R.T. 0.001 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

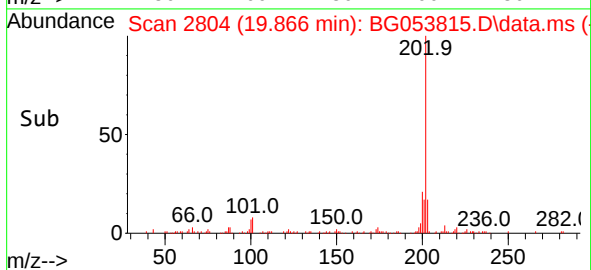
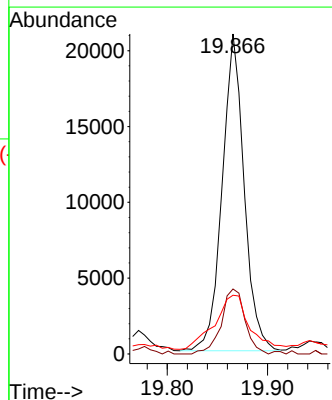
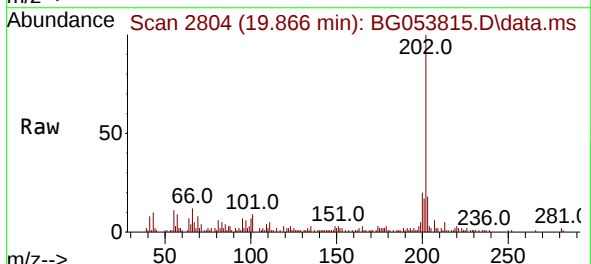
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

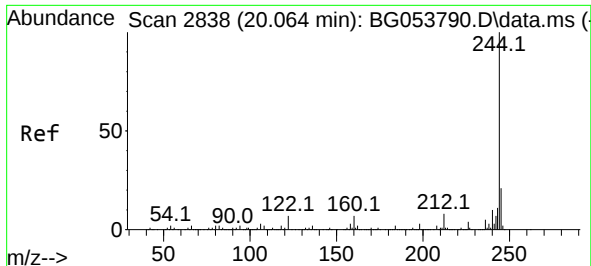
Tgt Ion:240 Resp: 178614
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 25.1 20.2 30.4



#78
Pyrene
Concen: 2.793 ng
RT: 19.866 min Scan# 2804
Delta R.T. 0.001 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

Tgt Ion:202 Resp: 31722
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 18.3 14.6 21.8

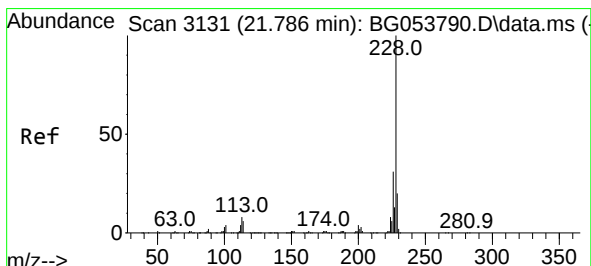
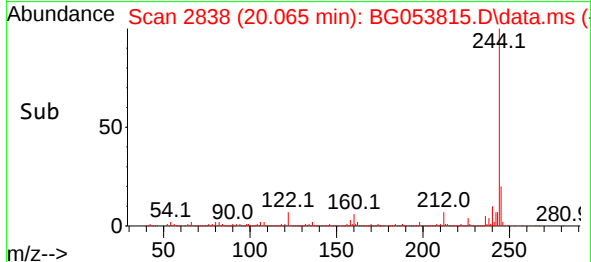
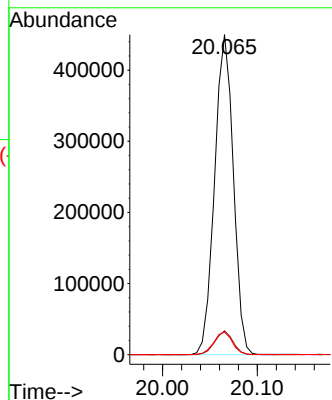
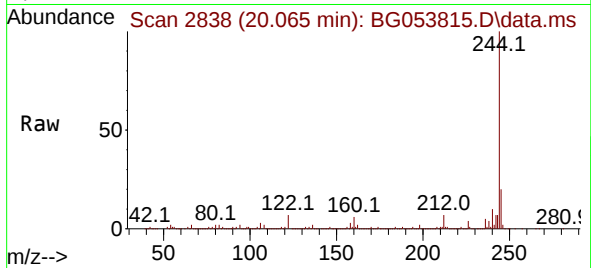




#79
 Terphenyl-d14
 Concen: 68.998 ng
 RT: 20.065 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053815.D
 Acq: 3 Jun 2022 16:18

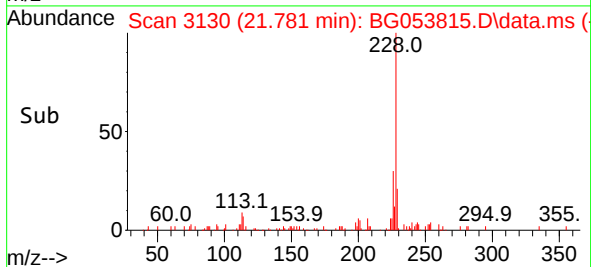
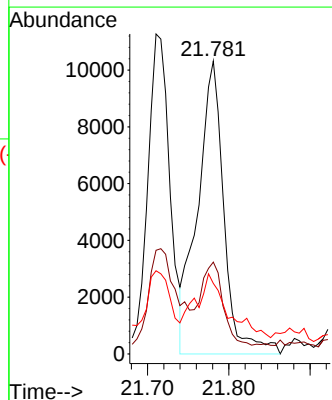
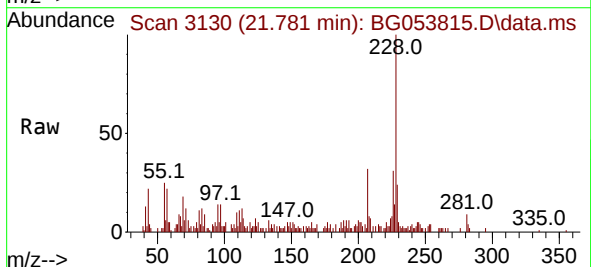
Instrument :
 BNA_G
 ClientSampleId :
 20220424-AMENDED-COMPOSITE-D

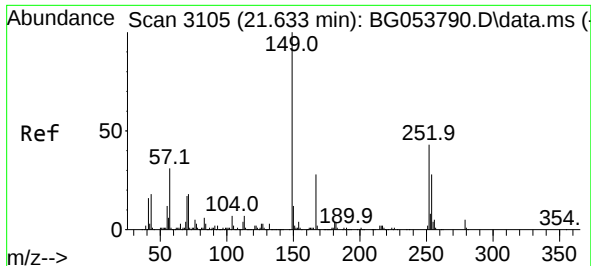
Tgt Ion:244 Resp: 619479
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.0 5.0 7.4



#83
 Chrysene
 Concen: 2.080 ng
 RT: 21.781 min Scan# 3130
 Delta R.T. -0.005 min
 Lab File: BG053815.D
 Acq: 3 Jun 2022 16:18

Tgt Ion:228 Resp: 23279
 Ion Ratio Lower Upper
 228 100
 226 31.3 23.4 35.2
 229 24.1 15.5 23.3#

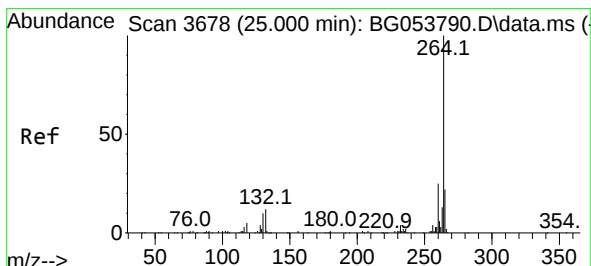
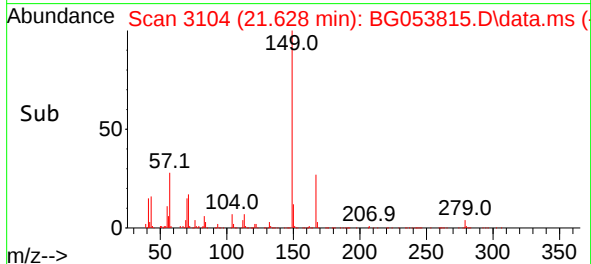
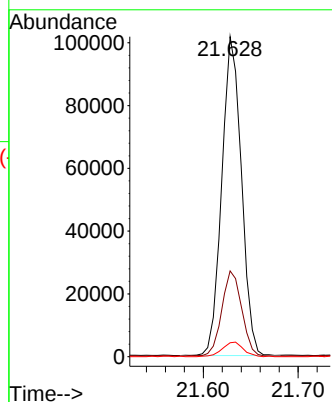
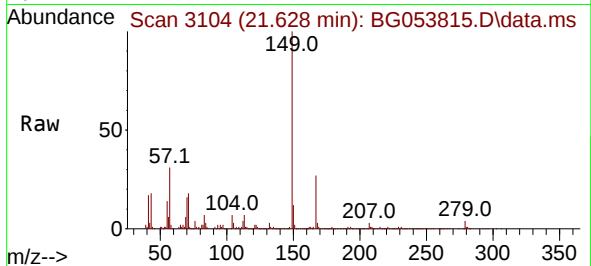




#84
Bis(2-ethylhexyl)phthalate
Concen: 27.422 ng
RT: 21.628 min Scan# 3104
Delta R.T. -0.005 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

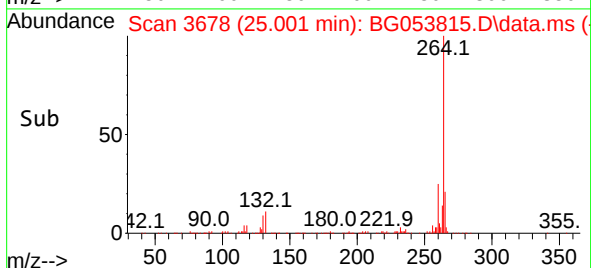
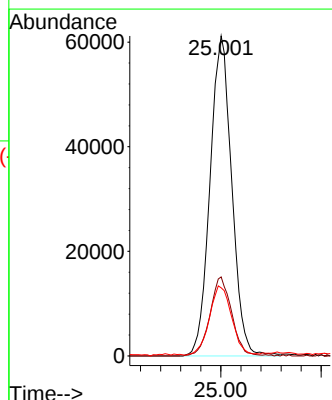
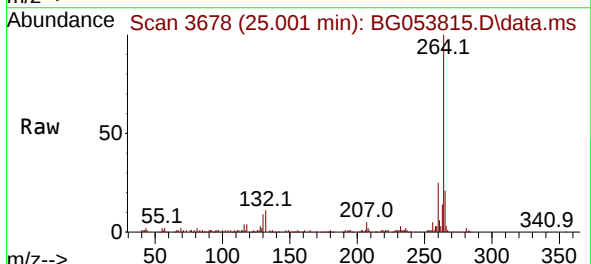
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

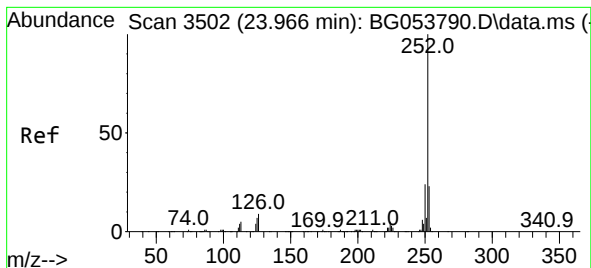
Tgt Ion:149 Resp: 146083
Ion Ratio Lower Upper
149 100
167 26.8 20.2 30.4
279 4.4 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3678
Delta R.T. 0.001 min
Lab File: BG053815.D
Acq: 3 Jun 2022 16:18

Tgt Ion:264 Resp: 183936
Ion Ratio Lower Upper
264 100
260 24.7 19.0 28.6
265 21.3 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.176 ng

RT: 23.967 min Scan# 3502

Delta R.T. 0.001 min

Lab File: BG053815.D

Acq: 3 Jun 2022 16:18

Instrument :

BNA_G

ClientSampleId :

20220424-AMENDED-COMPOSITE-D

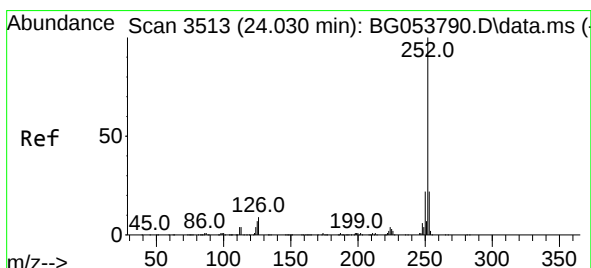
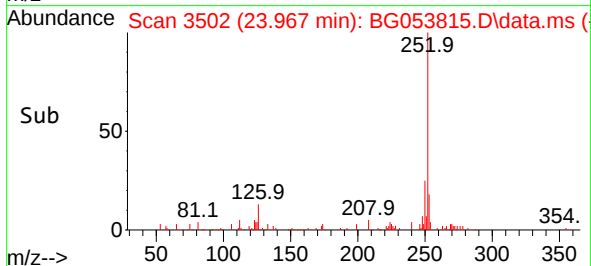
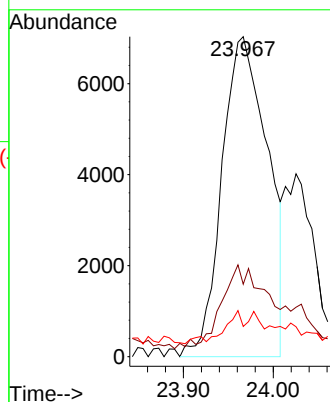
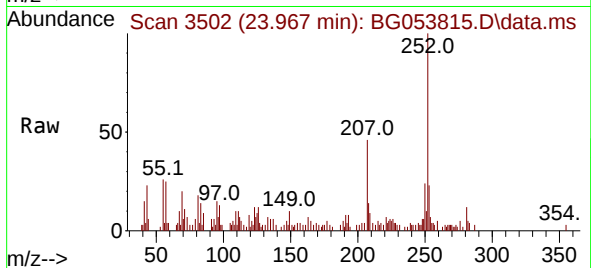
Tgt Ion:252 Resp: 24849

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 9.5 4.6 6.8#



#89

Benzo(k)fluoranthene

Concen: 2.201 ng

RT: 23.967 min Scan# 3502

Delta R.T. -0.064 min

Lab File: BG053815.D

Acq: 3 Jun 2022 16:18

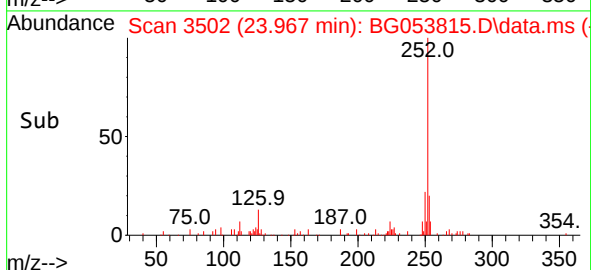
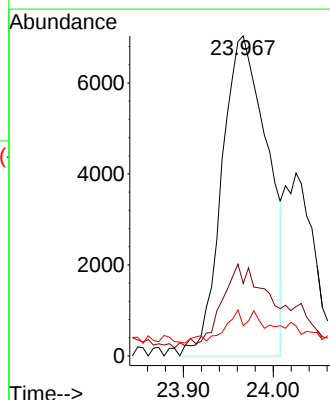
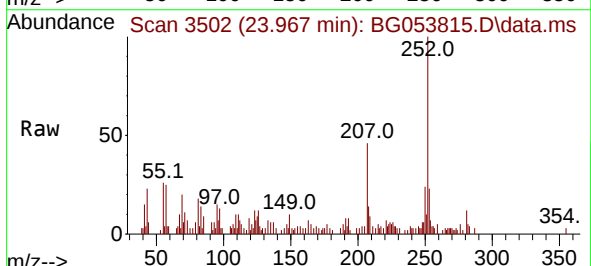
Tgt Ion:252 Resp: 24849

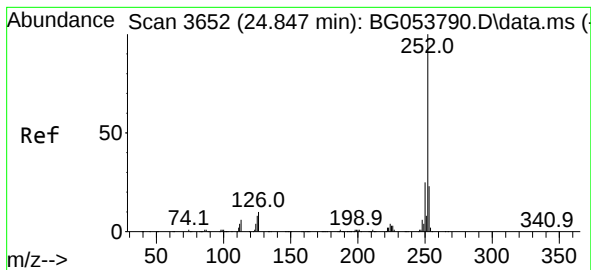
Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

125 9.5 4.8 7.2#





#90

Benzo(a)pyrene

Concen: 2.353 ng

RT: 24.842 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG053815.D

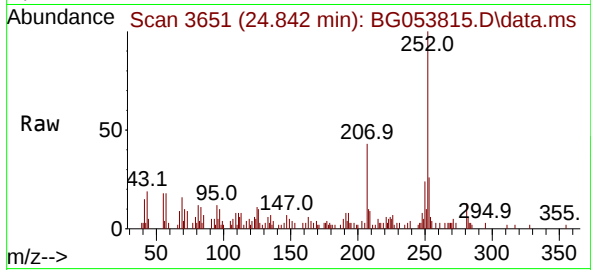
Acq: 3 Jun 2022 16:18

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:252 Resp: 22729

Ion Ratio Lower Upper

252 100

253 25.9 17.8 26.8

125 11.5 4.3 6.5#

