

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052355.D
 Acq On : 10 Feb 2022 15:43
 Operator : CG/JU
 Sample : N1432-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-5

Quant Time: Feb 10 17:50:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	28920	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	113594	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	80583	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	204215	20.000	ng	0.00
76) Chrysene-d12	21.939	240	202846	20.000	ng	0.00
86) Perylene-d12	25.411	264	201675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	146365	88.207	ng	0.00
7) Phenol-d6	7.371	99	208640	81.491	ng	0.00
23) Nitrobenzene-d5	9.397	82	144371	55.236	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	114383	98.802	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	334442	57.670	ng	0.00
79) Terphenyl-d14	20.212	244	662049	57.634	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	54	0.071	ng	# 1
3) Pyridine	3.881	79	55	0.025	ng	# 10
4) n-Nitrosodimethylamine	3.981	42	59	0.052	ng	# 1
10) Phenol	7.400	94	3050	1.199	ng	94
15) Benzyl Alcohol	8.234	79	758	0.357	ng	# 35
22) Acetophenone	9.051	105	212	0.071	ng	# 48
24) Nitrobenzene	9.391	77	424	0.171	ng	# 48
25) Isophorone	9.562	82	55	0.012	ng	# 68
46) 1,1'-Biphenyl	13.492	154	420	0.071	ng	# 1
48) 2-Nitroaniline	14.396	65	58	0.036	ng	# 10
49) Acenaphthylene	14.808	152	56	0.008	ng	# 60
50) Dimethylphthalate	14.302	163	84	0.014	ng	# 76
52) Acenaphthene	14.943	154	55	0.011	ng	# 4
58) Fluorene	16.353	166	3469	0.569	ng	# 84
60) Diethylphthalate	15.665	149	436	0.070	ng	# 67
63) Azobenzene	16.294	77	66	0.010	ng	# 48
65) 4,6-Dinitro-2-methylph...	16.358	198	290	0.236	ng	# 16
66) n-Nitrosodiphenylamine	16.358	169	3672	0.653	ng	# 49
71) Phenanthrene	17.663	178	1639	0.156	ng	# 75
72) Anthracene	17.663	178	1639	0.159	ng	# 73
73) Carbazole	18.133	167	58	0.006	ng	# 59
74) Di-n-butylphthalate	18.561	149	378	0.034	ng	# 77
75) Fluoranthene	19.666	202	1745	0.130	ng	91
78) Pyrene	20.024	202	3106	0.229	ng	# 84
80) Butylbenzylphthalate	20.882	149	331	0.070	ng	# 65
81) Benzo(a)anthracene	21.922	228	875	0.065	ng	# 79
82) 3,3'-Dichlorobenzidine	21.992	252	69	0.015	ng	# 24
83) Chrysene	21.980	228	1293	0.102	ng	# 85
84) Bis(2-ethylhexyl)phtha...	21.792	149	1632	0.250	ng	# 54
85) Di-n-octyl phthalate	23.096	149	250	0.023	ng	# 1
87) Indeno(1,2,3-cd)pyrene	29.400	276	398	0.027	ng	# 56
88) Benzo(b)fluoranthene	24.301	252	744	0.059	ng	# 59
89) Benzo(k)fluoranthene	24.365	252	508	0.041	ng	# 9
90) Benzo(a)pyrene	25.235	252	528	0.050	ng	# 60
92) Benzo(g,h,i)perylene	30.686	276	479	0.040	ng	# 59

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QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

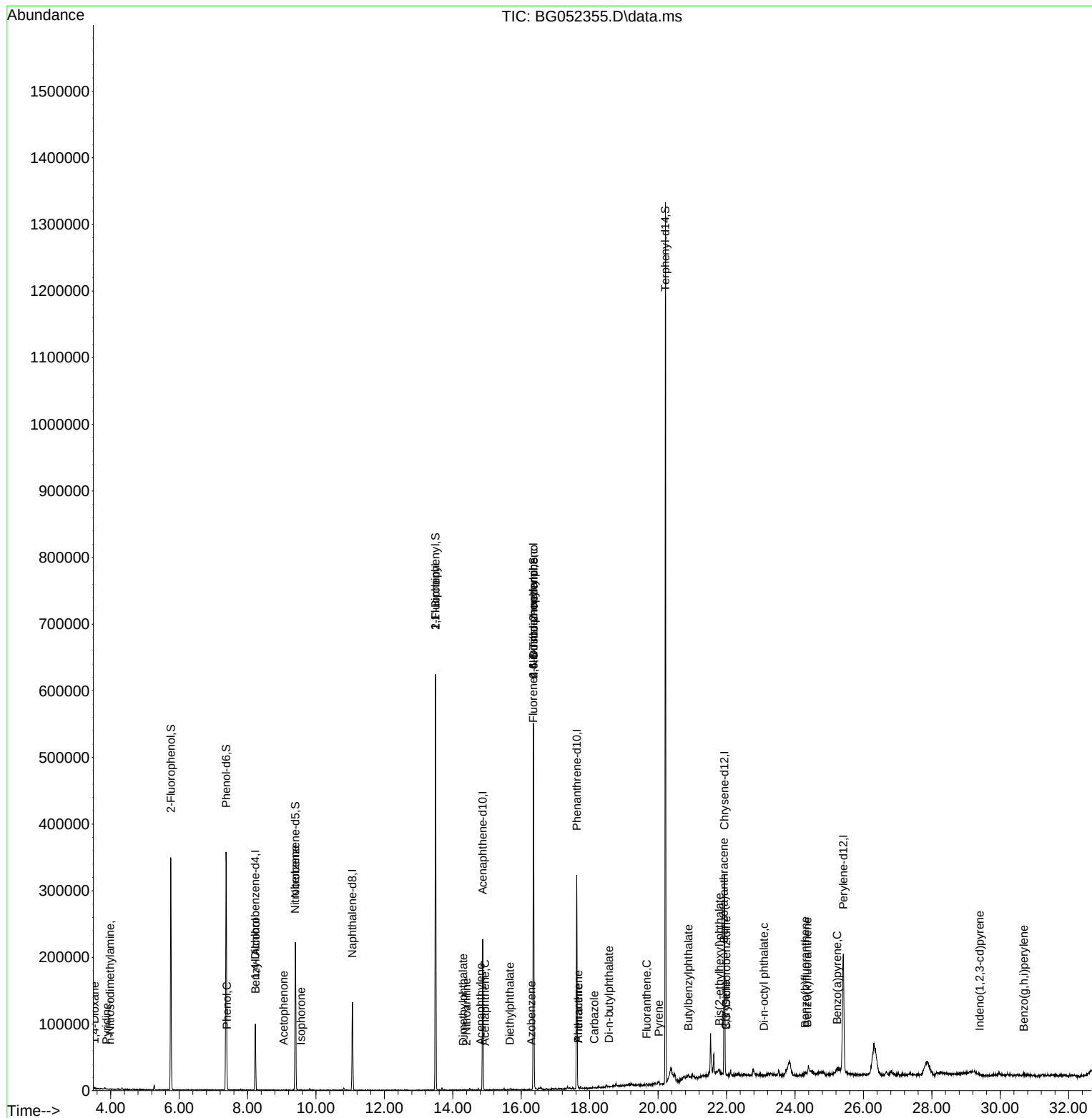
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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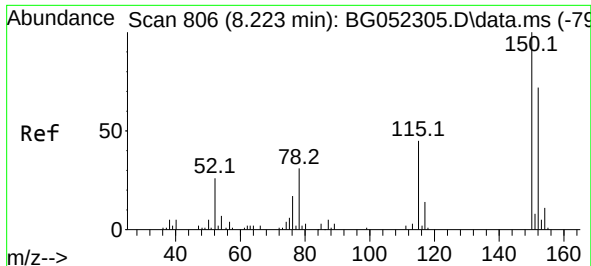
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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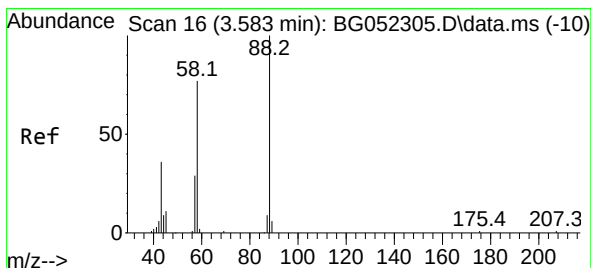
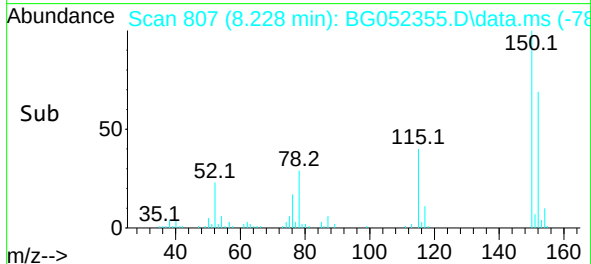
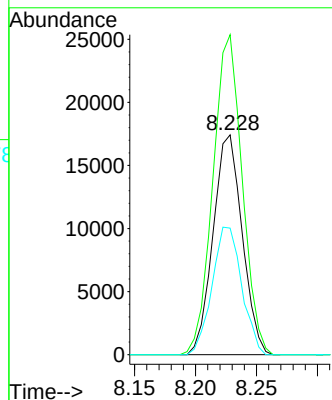
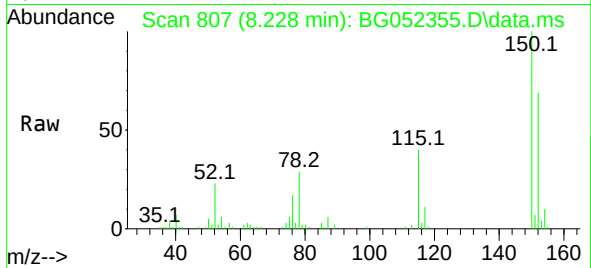




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.228 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BG052355.D
 Acq: 10 Feb 2022 15:43

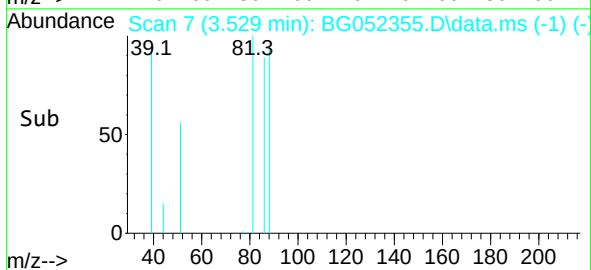
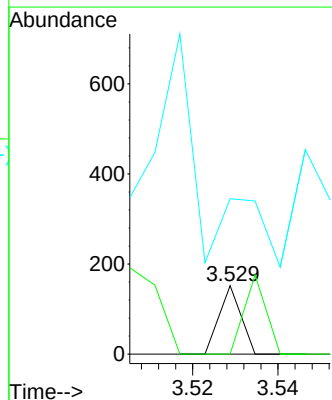
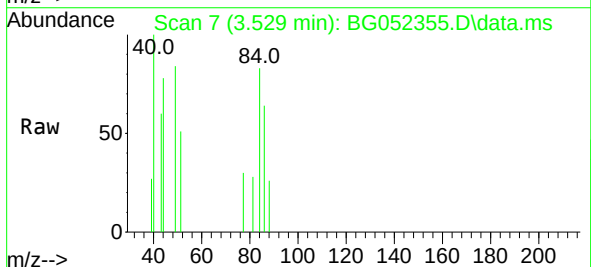
Instrument :
 BNA_G
 ClientSampleId :
 SP-5

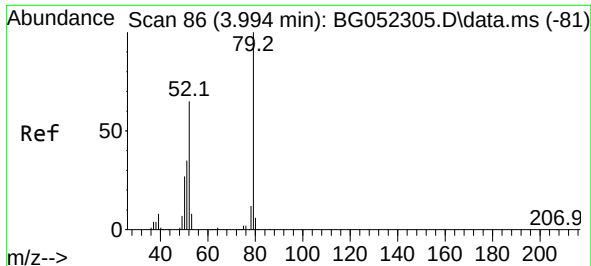
Tgt Ion:152 Resp: 28920
 Ion Ratio Lower Upper
 152 100
 150 145.6 117.8 176.8
 115 57.6 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.071 ng
 RT: 3.529 min Scan# 7
 Delta R.T. -0.054 min
 Lab File: BG052355.D
 Acq: 10 Feb 2022 15:43

Tgt Ion: 88 Resp: 54
 Ion Ratio Lower Upper
 88 100
 58 114.8 65.8 98.8#
 43 227.8 31.6 47.4#





#3

Pyridine

Concen: 0.025 ng

RT: 3.881 min Scan# 61

Delta R.T. -0.113 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

Instrument :

BNA_G

ClientSampleId :

SP-5

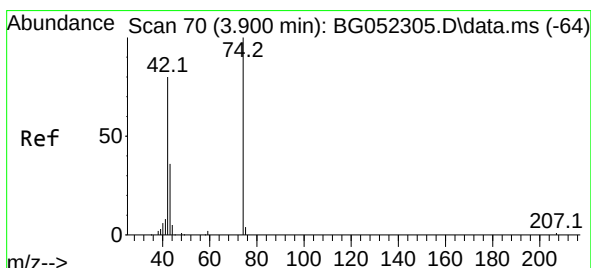
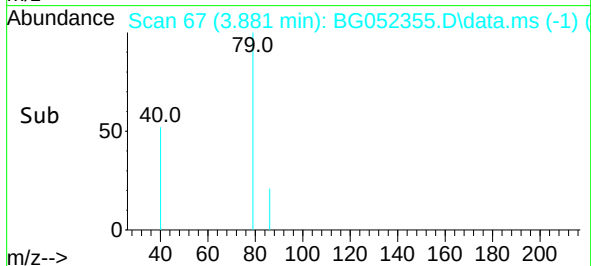
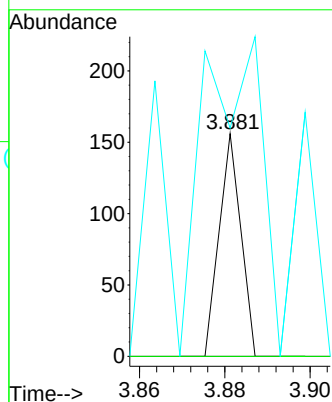
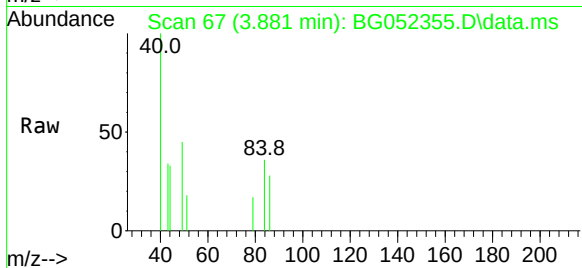
Tgt Ion: 79 Resp: 55

Ion Ratio Lower Upper

79 100

52 0.0 55.0 82.6#

51 102.6 32.5 48.7#



#4

n-Nitrosodimethylamine

Concen: 0.052 ng

RT: 3.981 min Scan# 84

Delta R.T. 0.081 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

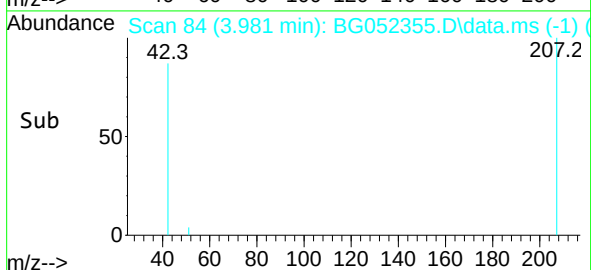
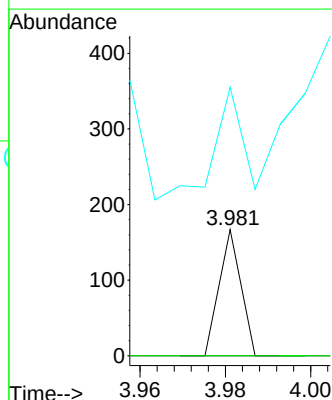
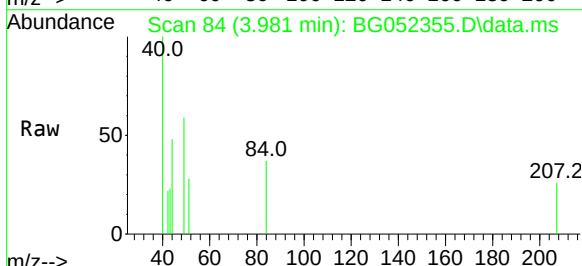
Tgt Ion: 42 Resp: 59

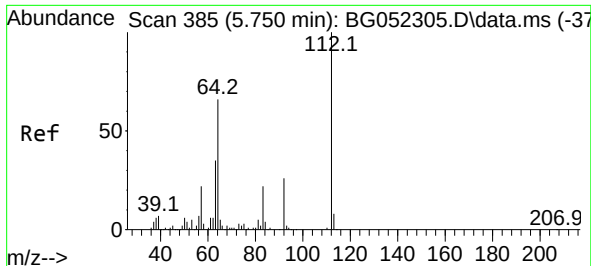
Ion Ratio Lower Upper

42 100

74 0.0 83.0 124.4#

44 212.6 5.0 7.6#

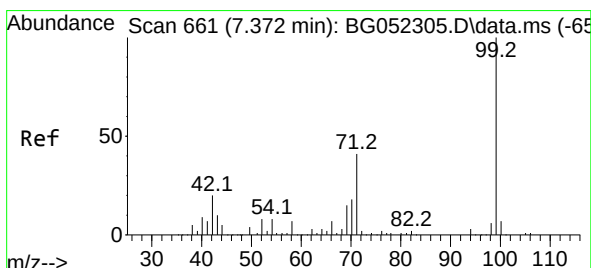
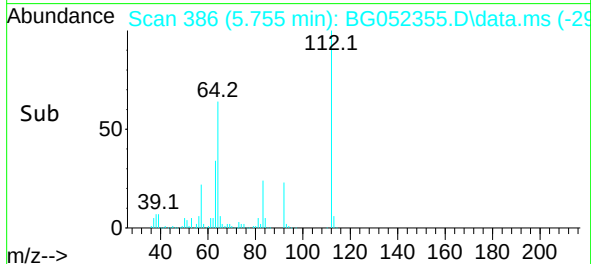
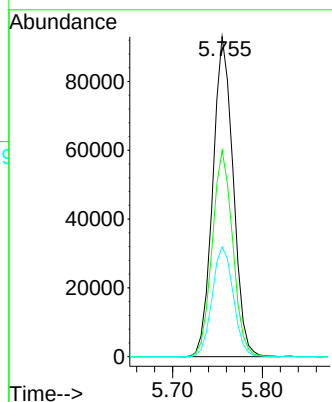
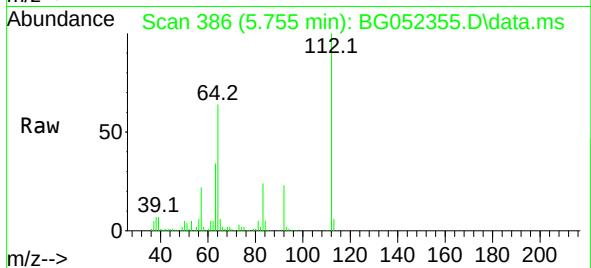




#5
2-Fluorophenol
Concen: 88.207 ng
RT: 5.755 min Scan# 385
Delta R.T. 0.005 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

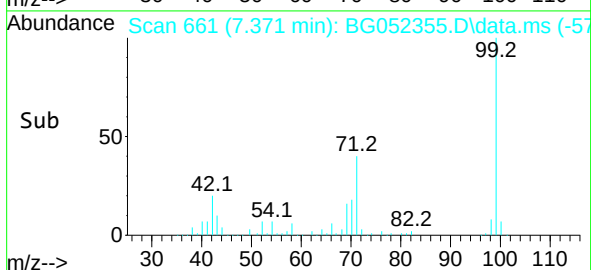
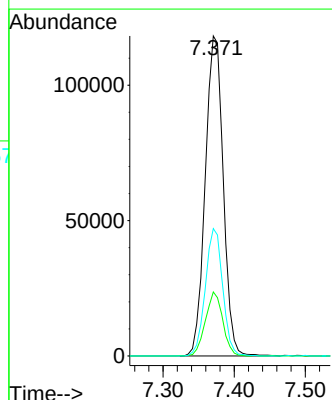
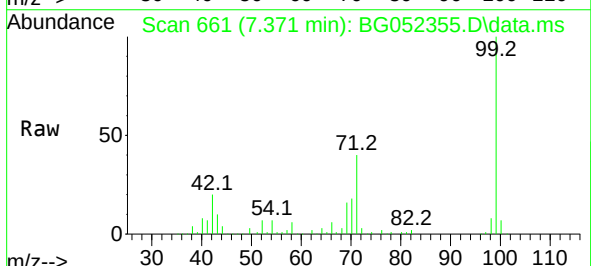
Instrument :
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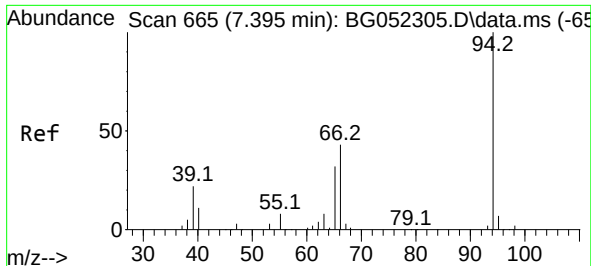
Tgt Ion:112 Resp: 146365
Ion Ratio Lower Upper
112 100
64 64.5 60.4 90.6
63 34.3 33.3 49.9



#7
Phenol-d6
Concen: 81.491 ng
RT: 7.371 min Scan# 661
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion: 99 Resp: 208640
Ion Ratio Lower Upper
99 100
42 20.0 19.1 28.7
71 39.8 33.4 50.2

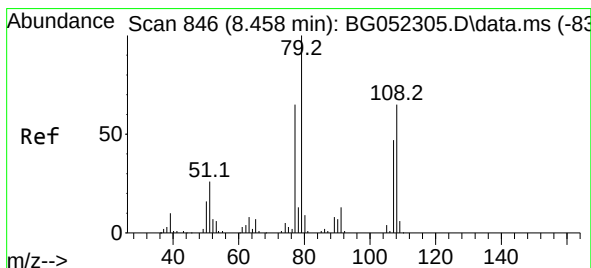
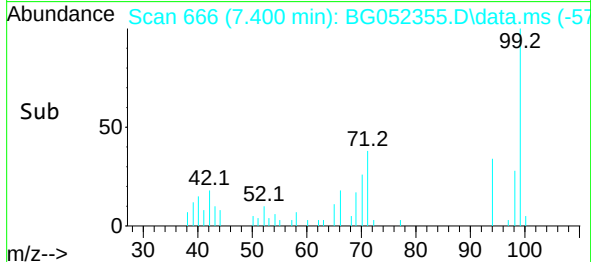
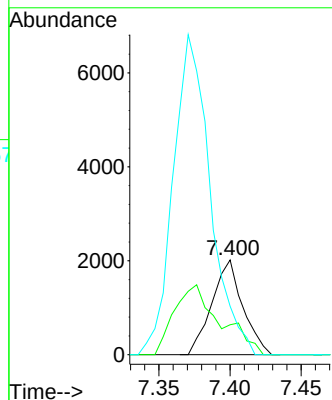
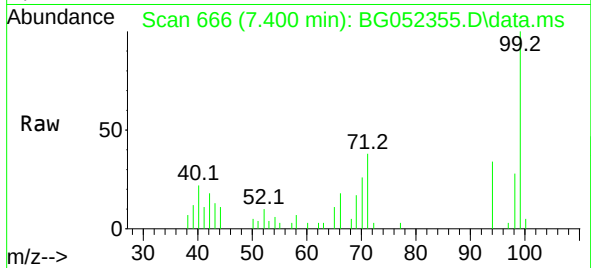




#10
Phenol
Concen: 1.199 ng
RT: 7.400 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

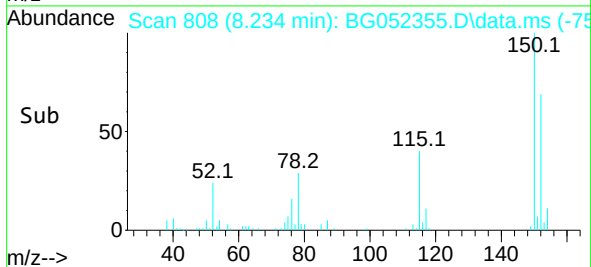
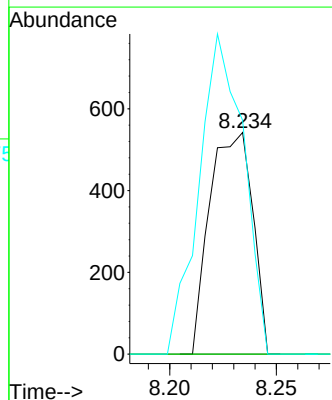
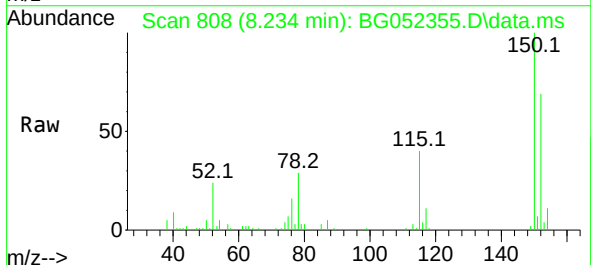
Instrument :
BNA_G
ClientSampleId :
SP-5

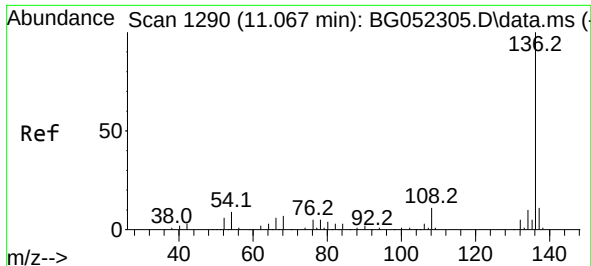
Tgt Ion: 94 Resp: 3050
Ion Ratio Lower Upper
94 100
65 31.6 14.1 54.1
66 51.1 26.6 66.6



#15
Benzyl Alcohol
Concen: 0.357 ng
RT: 8.234 min Scan# 808
Delta R.T. -0.224 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion: 79 Resp: 758
Ion Ratio Lower Upper
79 100
108 0.0 53.8 80.6#
77 105.5 54.4 81.6#

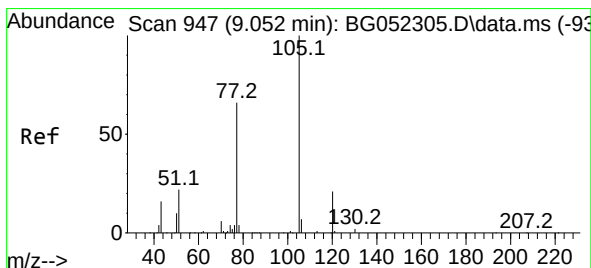
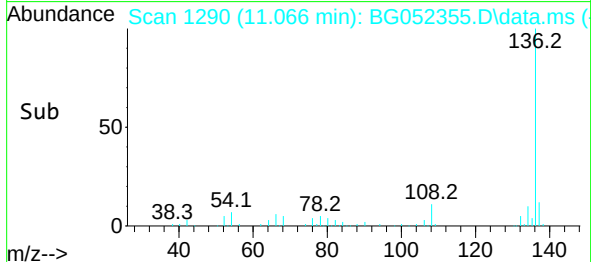
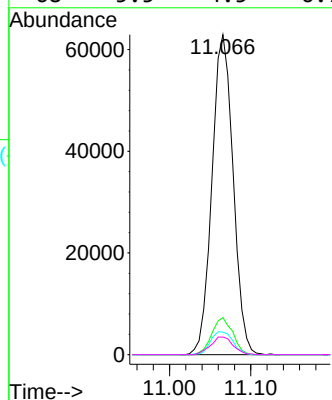
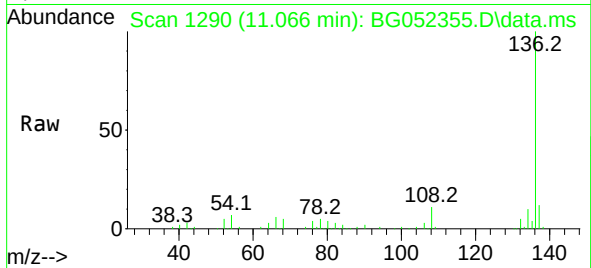




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

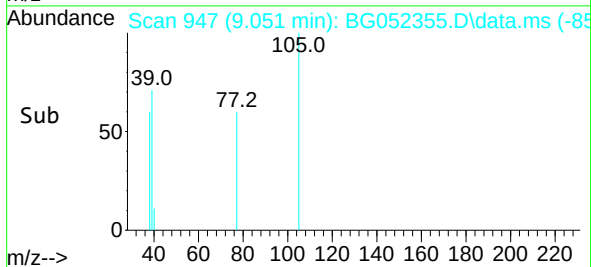
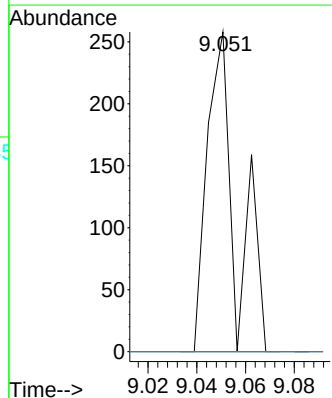
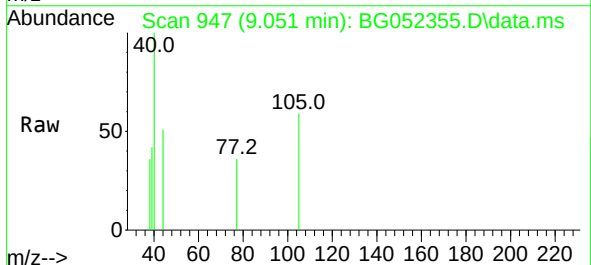
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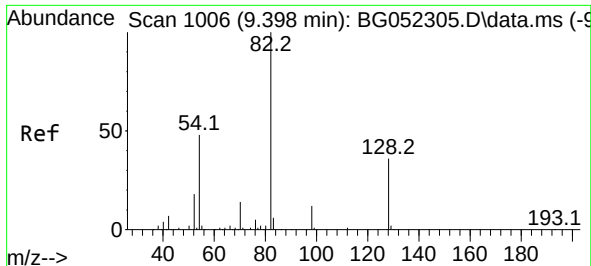
Tgt Ion:136	Resp:	113594
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.1 13.7
54	7.1	8.3 12.5#
68	5.5	4.5 6.7



#22
Acetophenone
Concen: 0.071 ng
RT: 9.051 min Scan# 947
Delta R.T. -0.001 min
Lab File: BG052355.D
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Tgt Ion:105	Resp:	212
Ion Ratio	Lower	Upper
105	100	
71	0.0	1.8 2.6#
51	0.0	27.0 40.4#
120	0.0	16.2 24.4#

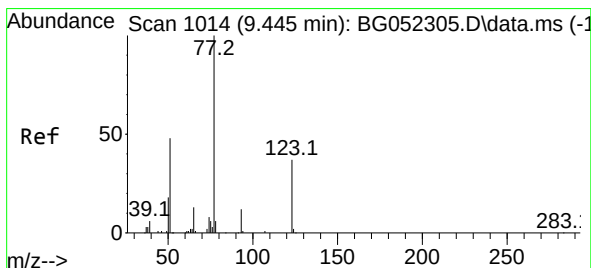
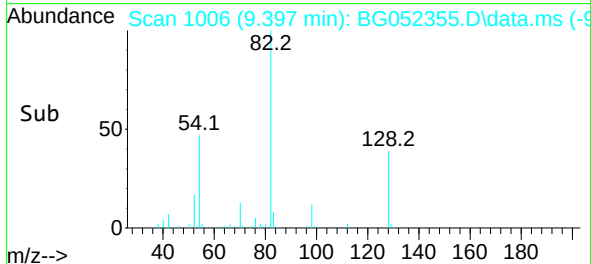
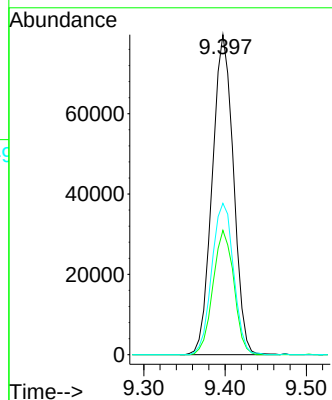
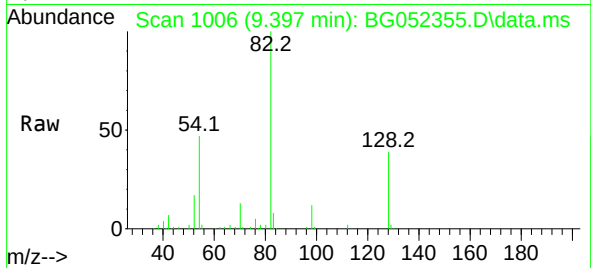




#23
Nitrobenzene-d5
Concen: 55.236 ng
RT: 9.397 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

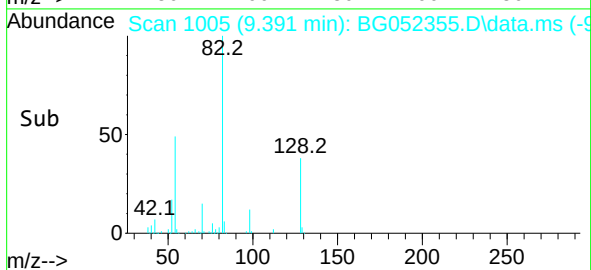
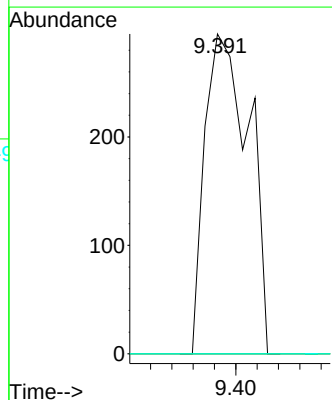
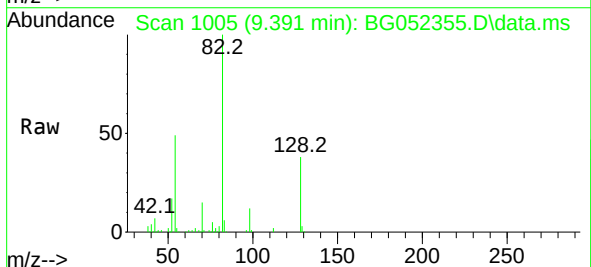
Instrument :
BNA_G
ClientSampleId :
SP-5

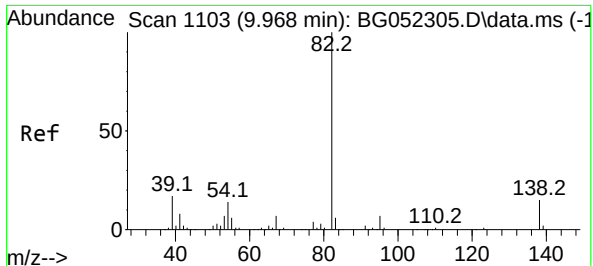
Tgt Ion: 82 Resp: 144371
Ion Ratio Lower Upper
82 100
128 38.8 27.0 40.4
54 47.3 41.0 61.6



#24
Nitrobenzene
Concen: 0.171 ng
RT: 9.391 min Scan# 1005
Delta R.T. -0.054 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion: 77 Resp: 424
Ion Ratio Lower Upper
77 100
123 0.0 27.1 40.7#
65 0.0 11.2 16.8#

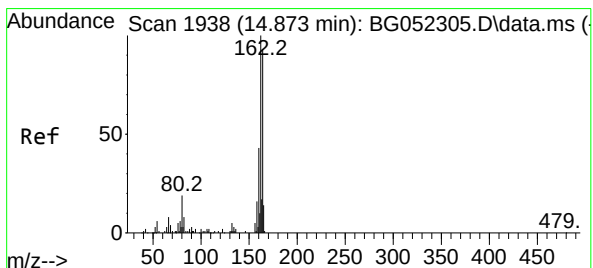
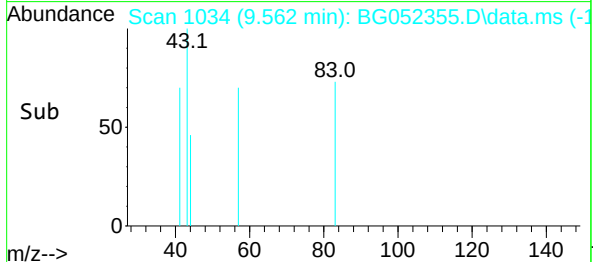
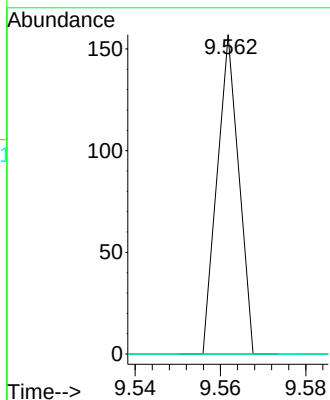
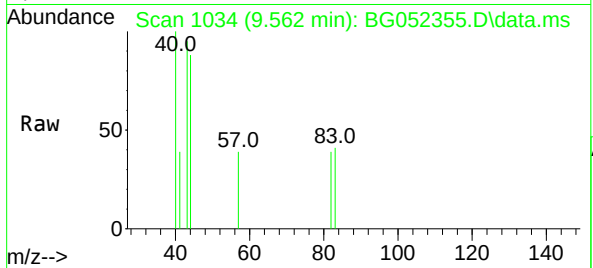




#25
Isophorone
Concen: 0.012 ng
RT: 9.562 min Scan# 1034
Delta R.T. -0.406 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

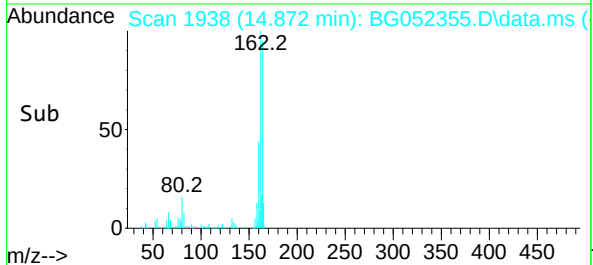
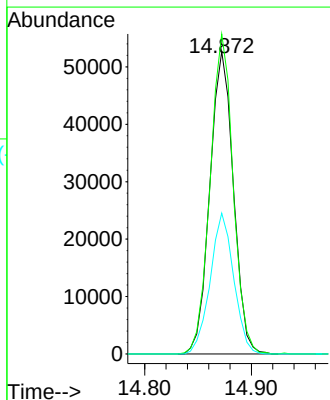
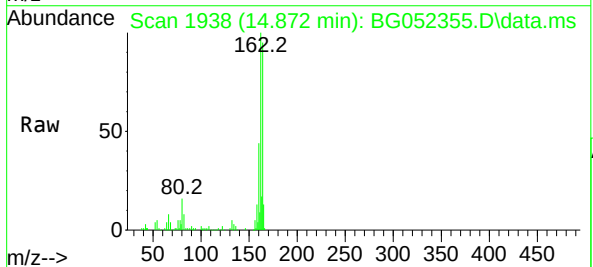
Instrument :
BNA_G
ClientSampleId :
SP-5

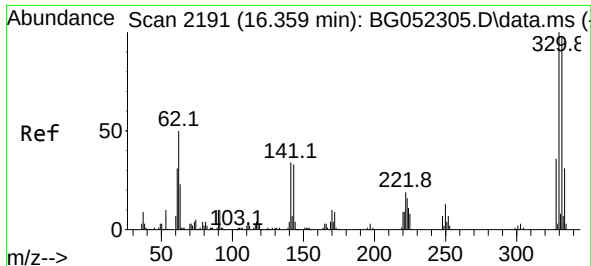
Tgt Ion: 82 Resp: 55
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.872 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion: 164 Resp: 80583
Ion Ratio Lower Upper
164 100
162 105.8 82.2 123.2
160 46.5 36.2 54.2

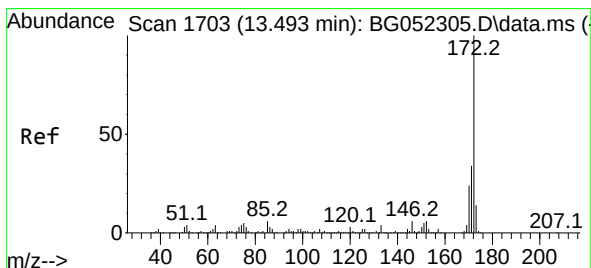
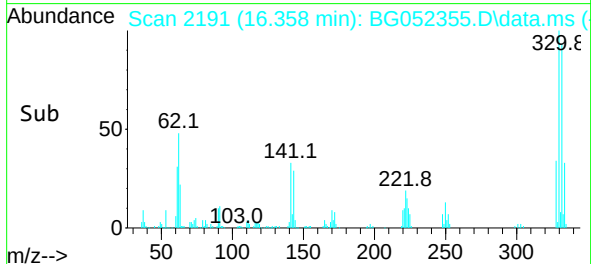
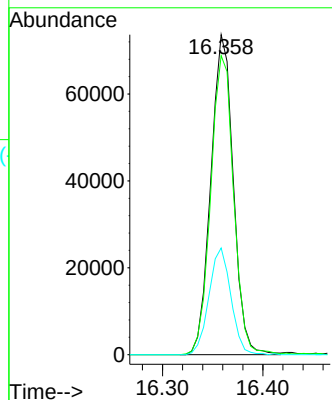
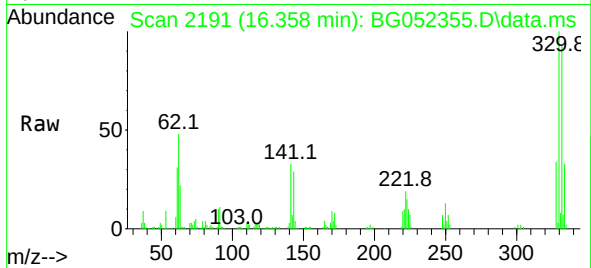




#42
2,4,6-Tribromophenol
Concen: 98.802 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

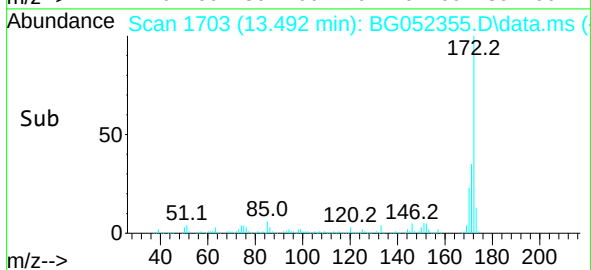
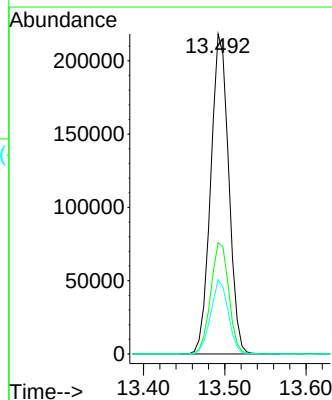
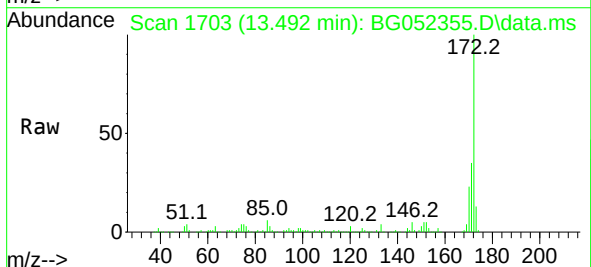
Instrument :
BNA_G
ClientSampleId :
SP-5

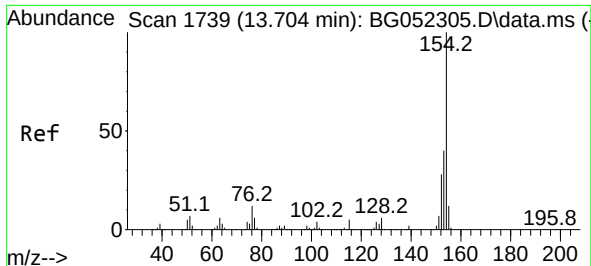
Tgt Ion:330 Resp: 114383
Ion Ratio Lower Upper
330 100
332 95.5 78.6 117.8
141 32.7 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 57.670 ng
RT: 13.492 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion:172 Resp: 334442
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.2 18.3 27.5

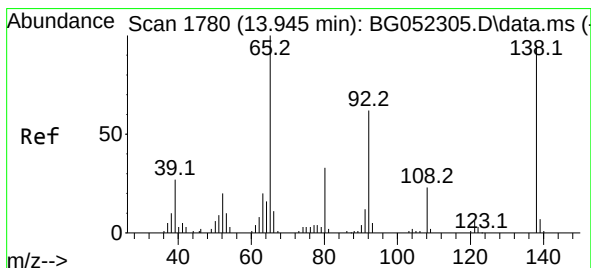
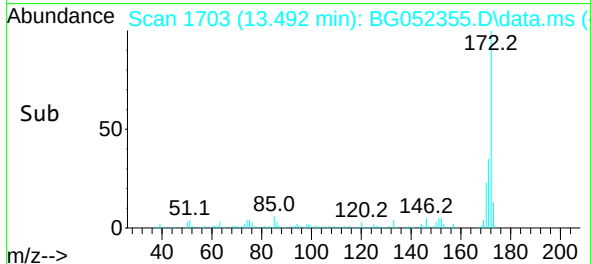
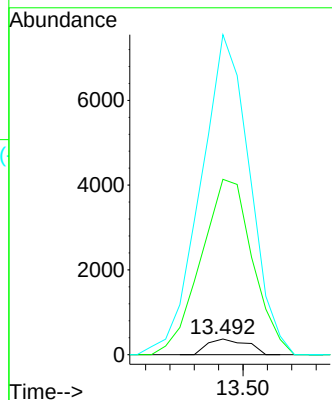
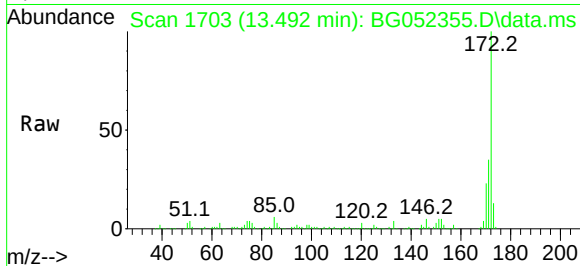




#46
1,1'-Biphenyl
Concen: 0.071 ng
RT: 13.492 min Scan# 11
Delta R.T. -0.212 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

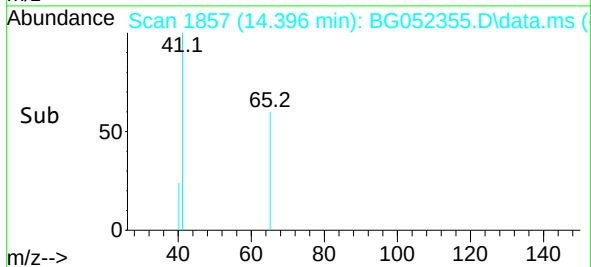
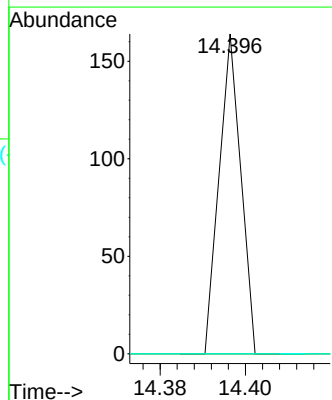
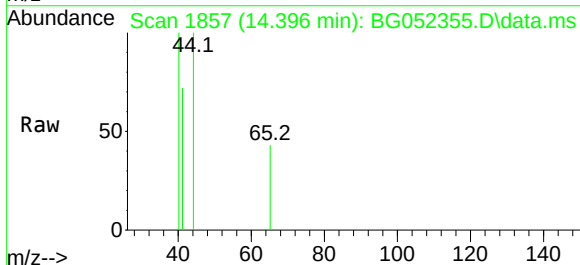
Instrument :
BNA_G
ClientSampleId :
SP-5

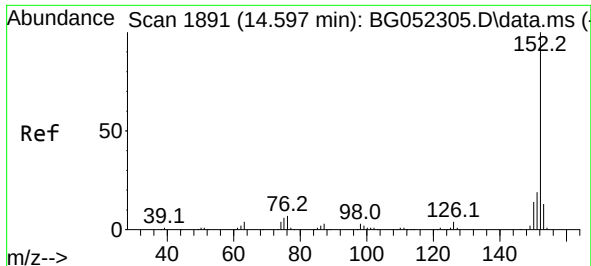
Tgt Ion:154 Resp: 420
Ion Ratio Lower Upper
154 100
153 1117.8 21.1 61.1#
76 2040.5 0.0 32.6#



#48
2-Nitroaniline
Concen: 0.036 ng
RT: 14.396 min Scan# 1857
Delta R.T. 0.451 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion: 65 Resp: 58
Ion Ratio Lower Upper
65 100
92 0.0 51.0 76.6#
138 0.0 72.4 108.6#





#49

Acenaphthylene

Concen: 0.008 ng

RT: 14.808 min Scan# 1927

Delta R.T. 0.211 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

Instrument :

BNA_G

ClientSampleId :

SP-5

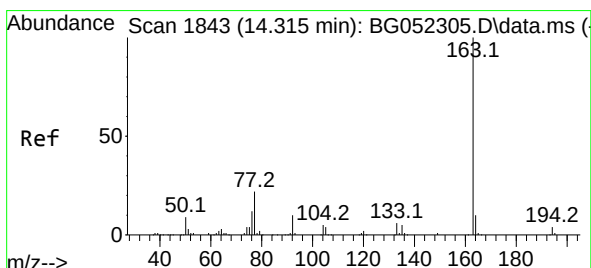
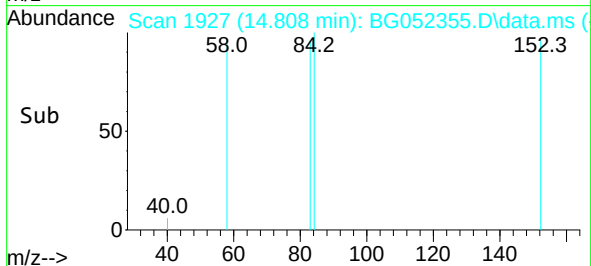
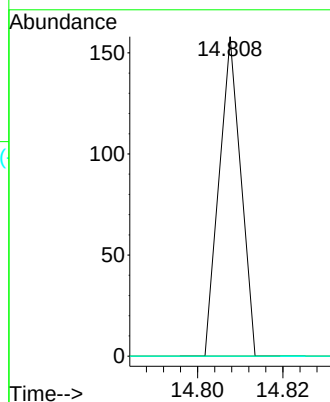
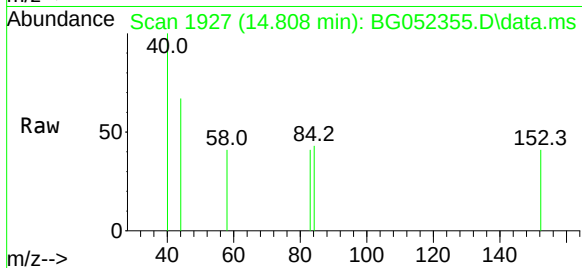
Tgt Ion:152 Resp: 56

Ion Ratio Lower Upper

152 100

151 0.0 16.1 24.1#

153 0.0 10.8 16.2#



#50

Dimethylphthalate

Concen: 0.014 ng

RT: 14.302 min Scan# 1841

Delta R.T. -0.013 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

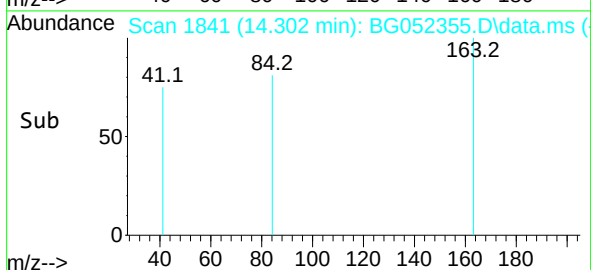
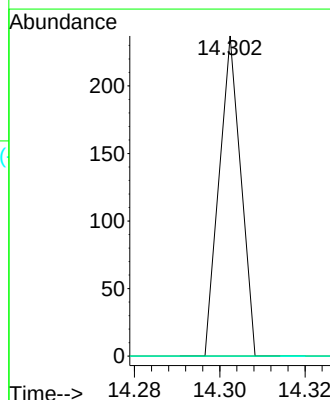
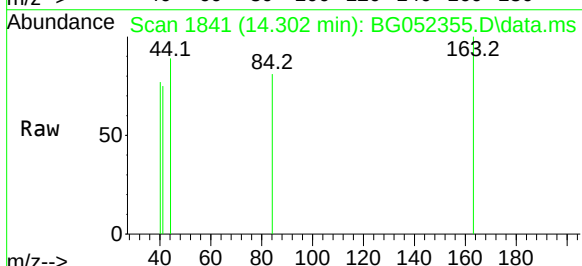
Tgt Ion:163 Resp: 84

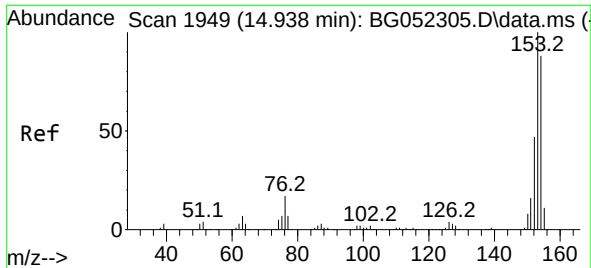
Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

164 0.0 8.4 12.6#

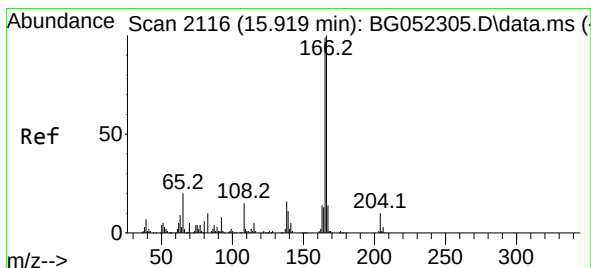
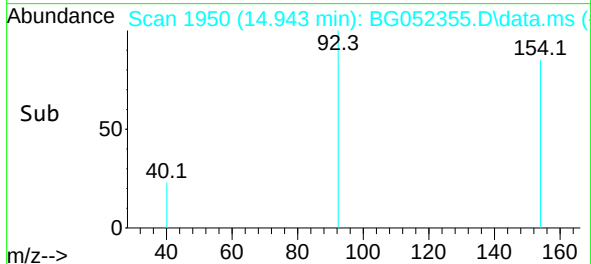
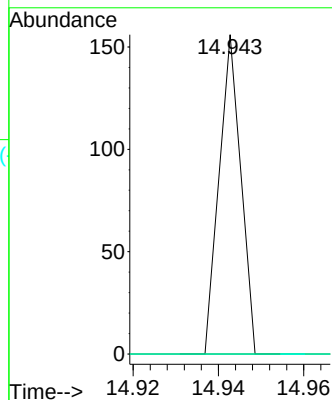
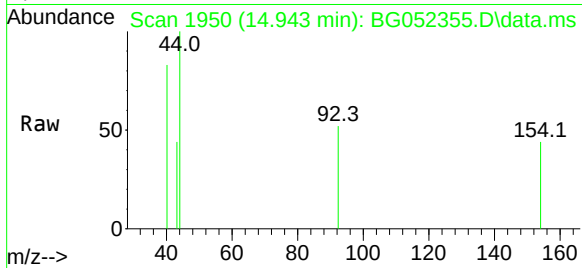




#52
Acenaphthene
Concen: 0.011 ng
RT: 14.943 min Scan# 1949
Delta R.T. 0.005 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

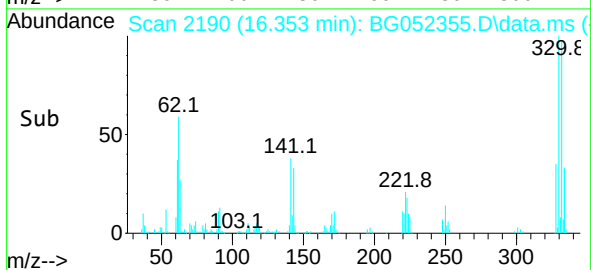
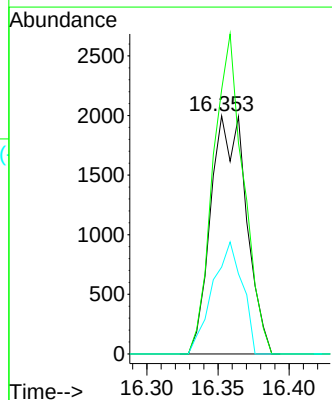
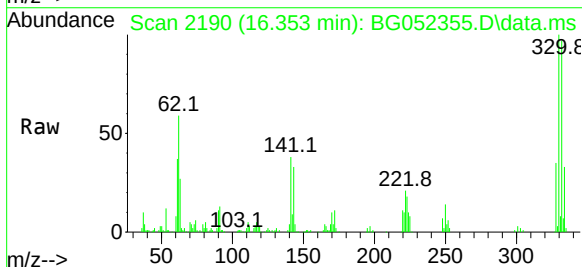
Instrument :
BNA_G
ClientSampleId :
SP-5

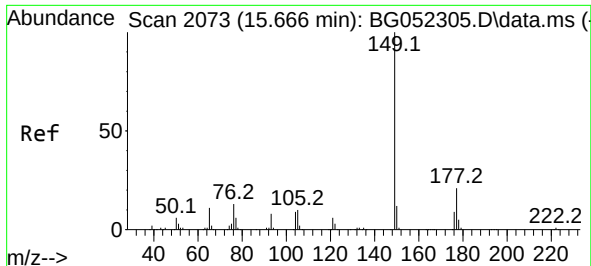
Tgt Ion:154 Resp: 55
Ion Ratio Lower Upper
154 100
153 0.0 91.9 137.9#
152 0.0 43.4 65.2#



#58
Fluorene
Concen: 0.569 ng
RT: 16.353 min Scan# 2190
Delta R.T. 0.434 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion:166 Resp: 3469
Ion Ratio Lower Upper
166 100
165 111.0 80.0 120.0
167 36.5 11.1 16.7#

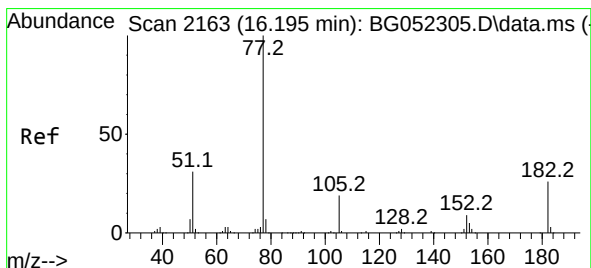
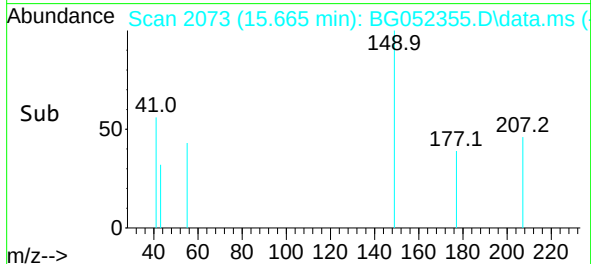
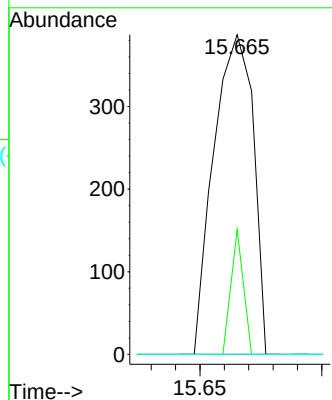
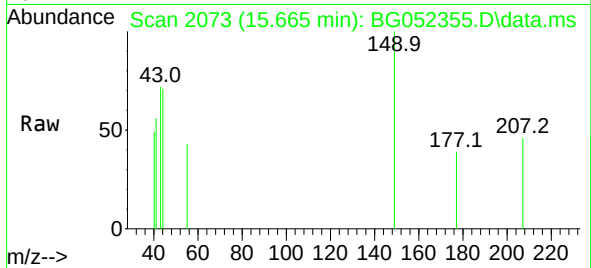




#60
Diethylphthalate
Concen: 0.070 ng
RT: 15.665 min Scan# 2073
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

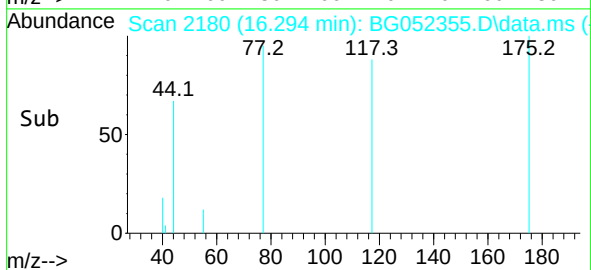
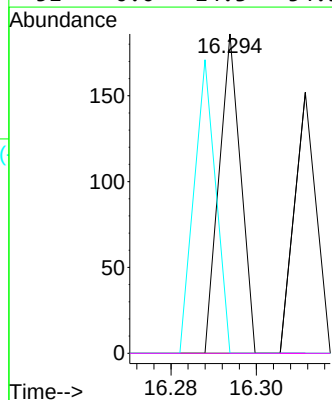
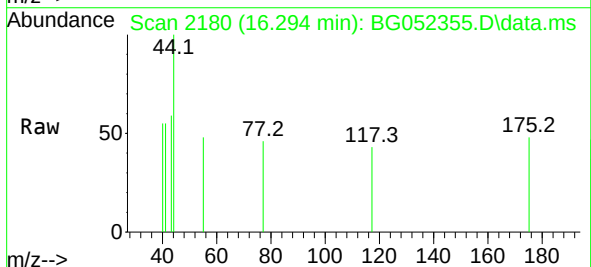
Instrument :
BNA_G
ClientSampleId :
SP-5

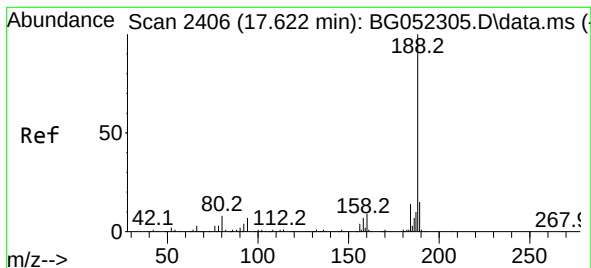
Tgt Ion:149 Resp: 436
Ion Ratio Lower Upper
149 100
177 39.0 17.8 26.6#
150 0.0 9.2 13.8#



#63
Azobenzene
Concen: 0.010 ng
RT: 16.294 min Scan# 2180
Delta R.T. 0.099 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion: 77 Resp: 66
Ion Ratio Lower Upper
77 100
182 0.0 4.1 44.1#
105 0.0 0.0 37.5
51 0.0 14.3 54.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.621 min Scan# 2406

Delta R.T. -0.001 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

Instrument :

BNA_G

ClientSampleId :

SP-5

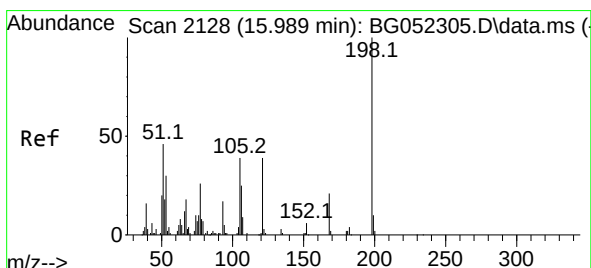
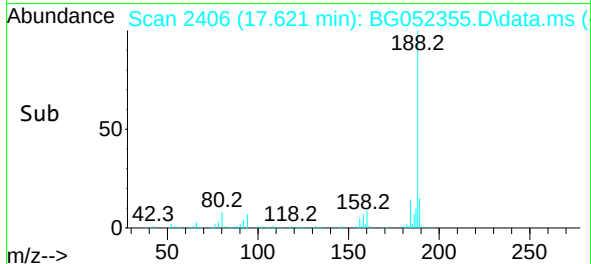
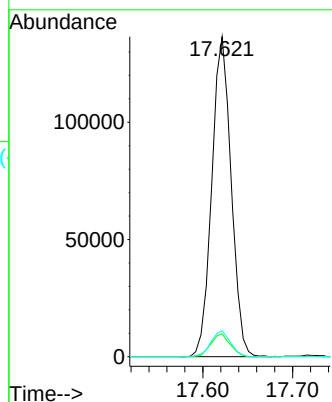
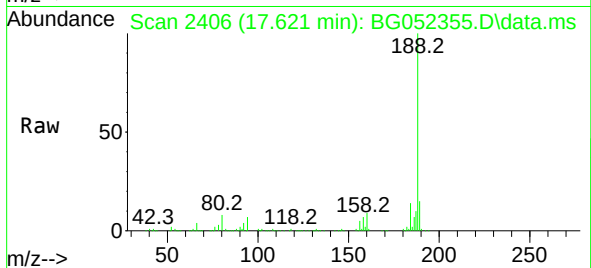
Tgt Ion:188 Resp: 204215

Ion Ratio Lower Upper

188 100

94 7.2 5.9 8.9

80 8.1 6.6 10.0



#65

4,6-Dinitro-2-methylphenol

Concen: 0.236 ng

RT: 16.358 min Scan# 2191

Delta R.T. 0.369 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

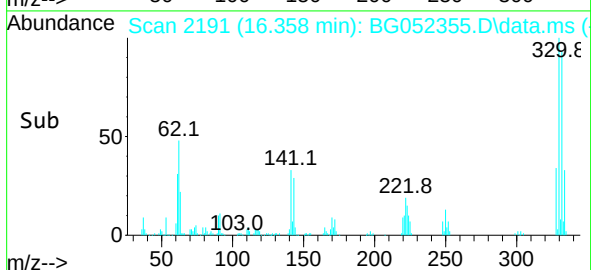
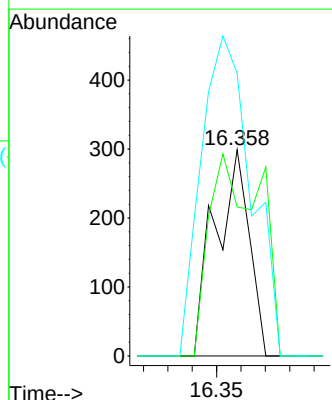
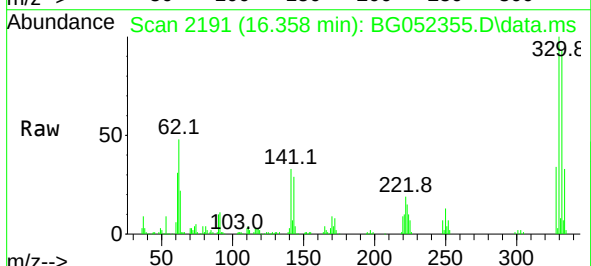
Tgt Ion:198 Resp: 290

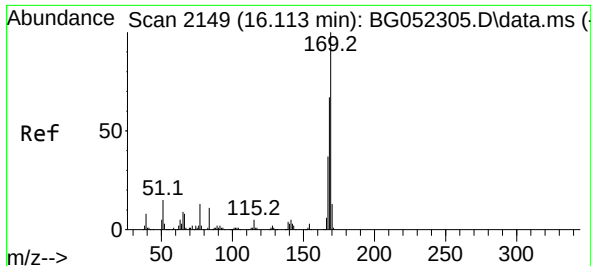
Ion Ratio Lower Upper

198 100

51 72.2 31.6 71.6#

105 137.1 22.3 62.3#

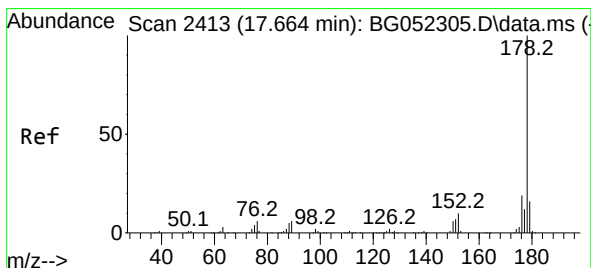
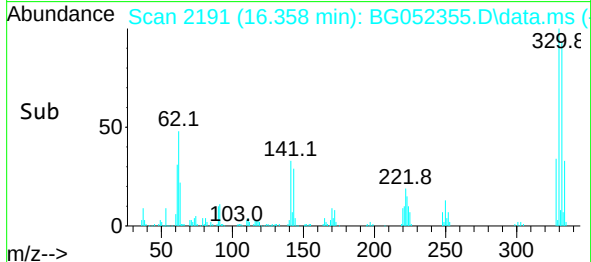
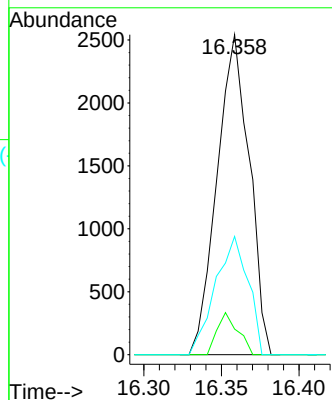
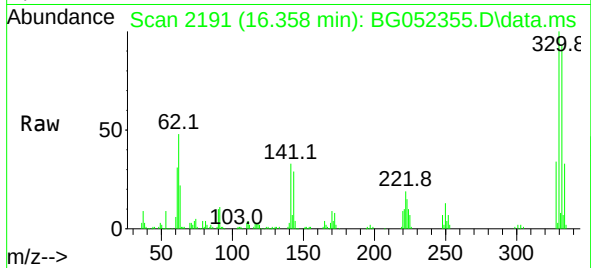




#66
n-Nitrosodiphenylamine
Concen: 0.653 ng
RT: 16.358 min Scan# 2149
Delta R.T. 0.246 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

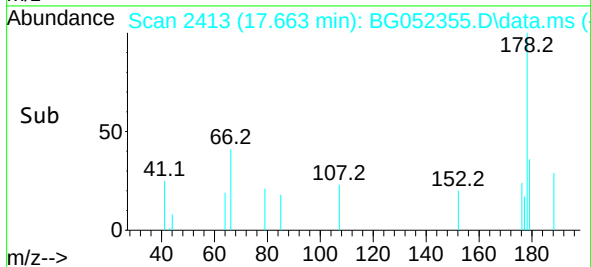
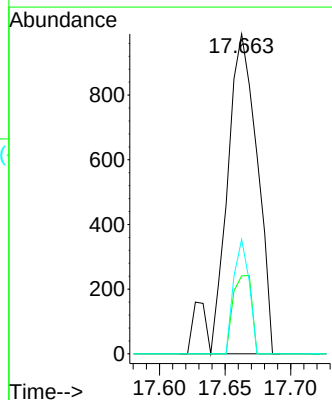
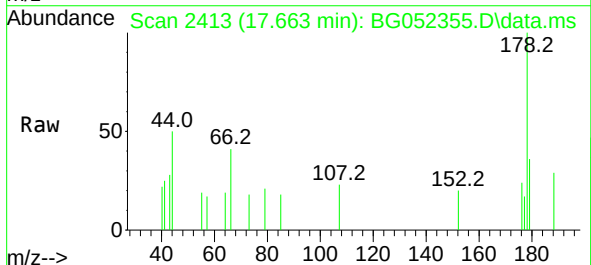
Instrument :
BNA_G
ClientSampleId :
SP-5

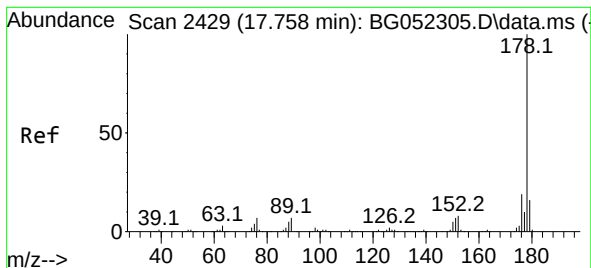
Tgt Ion:169 Resp: 3672
Ion Ratio Lower Upper
169 100
168 8.0 57.4 86.0#
167 36.9 29.5 44.3



#71
Phenanthrene
Concen: 0.156 ng
RT: 17.663 min Scan# 2413
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion:178 Resp: 1639
Ion Ratio Lower Upper
178 100
176 24.4 16.6 25.0
179 35.8 12.6 18.8#





#72

Anthracene

Concen: 0.159 ng

RT: 17.663 min Scan# 2413

Delta R.T. -0.095 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

Instrument :

BNA_G

ClientSampleId :

SP-5

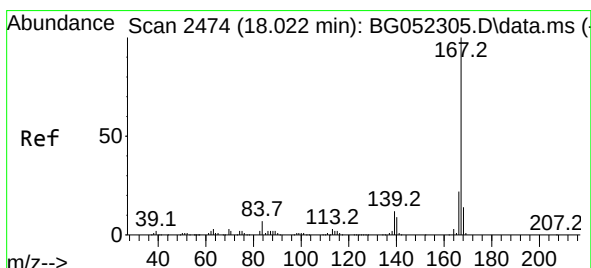
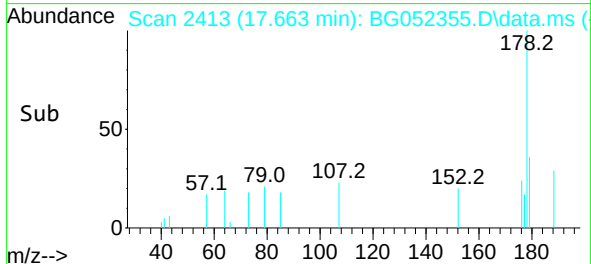
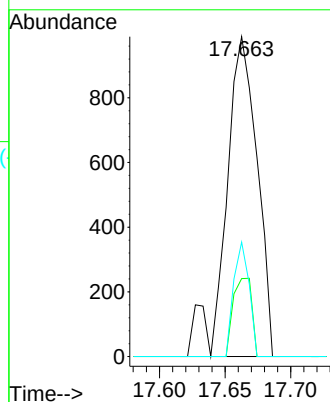
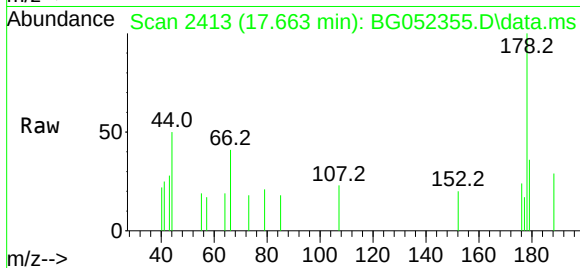
Tgt Ion:178 Resp: 1639

Ion Ratio Lower Upper

178 100

176 24.4 15.3 22.9#

179 35.8 13.1 19.7#



#73

Carbazole

Concen: 0.006 ng

RT: 18.133 min Scan# 2493

Delta R.T. 0.111 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

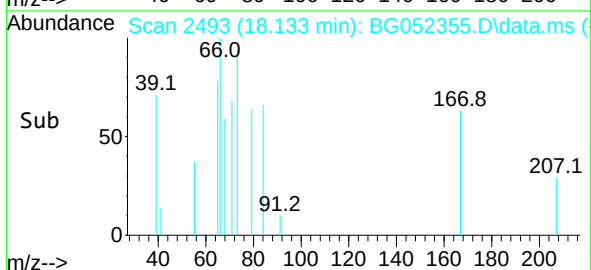
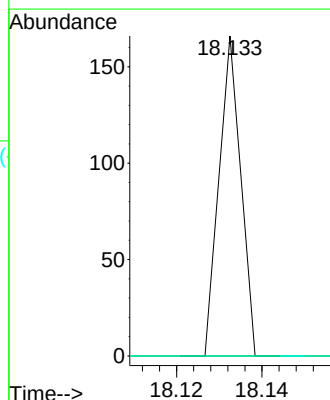
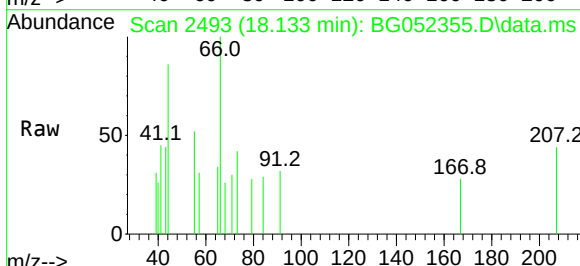
Tgt Ion:167 Resp: 58

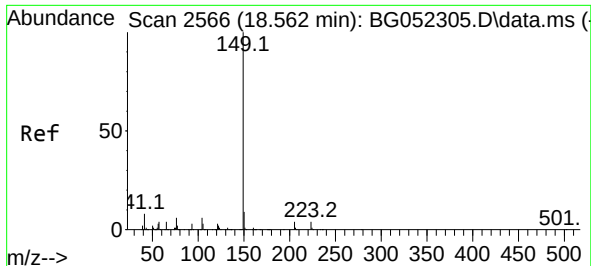
Ion Ratio Lower Upper

167 100

166 0.0 17.8 26.6#

139 0.0 10.6 16.0#

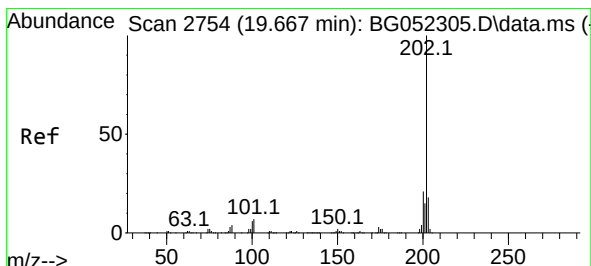
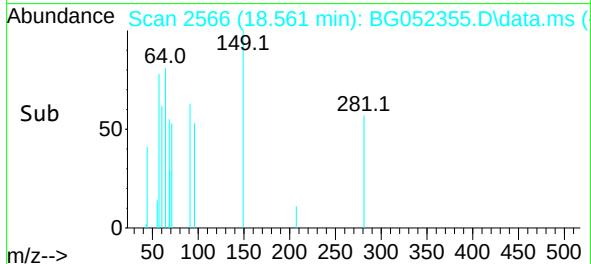
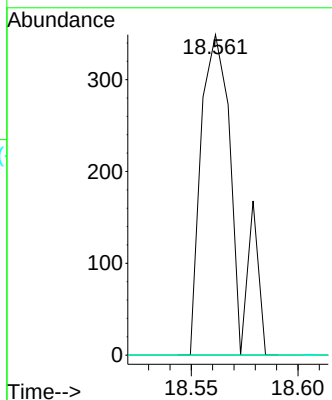
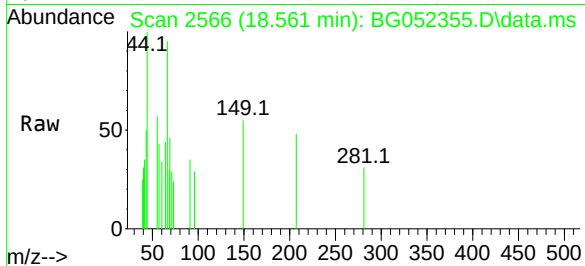




#74
Di-n-butylphthalate
Concen: 0.034 ng
RT: 18.561 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

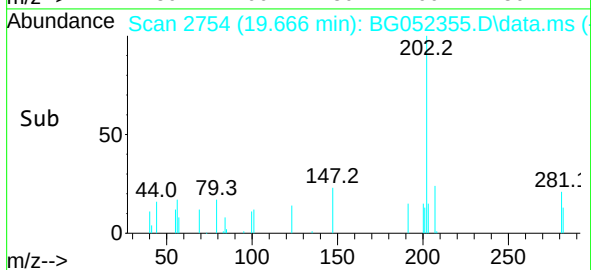
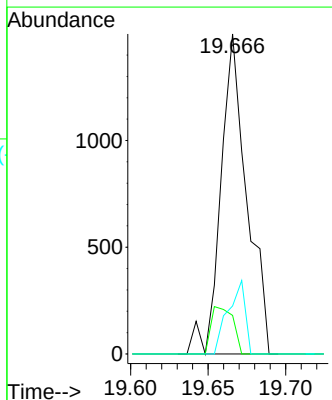
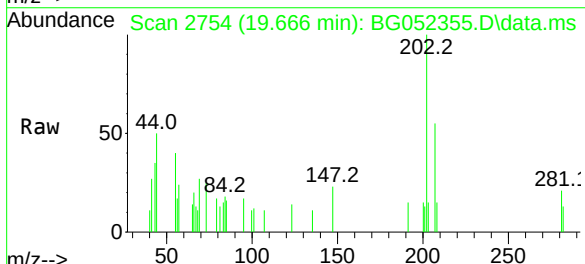
Instrument :
BNA_G
ClientSampleId :
SP-5

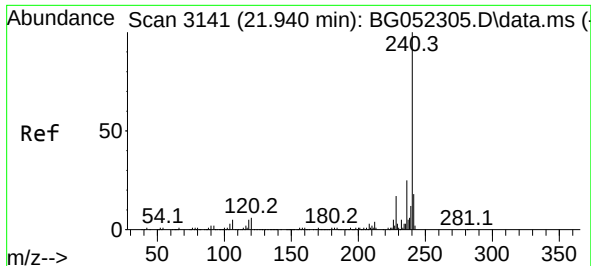
Tgt Ion:149 Resp: 378
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 5.4 8.2#



#75
Fluoranthene
Concen: 0.130 ng
RT: 19.666 min Scan# 2754
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion:202 Resp: 1745
Ion Ratio Lower Upper
202 100
101 12.1 0.0 27.1
203 15.0 0.0 37.8

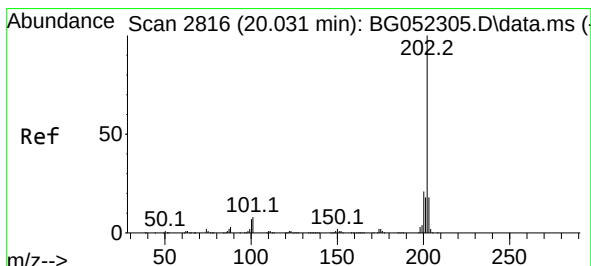
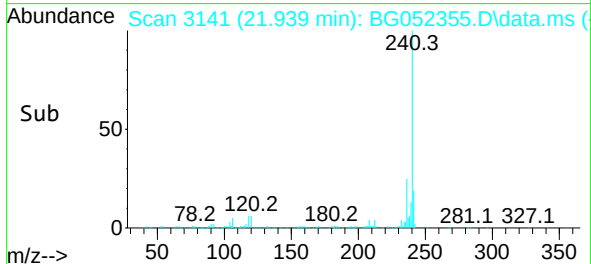
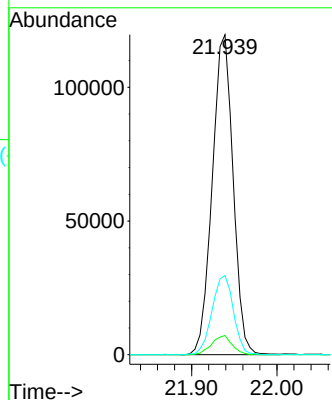
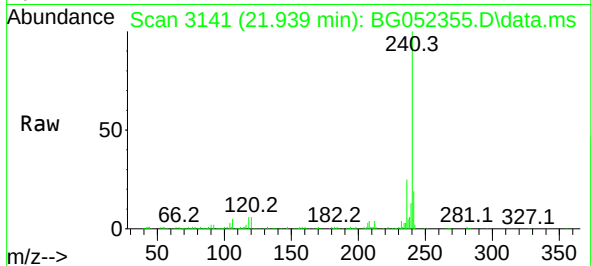




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

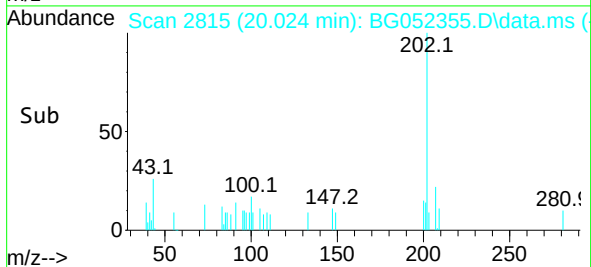
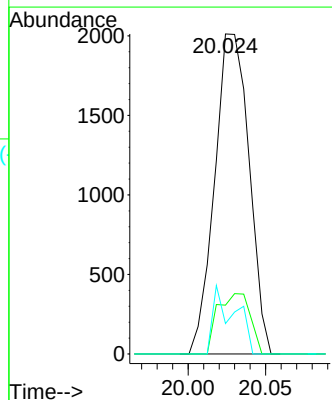
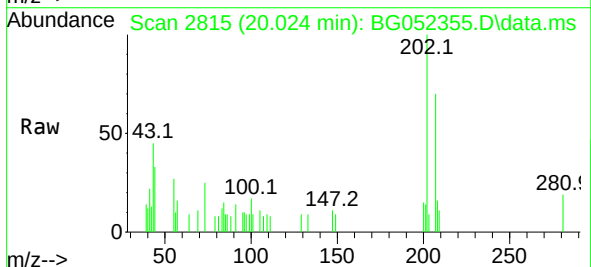
Instrument :
BNA_G
ClientSampleId :
SP-5

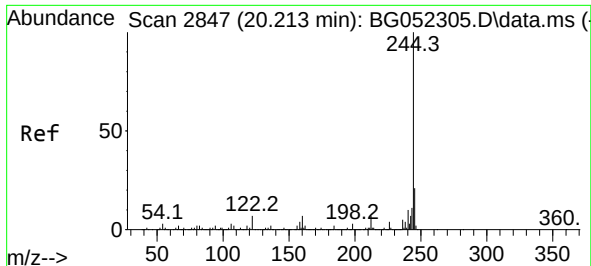
Tgt Ion:240 Resp: 202846
Ion Ratio Lower Upper
240 100
120 6.0 4.4 6.6
236 24.8 20.8 31.2



#78
Pyrene
Concen: 0.229 ng
RT: 20.024 min Scan# 2815
Delta R.T. -0.007 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion:202 Resp: 3106
Ion Ratio Lower Upper
202 100
200 15.3 17.4 26.2#
203 9.5 14.5 21.7#

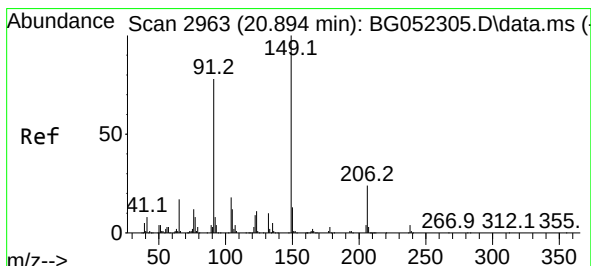
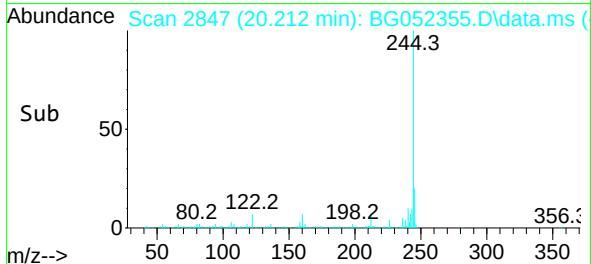
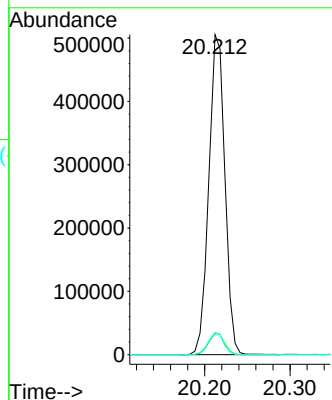
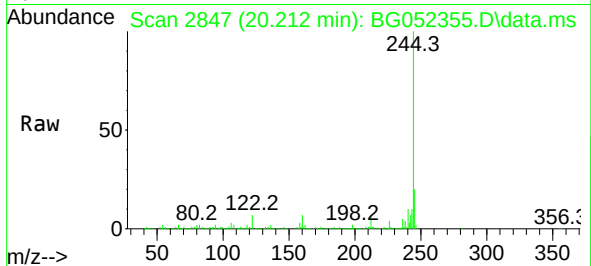




#79
 Terphenyl-d14
 Concen: 57.634 ng
 RT: 20.212 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG052355.D
 Acq: 10 Feb 2022 15:43

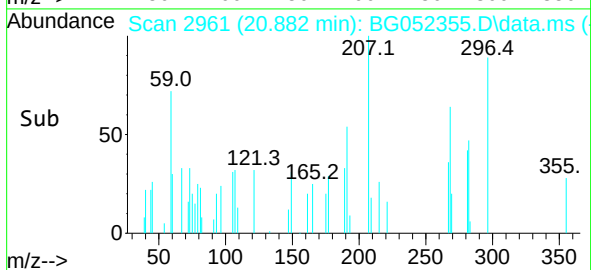
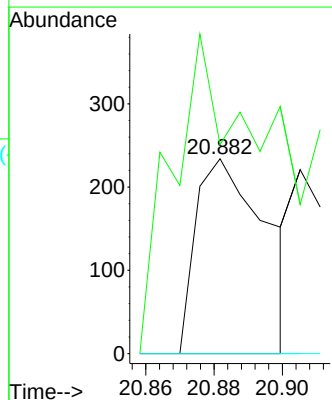
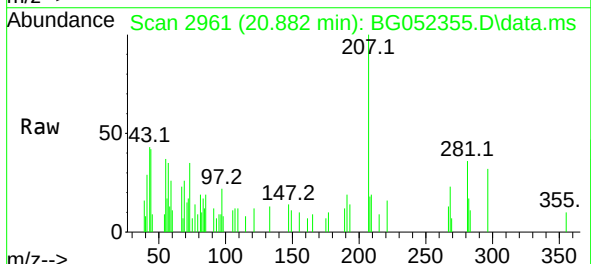
Instrument :
 BNA_G
 ClientSampleId :
 SP-5

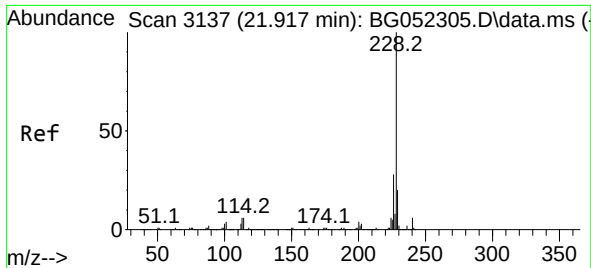
Tgt Ion:244 Resp: 662049
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 7.0 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 0.070 ng
 RT: 20.882 min Scan# 2961
 Delta R.T. -0.013 min
 Lab File: BG052355.D
 Acq: 10 Feb 2022 15:43

Tgt Ion:149 Resp: 331
 Ion Ratio Lower Upper
 149 100
 91 107.3 64.0 96.0#
 206 0.0 19.3 28.9#

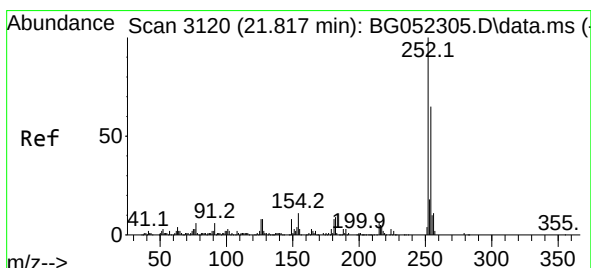
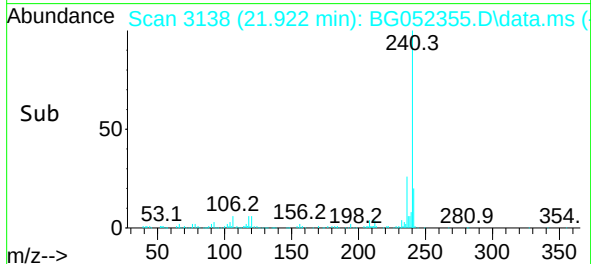
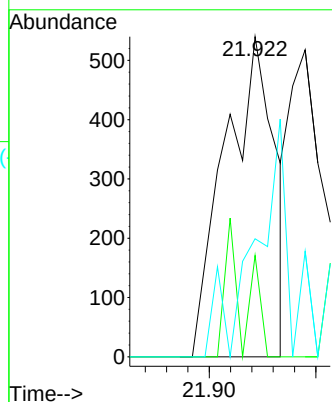
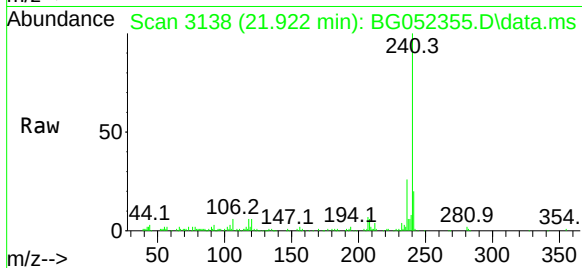




#81
Benzo(a)anthracene
Concen: 0.065 ng
RT: 21.922 min Scan# 3137
Delta R.T. 0.005 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

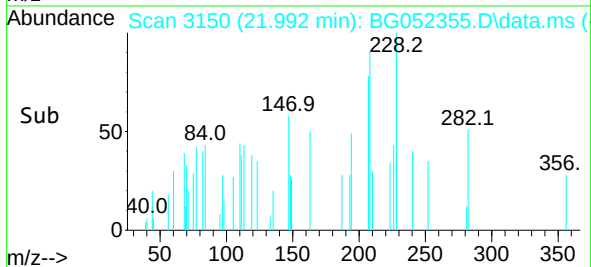
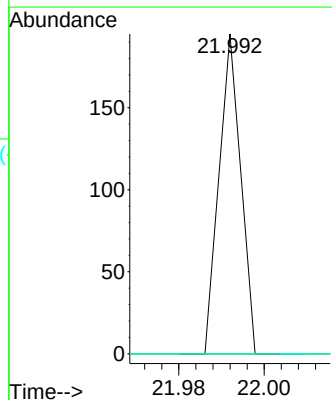
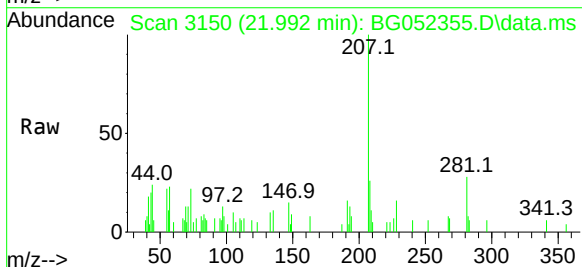
Instrument :
BNA_G
ClientSampleId :
SP-5

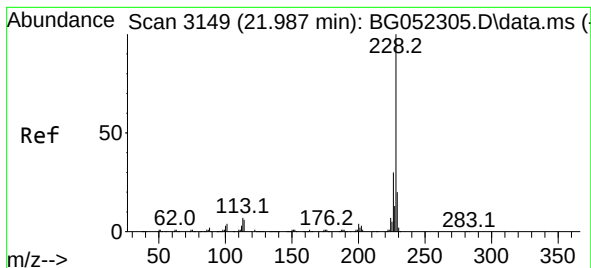
Tgt Ion:228 Resp: 875
Ion Ratio Lower Upper
228 100
226 31.7 21.6 32.4
229 36.9 16.0 24.0#



#82
3,3'-Dichlorobenzidine
Concen: 0.015 ng
RT: 21.992 min Scan# 3150
Delta R.T. 0.175 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion:252 Resp: 69
Ion Ratio Lower Upper
252 100
254 0.0 52.6 79.0#
126 0.0 6.4 9.6#





#83

Chrysene

Concen: 0.102 ng

RT: 21.980 min Scan# 3149

Delta R.T. -0.007 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

Instrument :

BNA_G

ClientSampleId :

SP-5

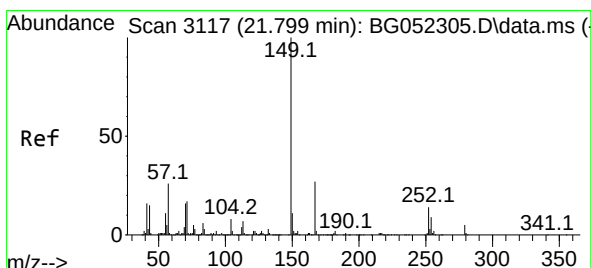
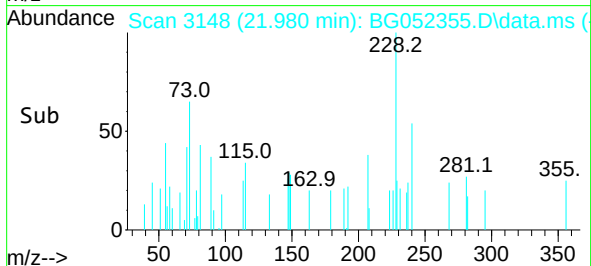
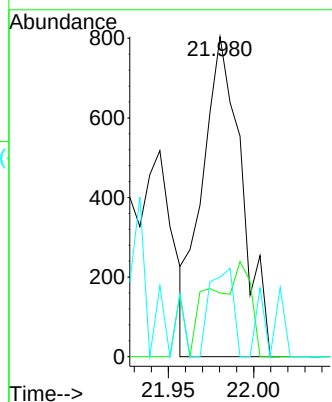
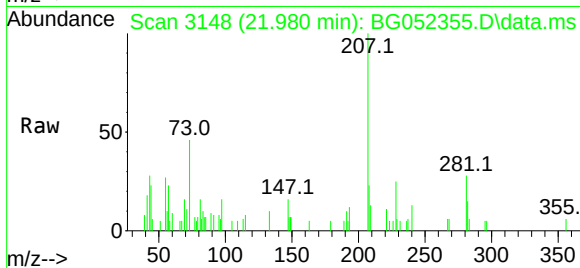
Tgt Ion:228 Resp: 1293

Ion Ratio Lower Upper

228 100

226 19.9 24.1 36.1#

229 24.9 16.4 24.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.250 ng

RT: 21.792 min Scan# 3116

Delta R.T. -0.007 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

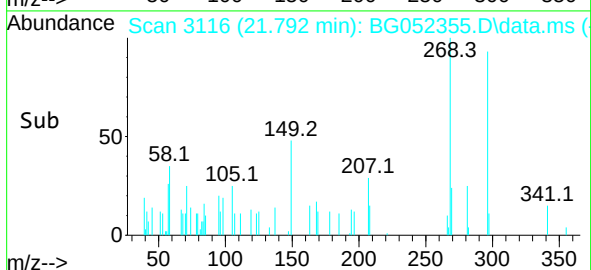
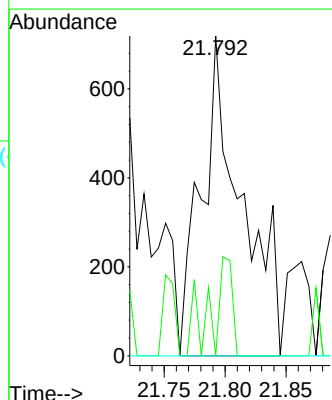
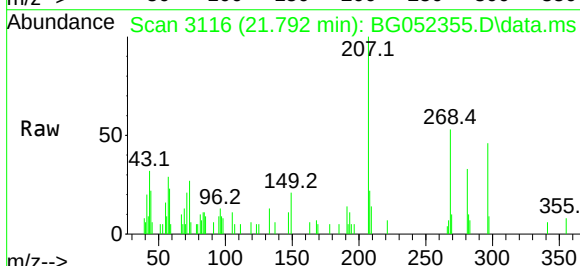
Tgt Ion:149 Resp: 1632

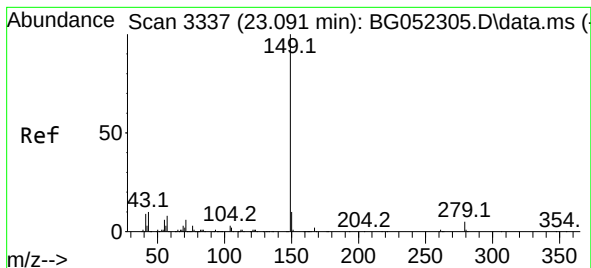
Ion Ratio Lower Upper

149 100

167 0.0 21.4 32.0#

279 0.0 4.2 6.2#





#85

Di-n-octyl phthalate

Concen: 0.023 ng

RT: 23.096 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

Instrument :

BNA_G

ClientSampleId :

SP-5

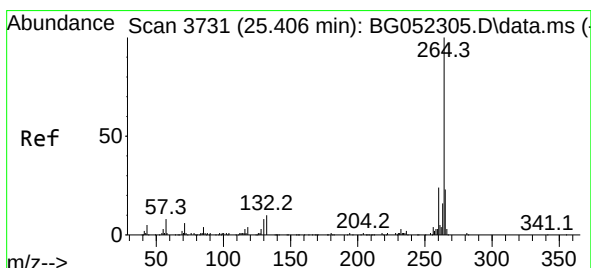
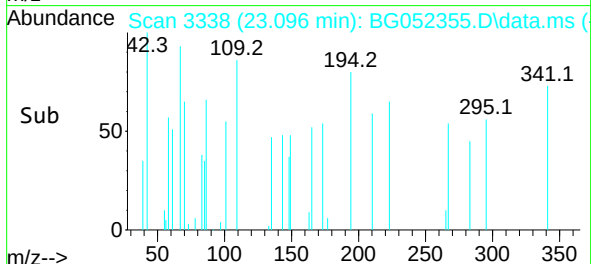
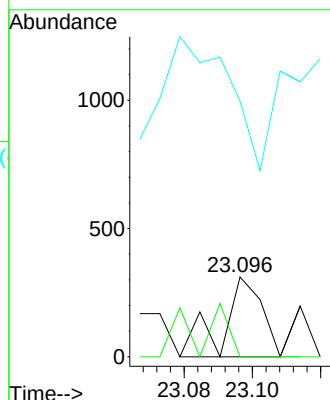
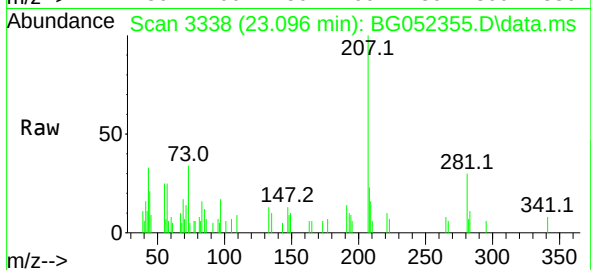
Tgt Ion:149 Resp: 250

Ion Ratio Lower Upper

149 100

167 56.4 1.4 2.0#

43 290.0 10.0 15.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.411 min Scan# 3732

Delta R.T. 0.005 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

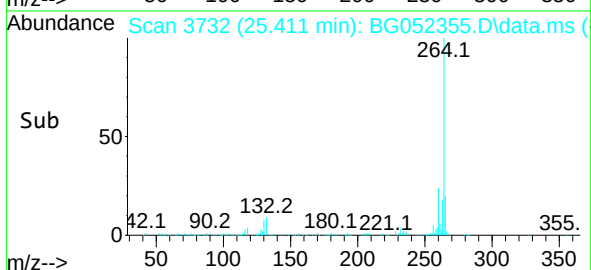
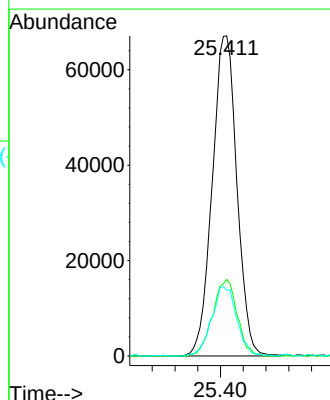
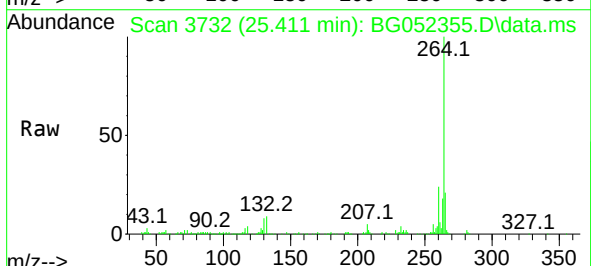
Tgt Ion:264 Resp: 201675

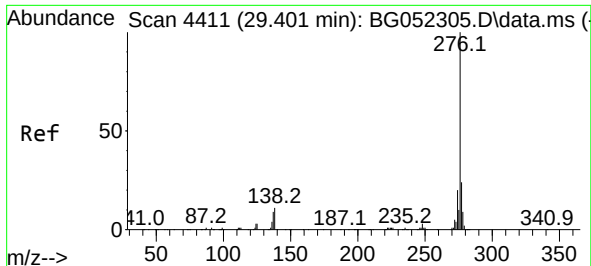
Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 20.6 17.8 26.6

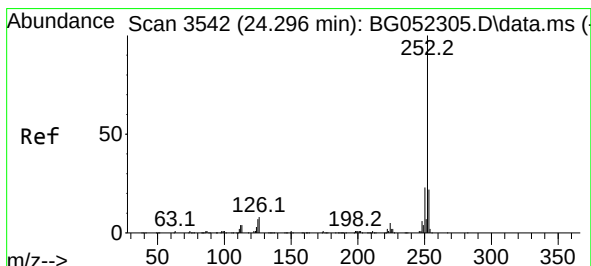
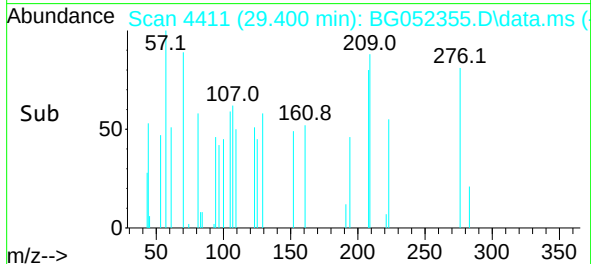
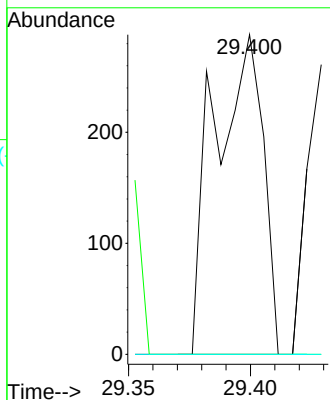
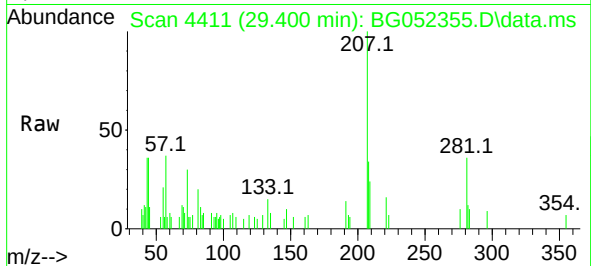




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 0.027 ng
 RT: 29.400 min Scan# 4411
 Delta R.T. -0.001 min
 Lab File: BG052355.D
 Acq: 10 Feb 2022 15:43

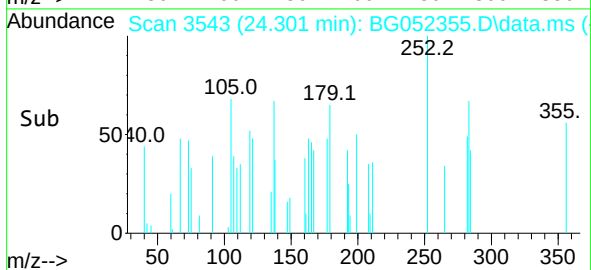
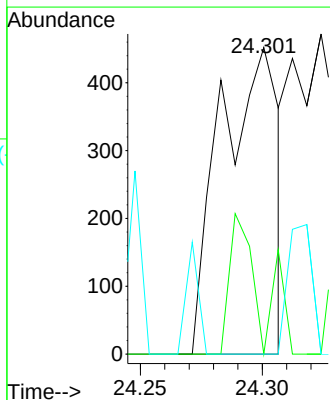
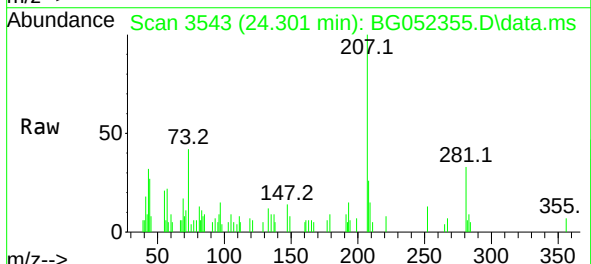
Instrument :
 BNA_G
 ClientSampleId :
 SP-5

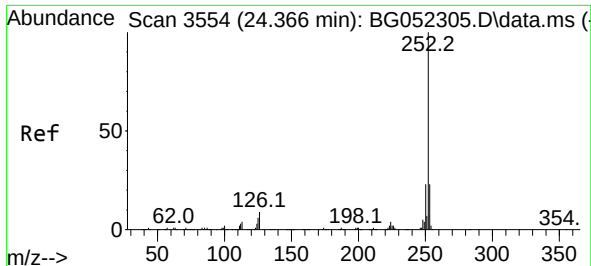
Tgt Ion:276 Resp: 398
 Ion Ratio Lower Upper
 276 100
 138 0.0 6.1 9.1#
 277 0.0 20.2 30.4#



#88
 Benzo(b)fluoranthene
 Concen: 0.059 ng
 RT: 24.301 min Scan# 3543
 Delta R.T. 0.005 min
 Lab File: BG052355.D
 Acq: 10 Feb 2022 15:43

Tgt Ion:252 Resp: 744
 Ion Ratio Lower Upper
 252 100
 253 0.0 18.3 27.5#
 125 0.0 5.4 8.2#





#89

Benzo(k)fluoranthene

Concen: 0.041 ng

RT: 24.365 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

Instrument :

BNA_G

ClientSampleId :

SP-5

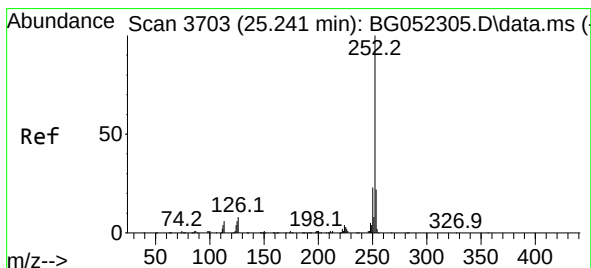
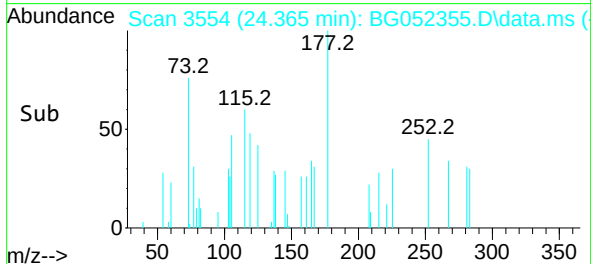
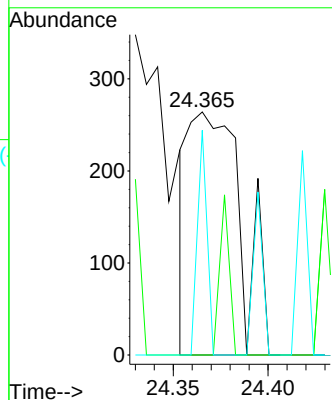
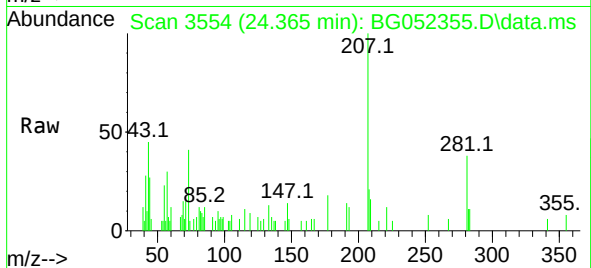
Tgt Ion:252 Resp: 508

Ion Ratio Lower Upper

252 100

253 0.0 17.3 25.9#

125 92.4 4.6 7.0#



#90

Benzo(a)pyrene

Concen: 0.050 ng

RT: 25.235 min Scan# 3702

Delta R.T. -0.007 min

Lab File: BG052355.D

Acq: 10 Feb 2022 15:43

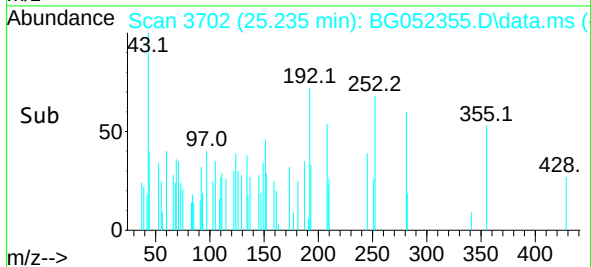
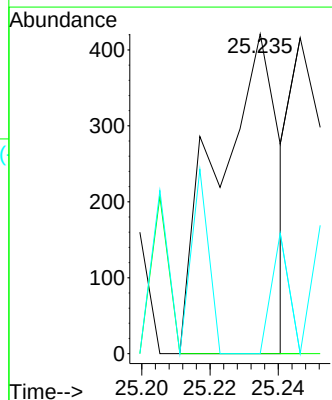
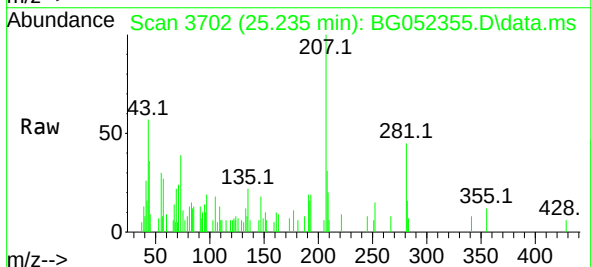
Tgt Ion:252 Resp: 528

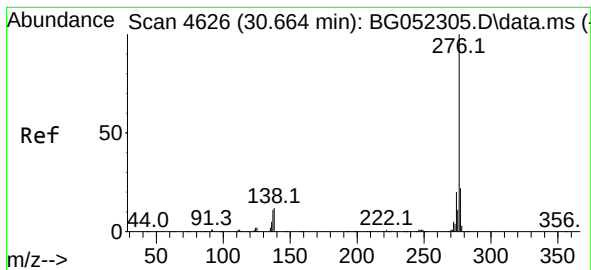
Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

125 0.0 5.0 7.6#





#92

Benzo(g,h,i)perylene

Concen: 0.040 ng

RT: 30.686 min Scan# 4

Delta R.T. 0.023 min

Lab File: BG052355.D

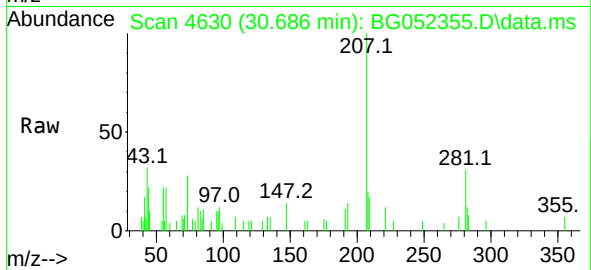
Acq: 10 Feb 2022 15:43

Instrument :

BNA_G

ClientSampleId :

SP-5



Tgt Ion:276 Resp: 479

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.2#

138 0.0 9.1 13.7#

