

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053818.D
 Acq On : 3 Jun 2022 18:17
 Operator : CG/JU
 Sample : N3143-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 04 03:06:21 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)

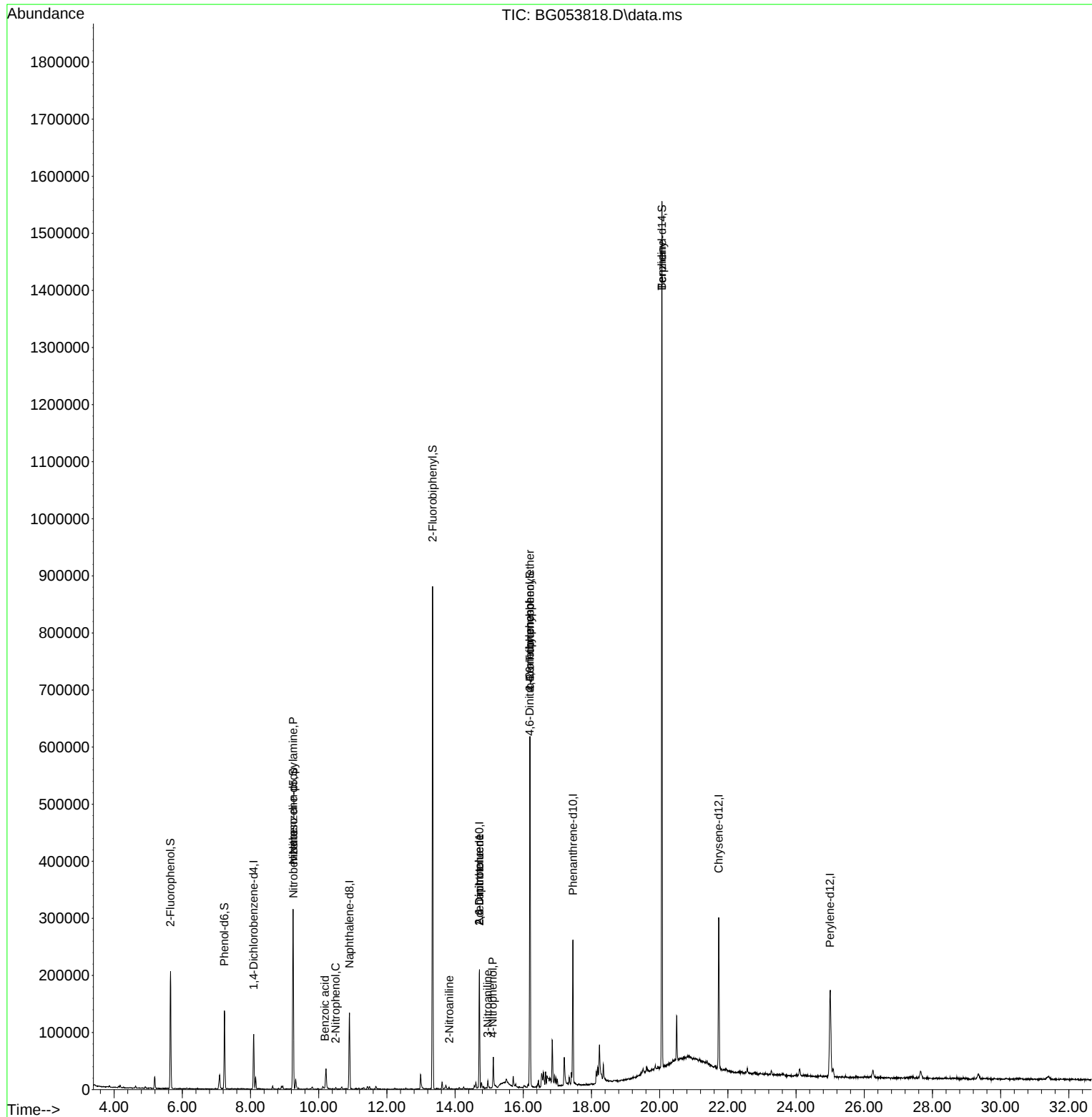
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	29428	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	120365	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	80389	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	172847	20.000	ng	0.00
76) Chrysene-d12	21.731	240	181746	20.000	ng	0.00
86) Perylene-d12	24.998	264	184078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	94891	59.213	ng	0.00
7) Phenol-d6	7.236	99	78583	36.200	ng	0.00
23) Nitrobenzene-d5	9.251	82	195265	106.532	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	139248	142.700	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	495948	92.294	ng	0.00
79) Terphenyl-d14	20.068	244	827521	90.581	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.251	70	26808	17.436	ng	# 80
24) Nitrobenzene	9.257	77	659	3.275	ng	# 48
26) 2-Nitrophenol	10.497	139	307	3.259	ng	# 21
32) Benzoic acid	10.185	122	113	6.386	ng	# 84
48) 2-Nitroaniline	13.834	65	59	5.087	ng	# 10
51) 2,6-Dinitrotoluene	14.715	165	11074	13.641	ng	# 16
53) 3-Nitroaniline	14.956	138	56	3.831	ng	# 1
56) 4-Nitrophenol	15.103	139	54	4.672	ng	# 8
57) 2,4-Dinitrotoluene	14.715	165	11074	11.387	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.190	198	289	5.989	ng	75
67) 4-Bromophenyl-phenylether	16.196	248	9226	4.913	ng	# 1
77) Benzidine	20.068	184	11959	2.691	ng	94

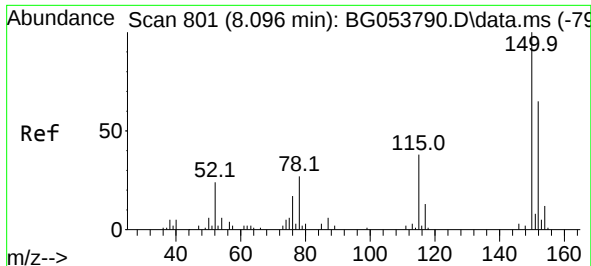
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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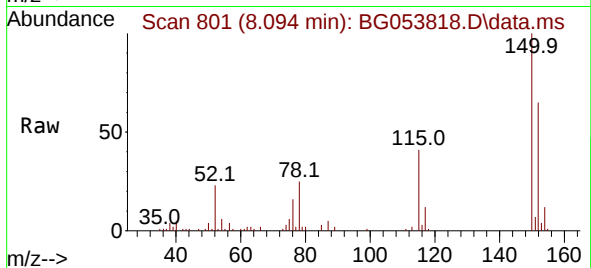
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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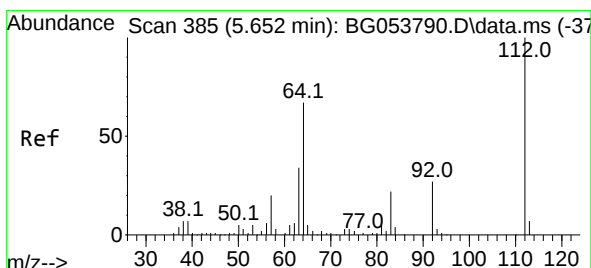
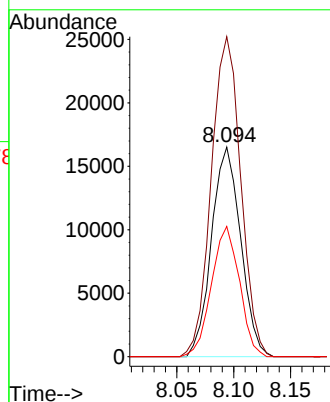
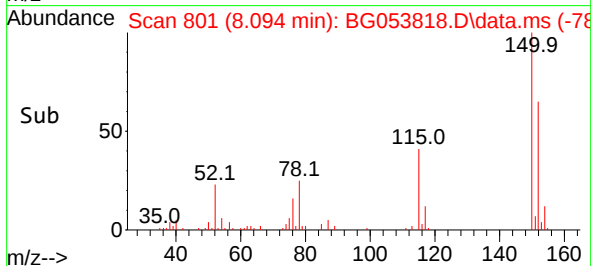


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

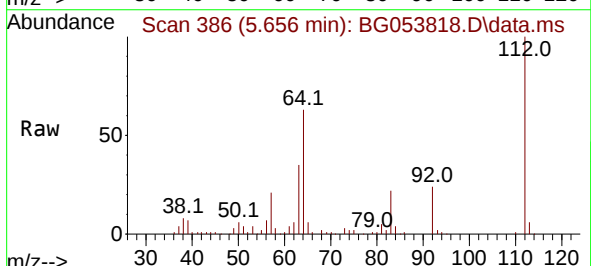
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BNA_G
ClientSampleId :
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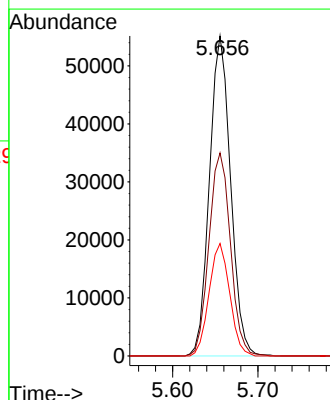
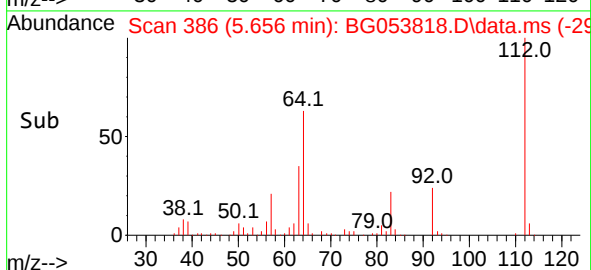
Tgt Ion:152 Resp: 29428
Ion Ratio Lower Upper
152 100
150 152.7 131.6 197.4
115 62.1 50.9 76.3



#5
2-Fluorophenol
Concen: 59.213 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17



Tgt Ion:112 Resp: 94891
Ion Ratio Lower Upper
112 100
64 63.5 55.1 82.7
63 35.2 30.4 45.6

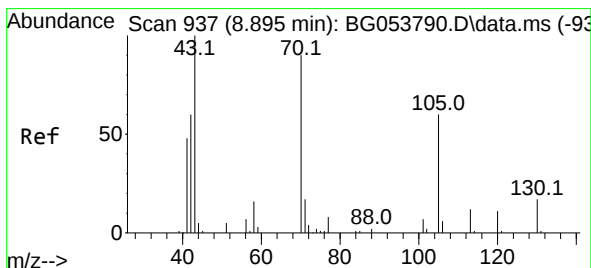
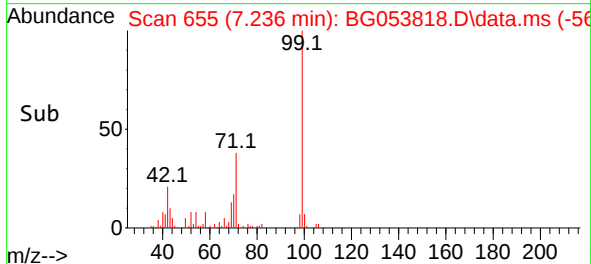
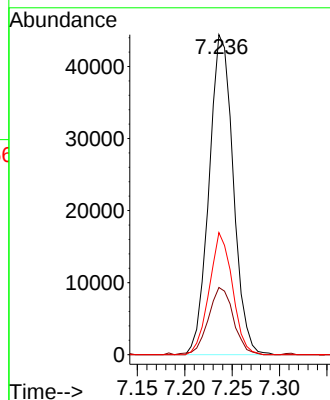
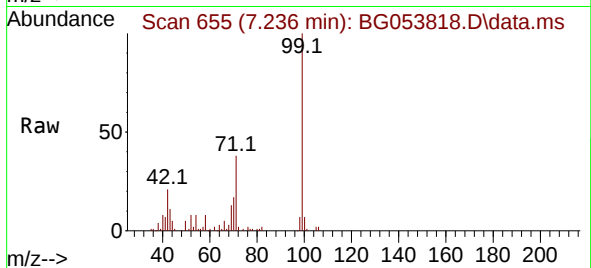




#7
Phenol-d6
Concen: 36.200 ng
RT: 7.236 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

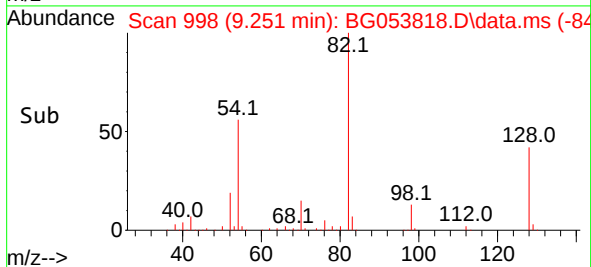
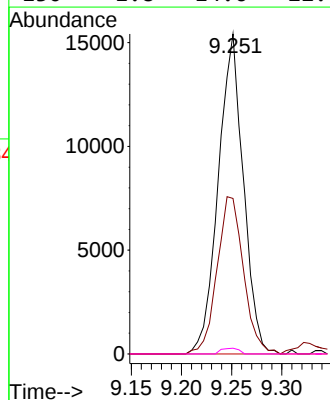
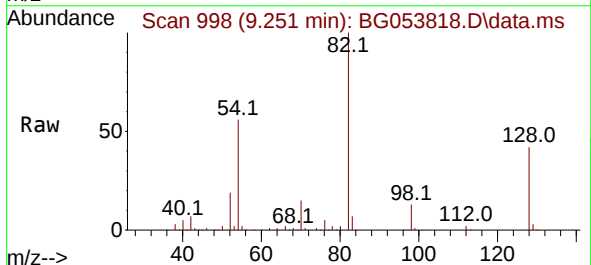
Instrument :
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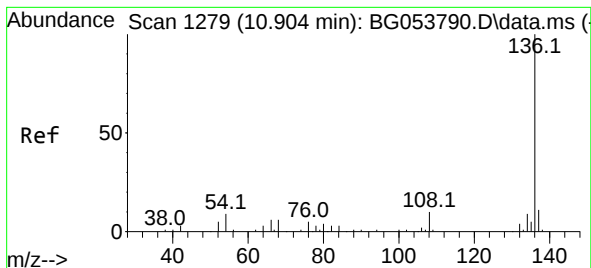
Tgt Ion: 99 Resp: 78583
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 38.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.436 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

Tgt Ion: 70 Resp: 26808
Ion Ratio Lower Upper
70 100
42 48.6 47.3 70.9
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

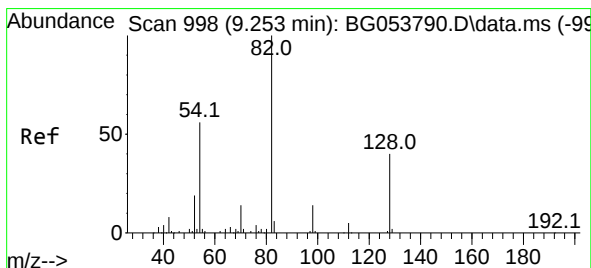
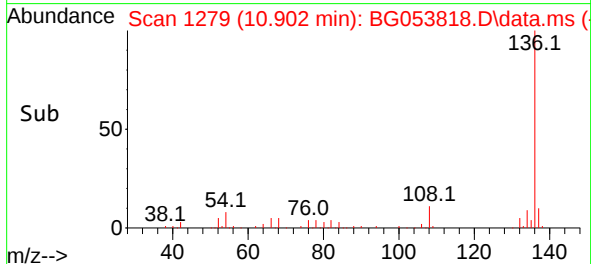
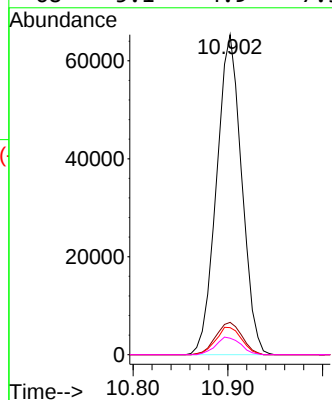
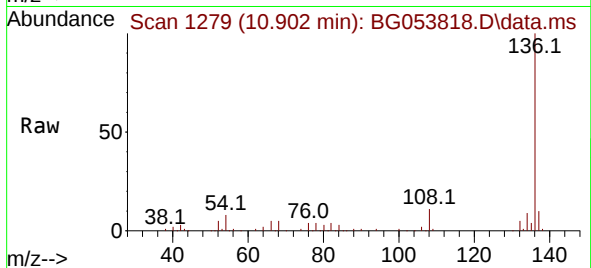




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

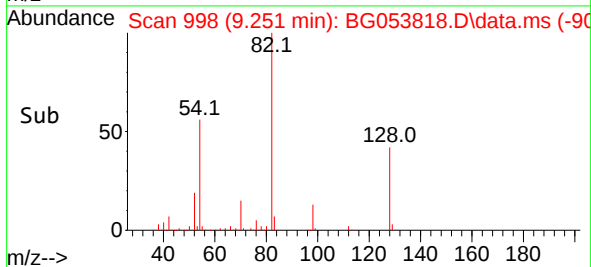
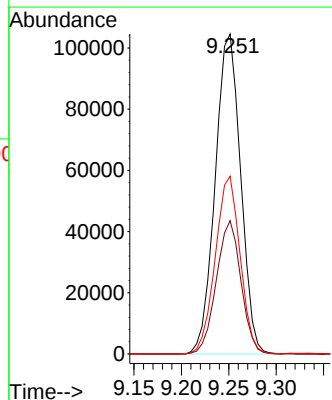
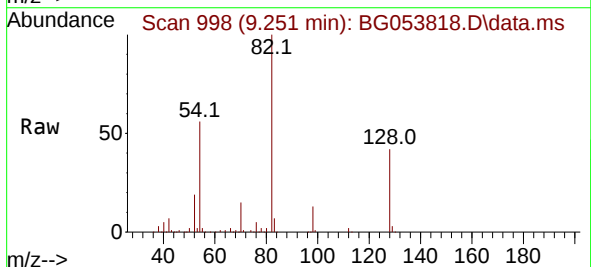
Instrument :
BNA_G
ClientSampleId :
20220425-SPLP-AMENDED-COMP-E

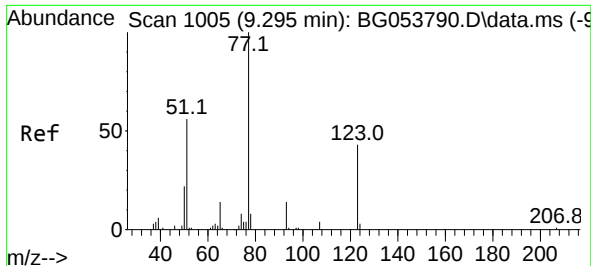
Tgt Ion:136	Resp: 120365
Ion Ratio	Lower Upper
136 100	
137 10.1	8.5 12.7
54 8.5	7.4 11.2
68 5.1	4.9 7.3



#23
Nitrobenzene-d5
Concen: 106.532 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

Tgt Ion: 82	Resp: 195265
Ion Ratio	Lower Upper
82 100	
128 41.7	27.9 41.9
54 55.5	41.2 61.8

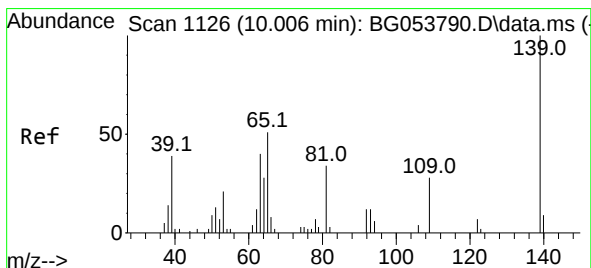
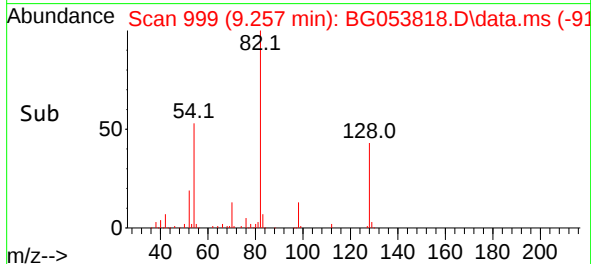
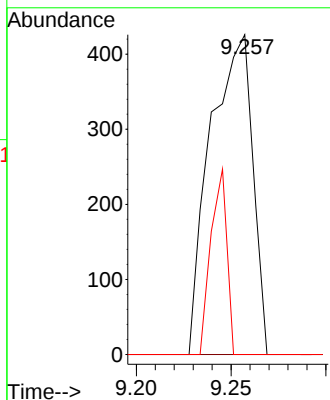
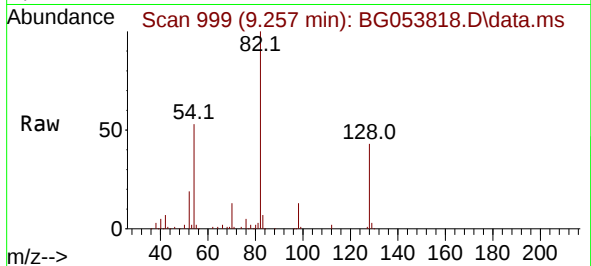




#24
Nitrobenzene
Concen: 3.275 ng
RT: 9.257 min Scan# 91
Delta R.T. -0.038 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

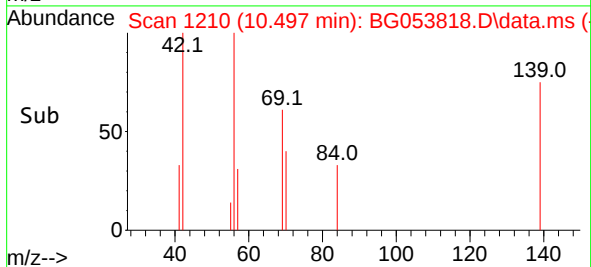
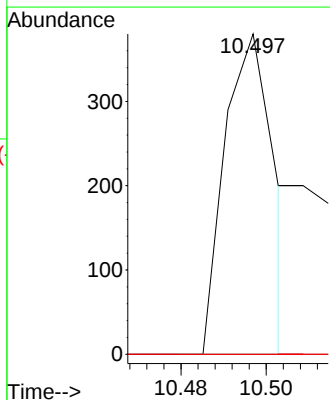
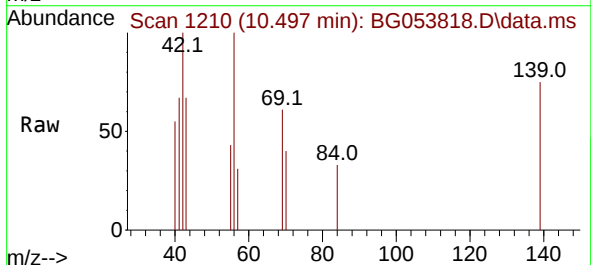
Instrument :
BNA_G
ClientSampleId :
20220425-SPLP-AMENDE-Comp-E

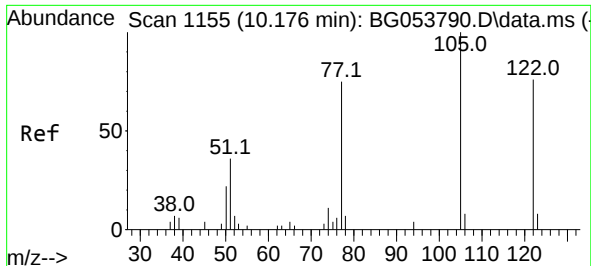
Tgt Ion: 77 Resp: 659
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#26
2-Nitrophenol
Concen: 3.259 ng
RT: 10.497 min Scan# 1210
Delta R.T. 0.491 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

Tgt Ion: 139 Resp: 307
Ion Ratio Lower Upper
139 100
109 0.0 36.1 54.1#
65 0.0 55.8 83.6#

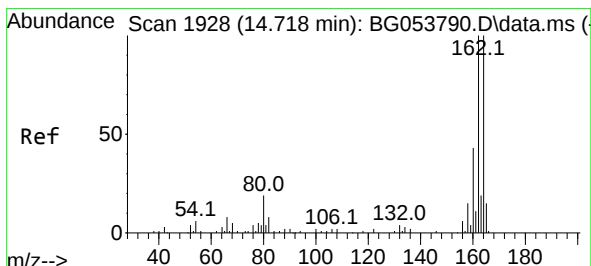
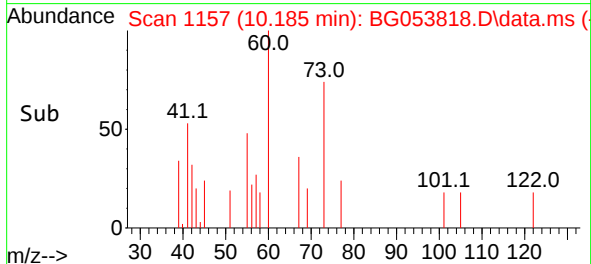
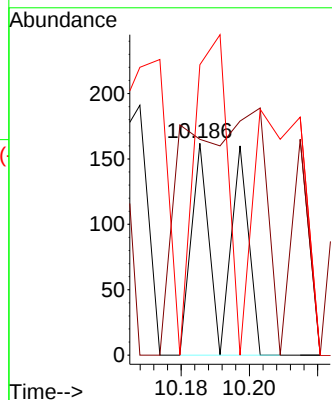
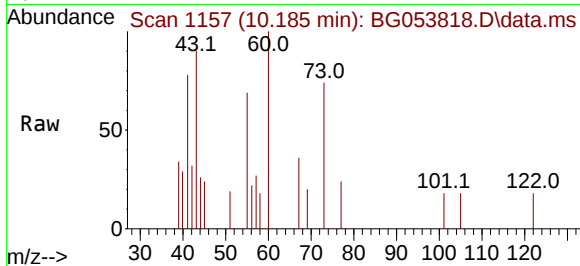




#32
Benzoic acid
Concen: 6.386 ng
RT: 10.185 min Scan# 1155
Delta R.T. 0.009 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

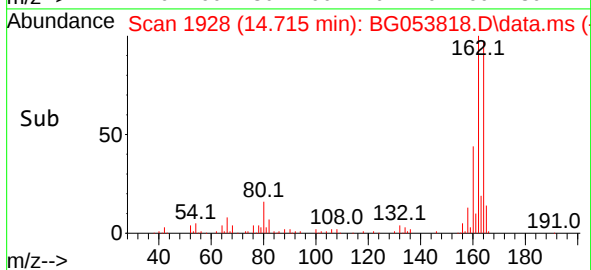
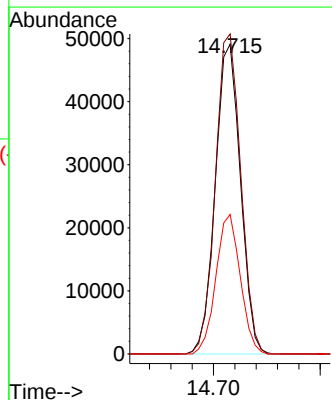
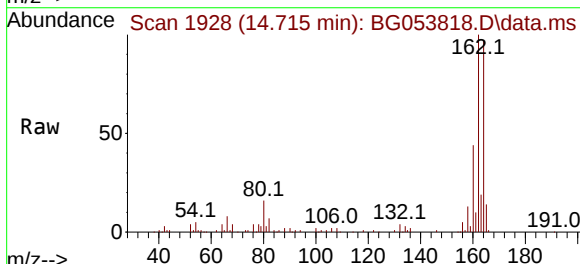
Instrument :
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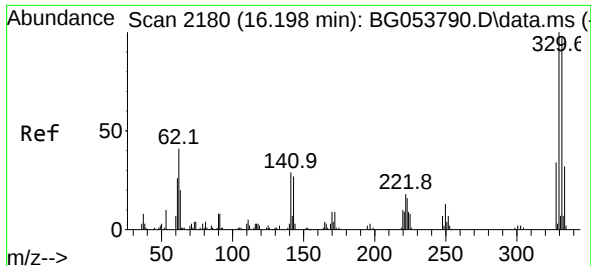
Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 101.9 111.8 151.8#
77 137.0 109.4 149.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.715 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

Tgt Ion:164 Resp: 80389
Ion Ratio Lower Upper
164 100
162 103.3 82.3 123.5
160 45.0 34.2 51.2

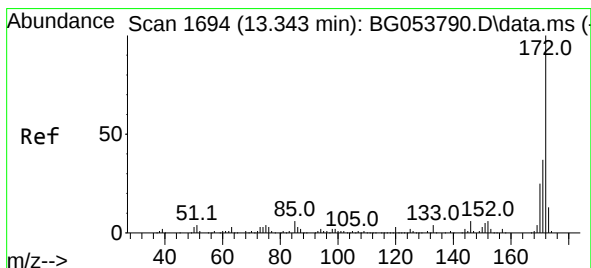
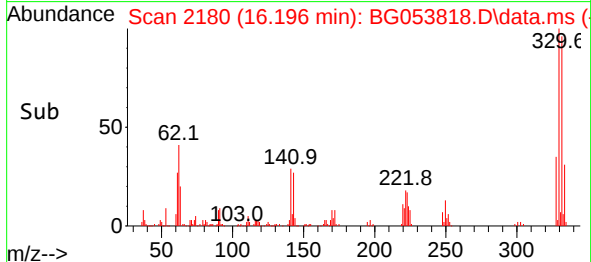
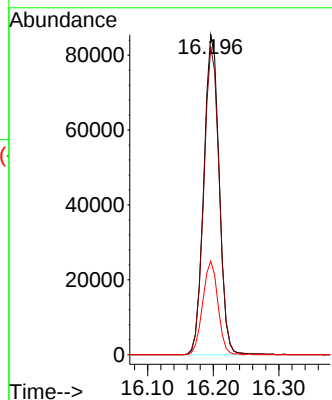
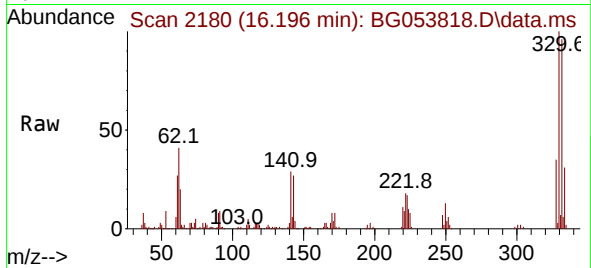




#42
2,4,6-Tribromophenol
Concen: 142.700 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

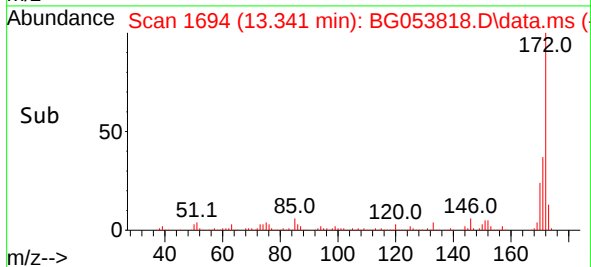
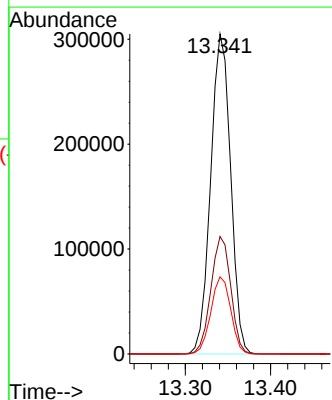
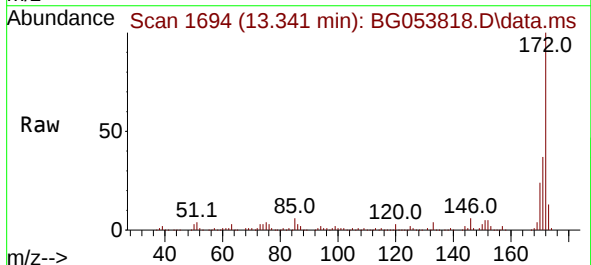
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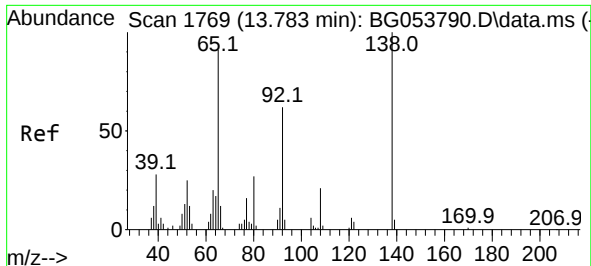
Tgt Ion:330 Resp: 139248
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 28.9 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 92.294 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

Tgt Ion:172 Resp: 495948
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.1 18.9 28.3

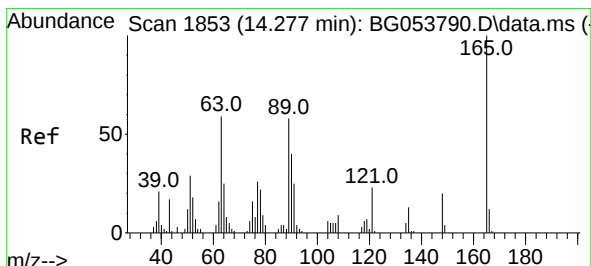
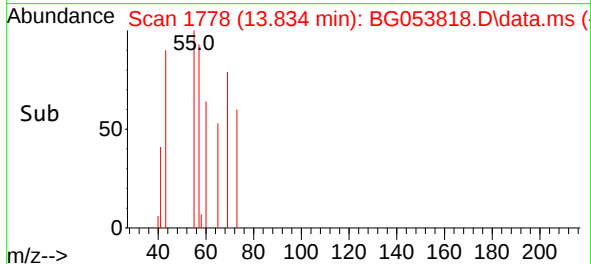
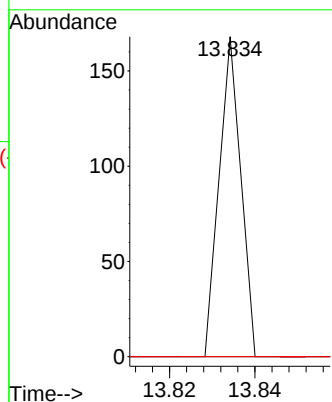
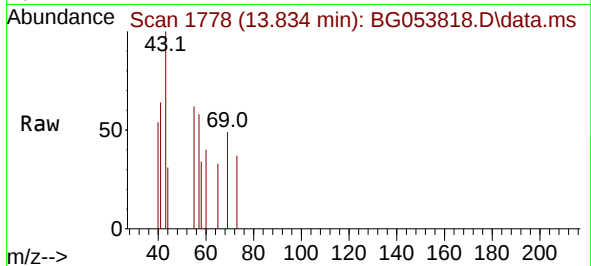




#48
2-Nitroaniline
Concen: 5.087 ng
RT: 13.834 min Scan# 11
Delta R.T. 0.051 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

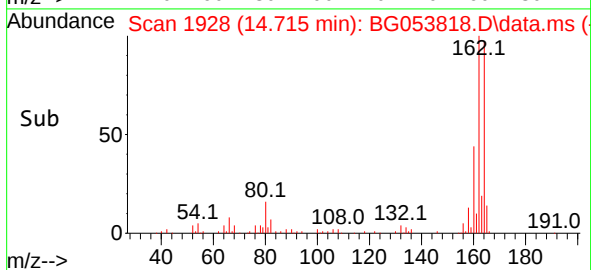
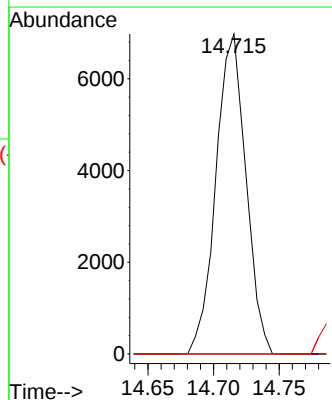
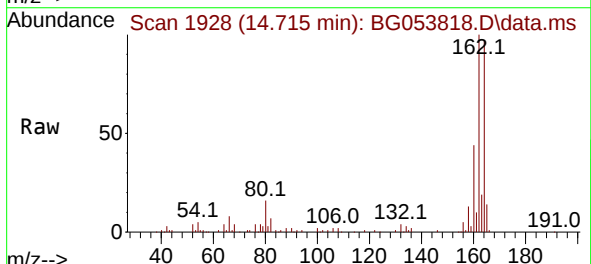
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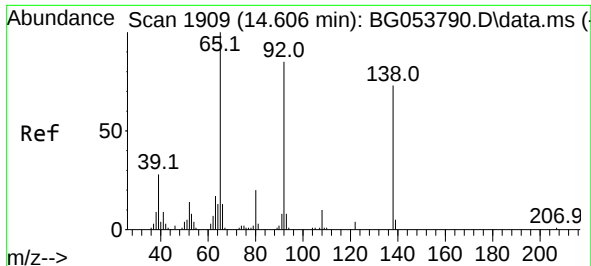
Tgt Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.641 ng
RT: 14.715 min Scan# 1928
Delta R.T. 0.438 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

Tgt Ion: 165 Resp: 11074
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

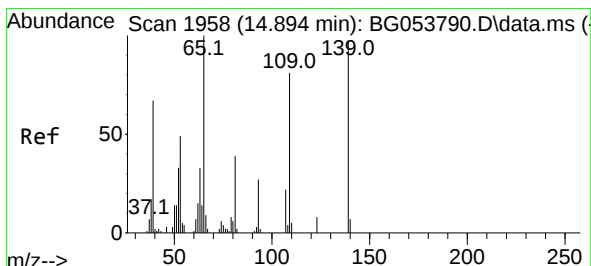
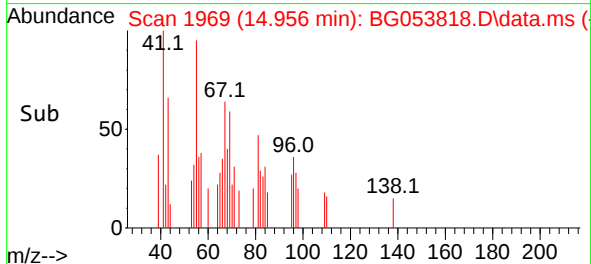
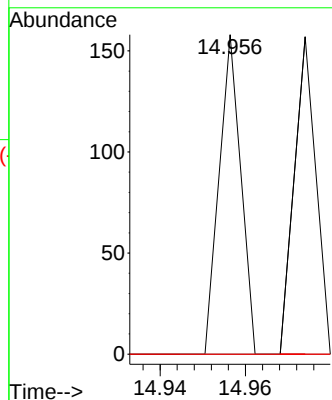
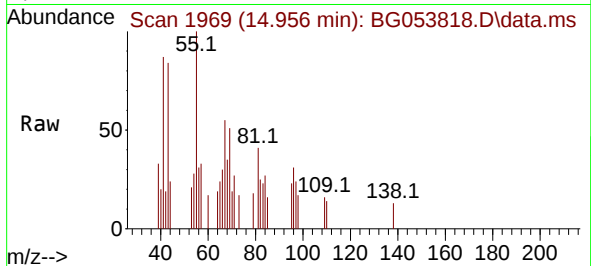




#53
3-Nitroaniline
Concen: 3.831 ng
RT: 14.956 min Scan# 1909
Delta R.T. 0.350 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

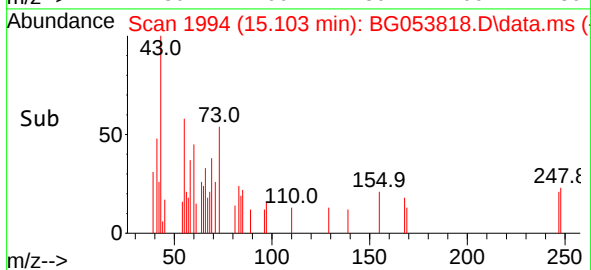
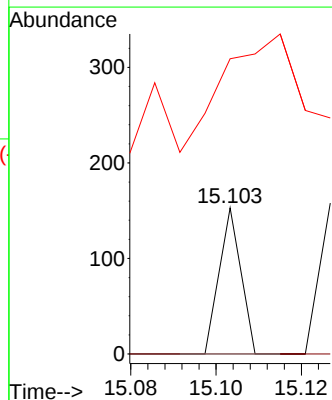
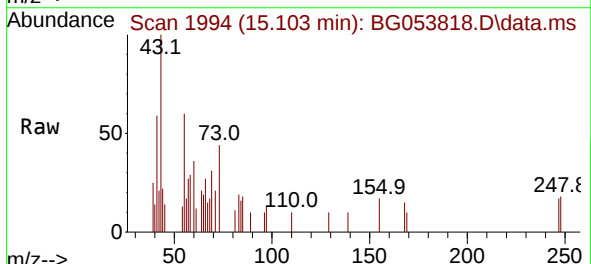
Instrument :
BNA_G
ClientSampleId :
20220425-SPLP-AMENDED-COMP-E

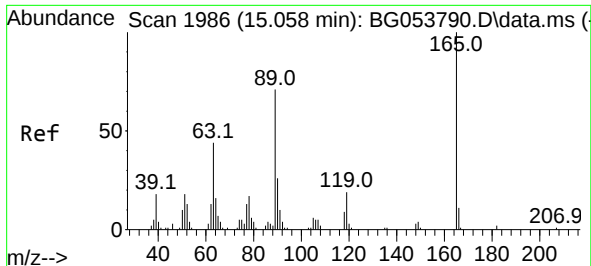
Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
108 0.0 9.2 13.8#
92 0.0 101.9 152.9#



#56
4-Nitrophenol
Concen: 4.672 ng
RT: 15.103 min Scan# 1994
Delta R.T. 0.209 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 88.5 128.5#
65 202.0 93.9 133.9#





#57

2,4-Dinitrotoluene

Concen: 11.387 ng

RT: 14.715 min Scan# 1986

Delta R.T. -0.343 min

Lab File: BG053818.D

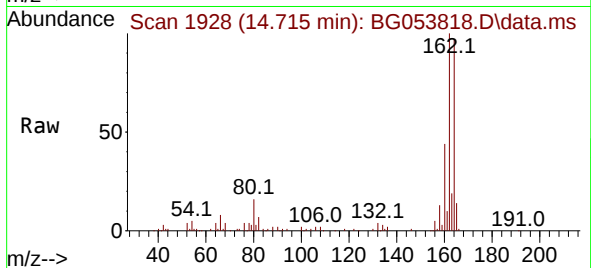
Acq: 3 Jun 2022 18:17

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:165 Resp: 11074

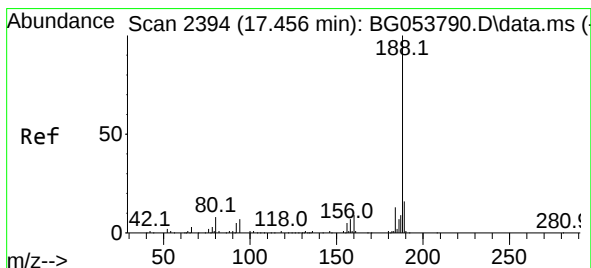
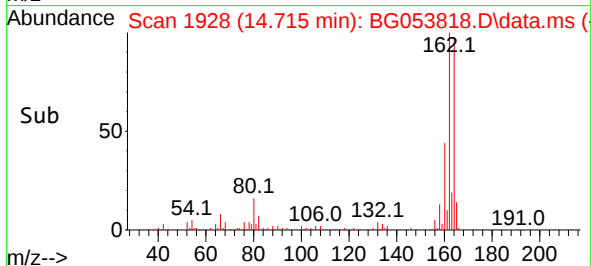
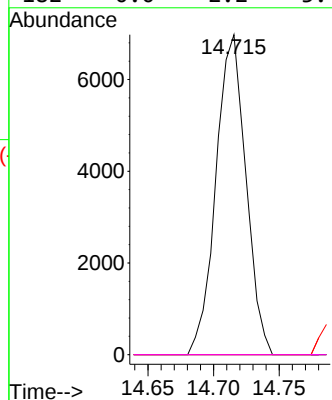
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.459 min Scan# 2395

Delta R.T. 0.003 min

Lab File: BG053818.D

Acq: 3 Jun 2022 18:17

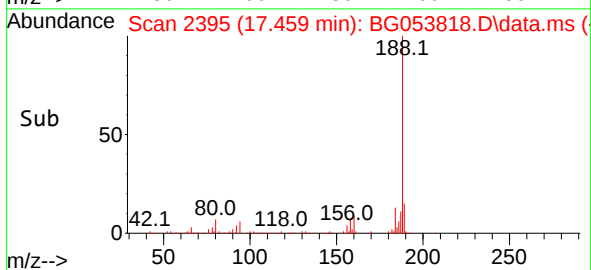
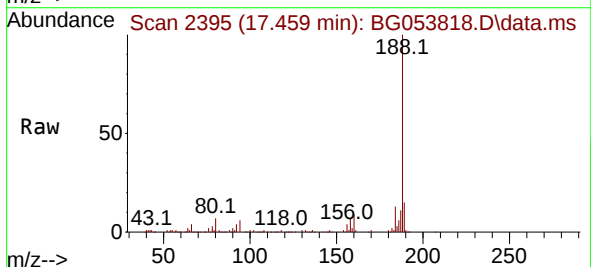
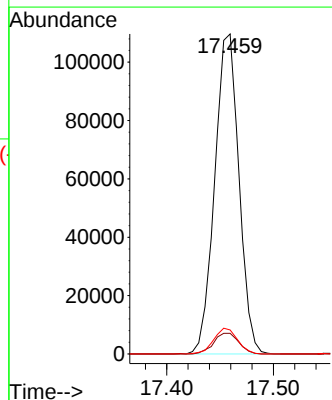
Tgt Ion:188 Resp: 172847

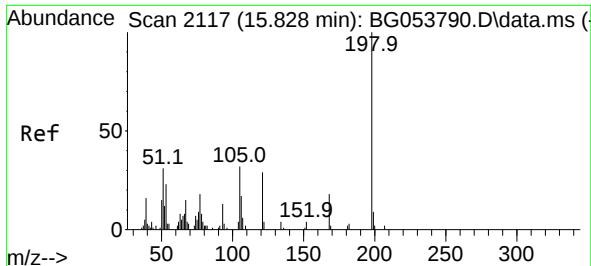
Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

80 7.5 6.8 10.2

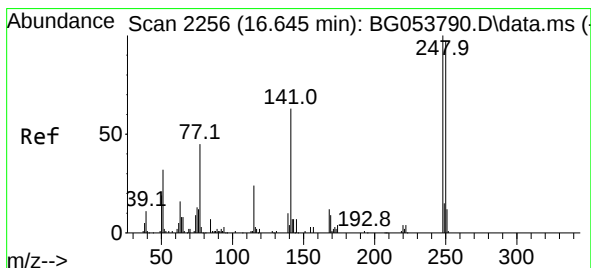
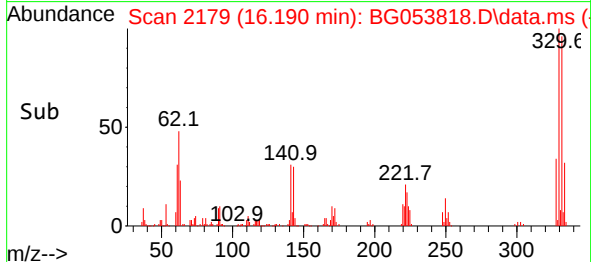
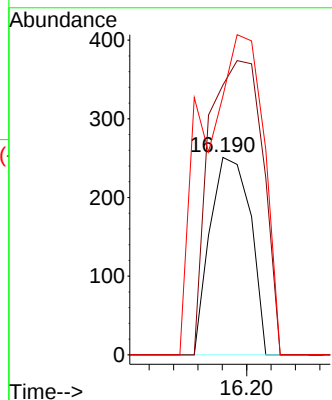
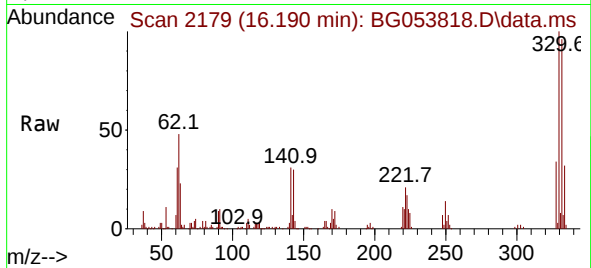




#65
4,6-Dinitro-2-methylphenol
Concen: 5.989 ng
RT: 16.190 min Scan# 2117
Delta R.T. 0.362 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

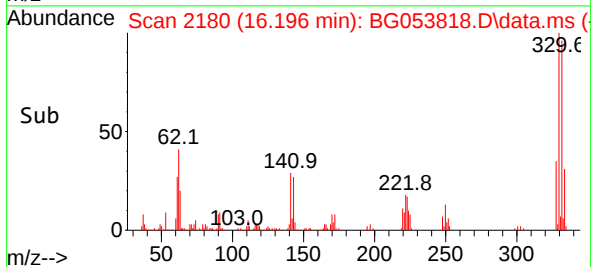
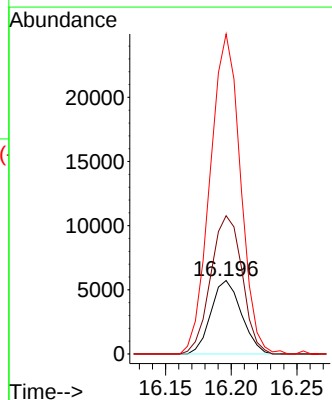
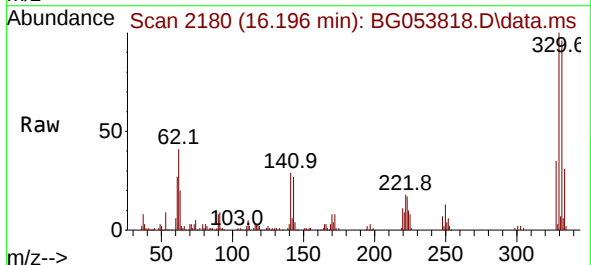
Instrument :
BNA_G
ClientSampleId :
20220425-SPLP-AMENDED-COMP-E

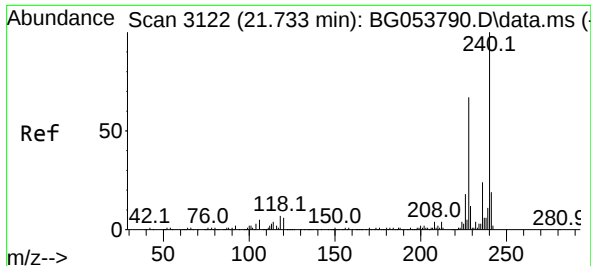
Tgt Ion:198 Resp: 289
Ion Ratio Lower Upper
198 100
51 28.6 28.1 68.1
105 27.4 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 4.913 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.449 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

Tgt Ion:248 Resp: 9226
Ion Ratio Lower Upper
248 100
250 190.0 75.2 112.8#
141 332.1 50.0 75.0#

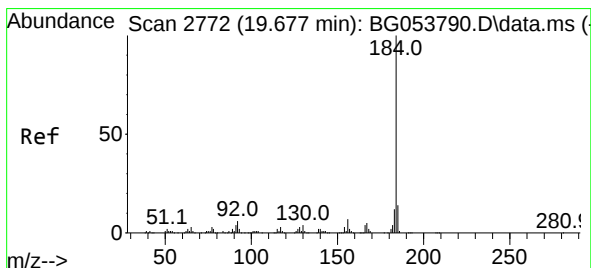
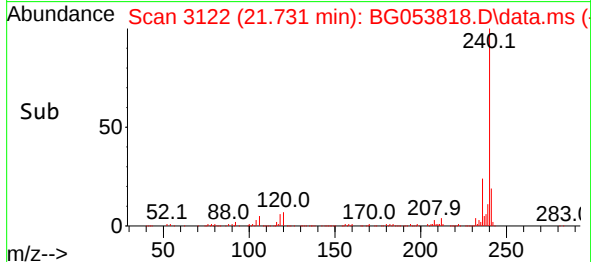
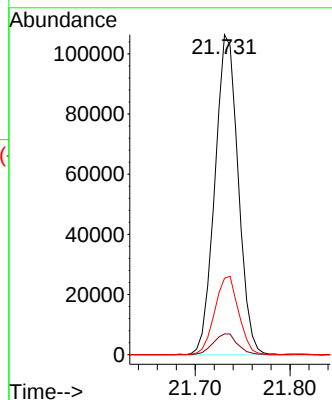
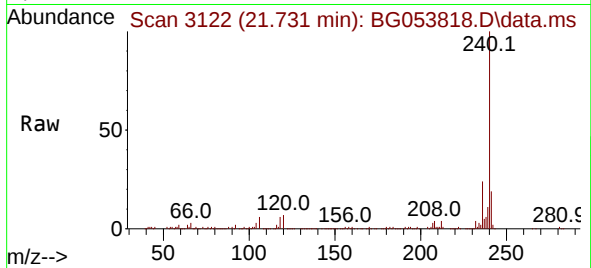




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

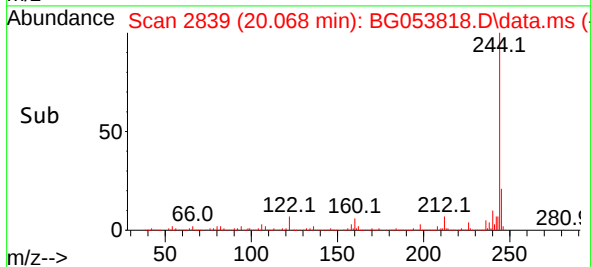
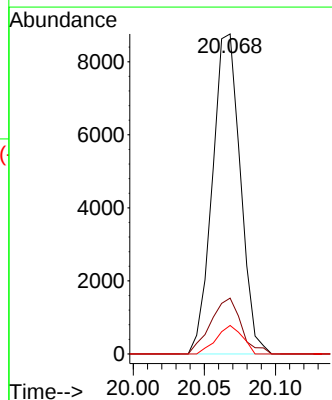
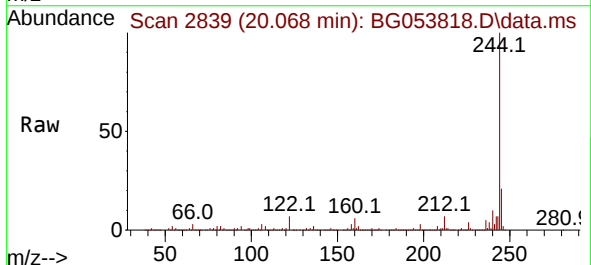
Instrument :
BNA_G
ClientSampleId :
20220425-SPLP-AMENDED-COMP-E

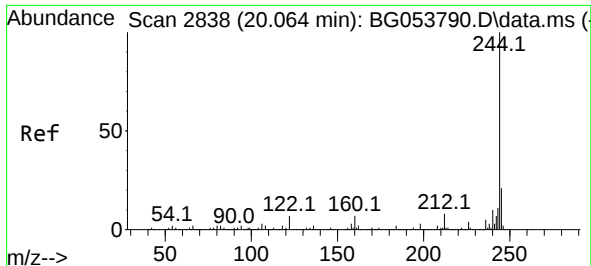
Tgt Ion:240 Resp: 181746
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 23.9 20.2 30.4



#77
Benzidine
Concen: 2.691 ng
RT: 20.068 min Scan# 2839
Delta R.T. 0.392 min
Lab File: BG053818.D
Acq: 3 Jun 2022 18:17

Tgt Ion:184 Resp: 11959
Ion Ratio Lower Upper
184 100
185 17.4 11.8 17.6
183 8.9 8.9 13.3

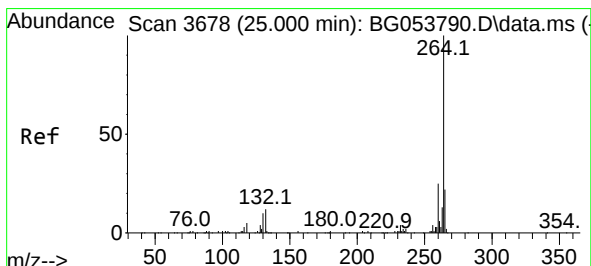
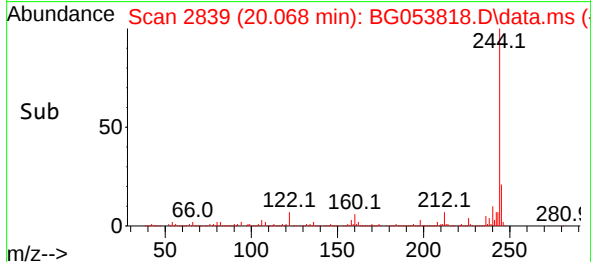
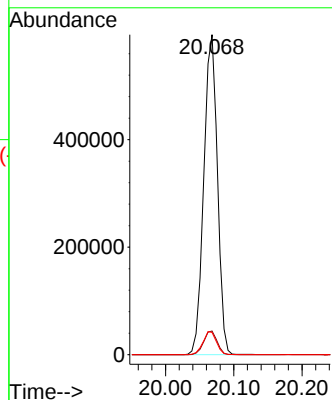
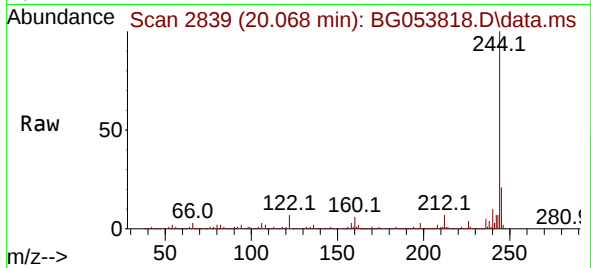




#79
 Terphenyl-d14
 Concen: 90.581 ng
 RT: 20.068 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG053818.D
 Acq: 3 Jun 2022 18:17

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

Tgt Ion:244 Resp: 827521
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.998 min Scan# 3678
 Delta R.T. -0.002 min
 Lab File: BG053818.D
 Acq: 3 Jun 2022 18:17

Tgt Ion:264 Resp: 184078
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 20.8 17.4 26.2

