

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052356.D
 Acq On : 10 Feb 2022 16:22
 Operator : CG/JU
 Sample : N1432-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-6

Quant Time: Feb 10 17:50:31 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	27287	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	110330	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	77402	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	200037	20.000	ng	0.00
76) Chrysene-d12	21.939	240	206455	20.000	ng	0.00
86) Perylene-d12	25.411	264	210666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	157951	100.886	ng	0.00
7) Phenol-d6	7.371	99	220100	91.112	ng	0.00
23) Nitrobenzene-d5	9.397	82	154909	61.022	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	117044	105.255	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	333674	59.902	ng	0.00
79) Terphenyl-d14	20.212	244	634337	54.257	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.617	88	54	0.075	ng	# 1
4) n-Nitrosodimethylamine	3.870	42	66	0.061	ng	# 1
10) Phenol	7.400	94	2735	1.139	ng	80
15) Benzyl Alcohol	8.223	79	920	0.459	ng	# 31
16) 2,2'-oxybis(1-Chloropr...	8.751	45	55	0.021	ng	68
22) Acetophenone	9.057	105	296	0.102	ng	# 48
24) Nitrobenzene	9.403	77	574	0.238	ng	# 48
25) Isophorone	9.562	82	66	0.015	ng	# 68
30) 1,2,4-Trichlorobenzene	10.895	180	61	0.029	ng	# 12
31) Naphthalene	11.119	128	185	0.032	ng	# 66
46) 1,1'-Biphenyl	13.498	154	547	0.096	ng	# 1
48) 2-Nitroaniline	13.756	65	191	0.123	ng	# 10
50) Dimethylphthalate	14.303	163	76	0.013	ng	# 76
52) Acenaphthene	14.872	154	64	0.014	ng	# 4
58) Fluorene	16.359	166	3307	0.565	ng	# 91
60) Diethylphthalate	15.665	149	545	0.091	ng	# 59
63) Azobenzene	16.223	77	62	0.010	ng	# 48
65) 4,6-Dinitro-2-methylph...	16.359	198	239	0.199	ng	# 1
66) n-Nitrosodiphenylamine	16.359	169	3429	0.622	ng	# 41
71) Phenanthrene	17.663	178	2335	0.226	ng	# 95
72) Anthracene	17.663	178	2335	0.231	ng	96
74) Di-n-butylphthalate	18.556	149	559	0.052	ng	# 77
75) Fluoranthene	19.666	202	1868	0.142	ng	76
78) Pyrene	20.024	202	3268	0.237	ng	96
80) Butylbenzylphthalate	20.894	149	64	0.013	ng	# 71
81) Benzo(a)anthracene	21.910	228	1774	0.130	ng	# 52
82) 3,3'-Dichlorobenzidine	21.581	252	78	0.016	ng	# 24
83) Chrysene	21.986	228	1421	0.110	ng	# 65
84) Bis(2-ethylhexyl)phtha...	21.798	149	1432	0.215	ng	# 91
85) Di-n-octyl phthalate	23.102	149	427	0.038	ng	# 1
87) Indeno(1,2,3-cd)pyrene	29.417	276	256	0.017	ng	# 52
88) Benzo(b)fluoranthene	24.301	252	721	0.055	ng	# 31
89) Benzo(k)fluoranthene	24.389	252	117	0.009	ng	# 60
90) Benzo(a)pyrene	25.247	252	881	0.079	ng	# 60
91) Dibenzo(a,h)anthracene	29.887	278	66	0.005	ng	# 57
92) Benzo(g,h,i)perylene	30.680	276	192	0.015	ng	# 59

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

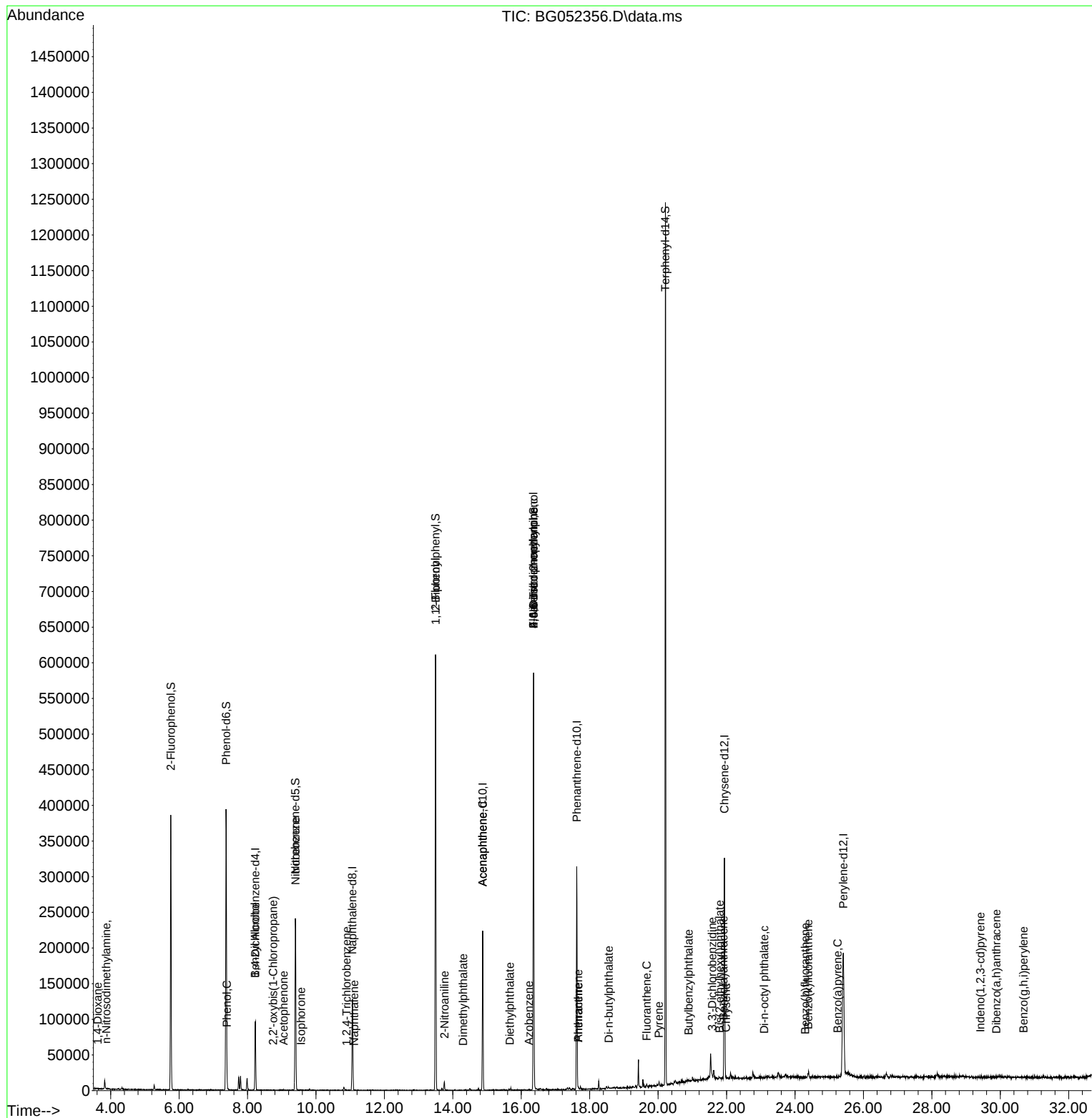
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

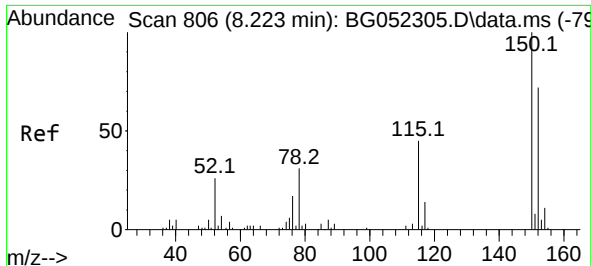
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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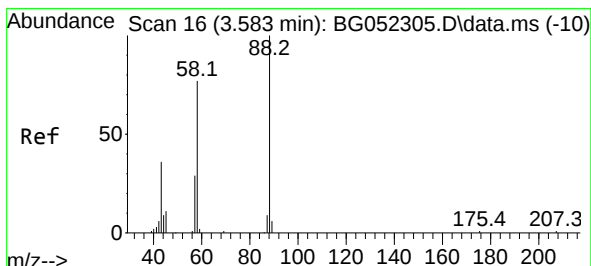
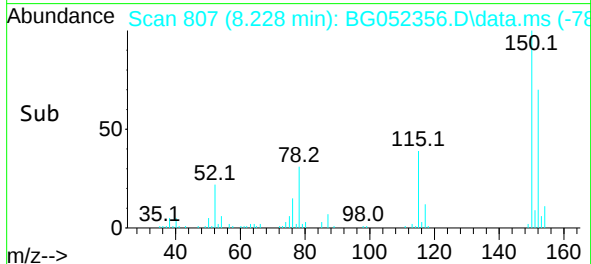
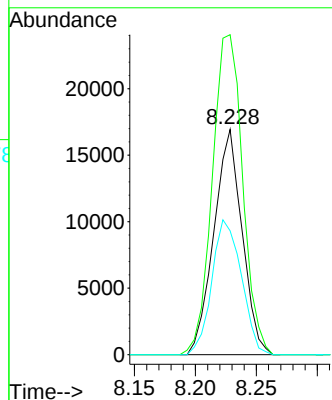
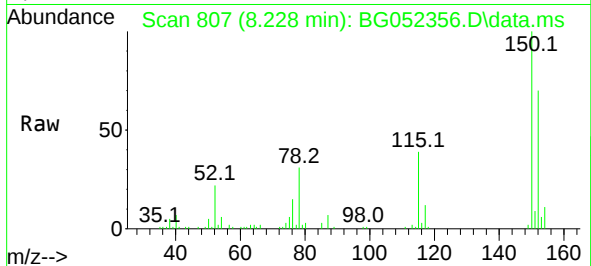




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

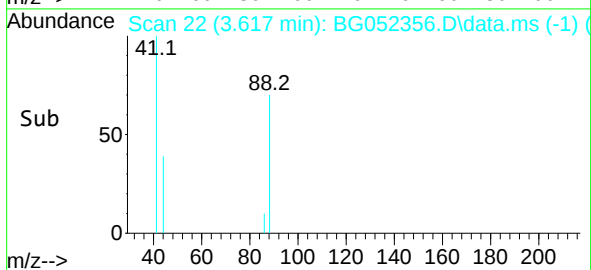
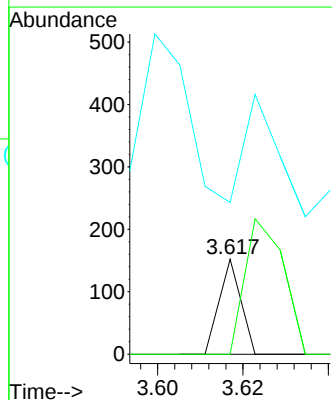
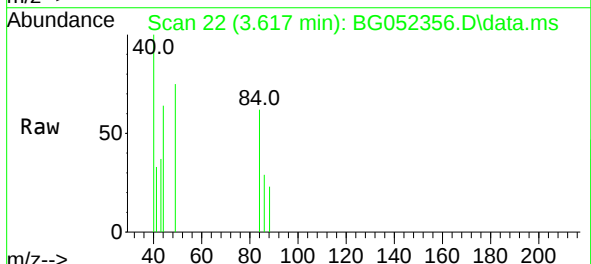
Instrument :
BNA_G
ClientSampleId :
SP-6

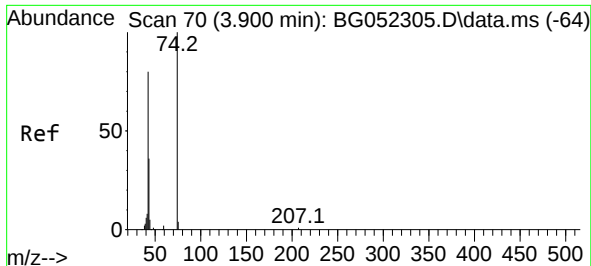
Tgt Ion:152 Resp: 27287
Ion Ratio Lower Upper
152 100
150 142.0 117.8 176.8
115 55.0 50.2 75.2



#2
1,4-Dioxane
Concen: 0.075 ng
RT: 3.617 min Scan# 22
Delta R.T. 0.034 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
58 250.0 65.8 98.8#
43 190.7 31.6 47.4#

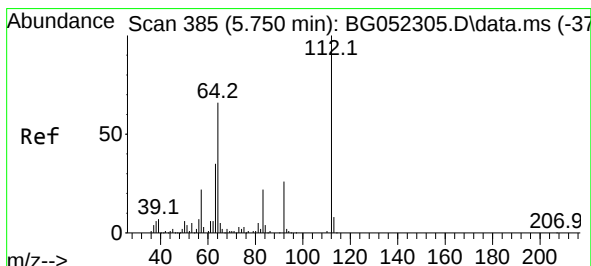
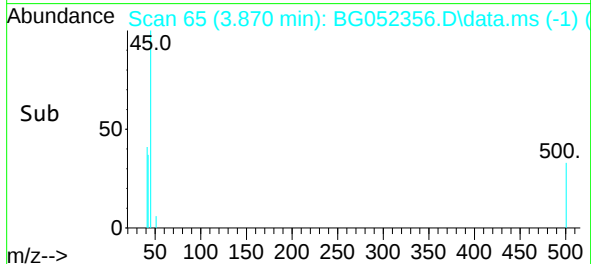
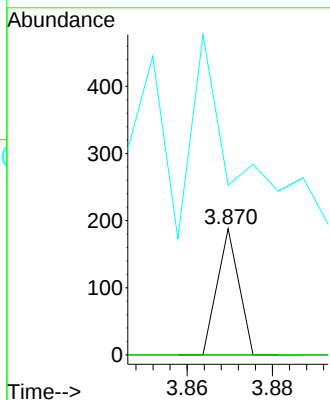
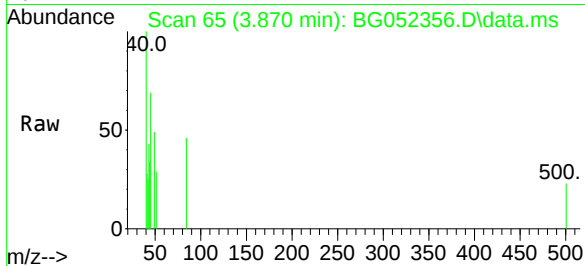




#4
n-Nitrosodimethylamine
Concen: 0.061 ng
RT: 3.870 min Scan# 61
Delta R.T. -0.030 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

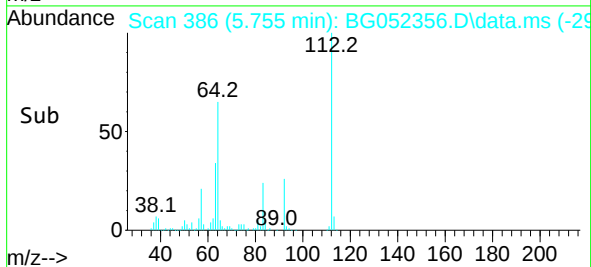
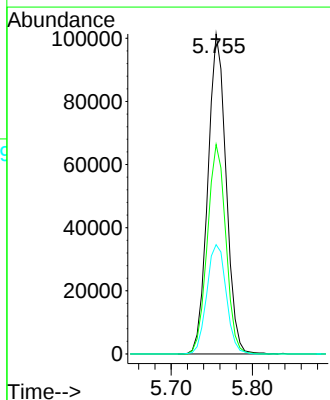
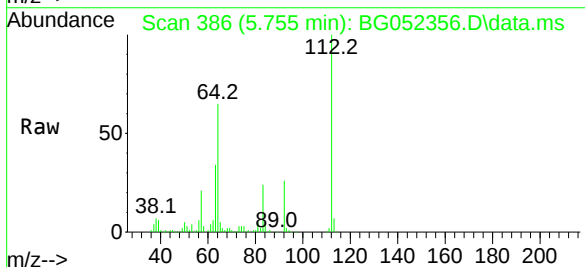
Instrument :
BNA_G
ClientSampleId :
SP-6

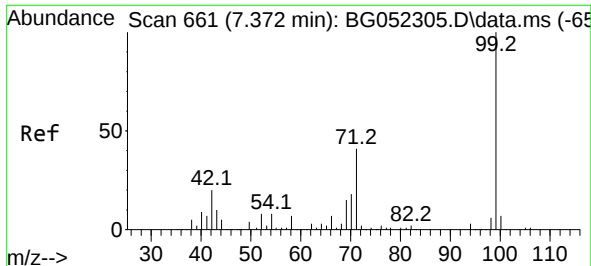
Tgt Ion: 42 Resp: 66
Ion Ratio Lower Upper
42 100
74 0.0 83.0 124.4#
44 134.6 5.0 7.6#



#5
2-Fluorophenol
Concen: 100.886 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 112 Resp: 157951
Ion Ratio Lower Upper
112 100
64 65.5 60.4 90.6
63 34.1 33.3 49.9

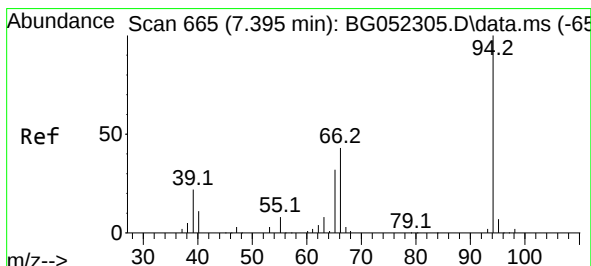
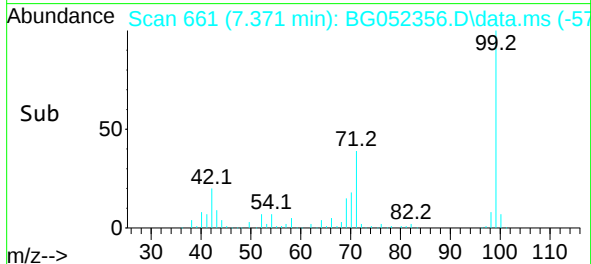
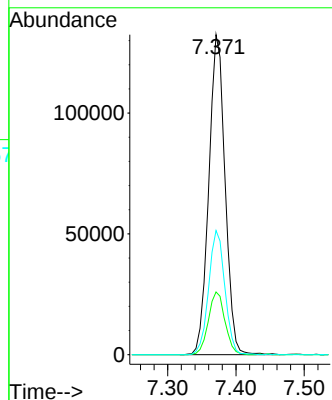
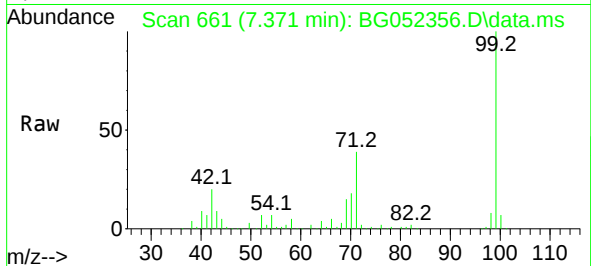




#7
Phenol-d6
Concen: 91.112 ng
RT: 7.371 min Scan# 661
Delta R.T. -0.001 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

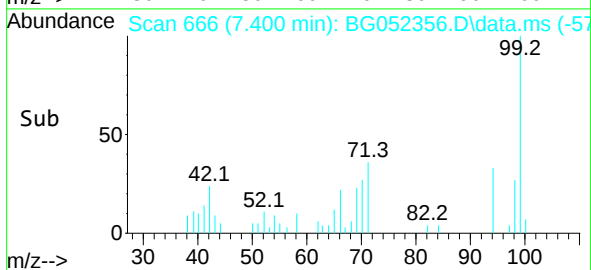
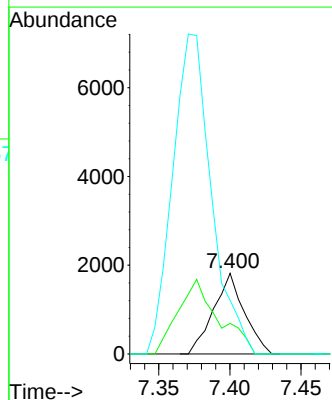
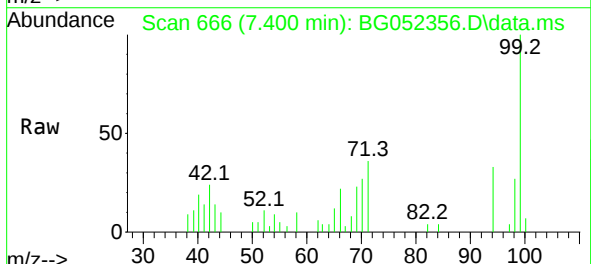
Instrument :
BNA_G
ClientSampleId :
SP-6

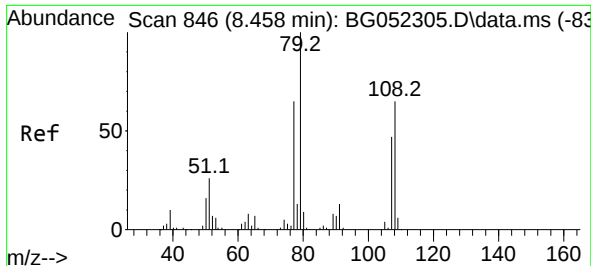
Tgt Ion: 99 Resp: 220100
Ion Ratio Lower Upper
99 100
42 19.6 19.1 28.7
71 38.8 33.4 50.2



#10
Phenol
Concen: 1.139 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.005 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 94 Resp: 2735
Ion Ratio Lower Upper
94 100
65 37.9 14.1 54.1
66 66.5 26.6 66.6

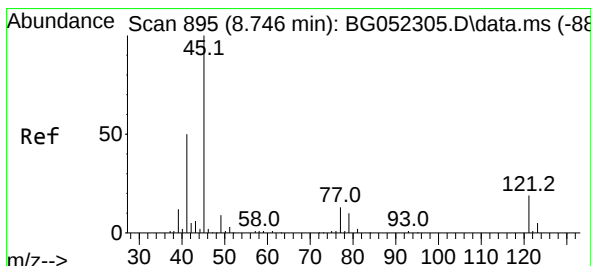
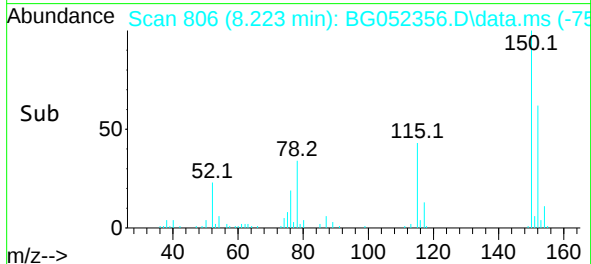
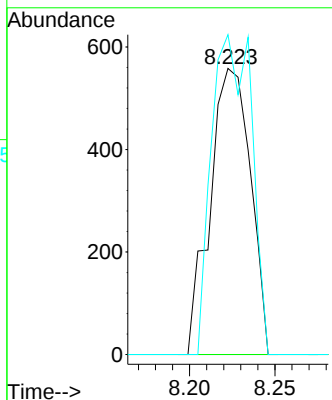
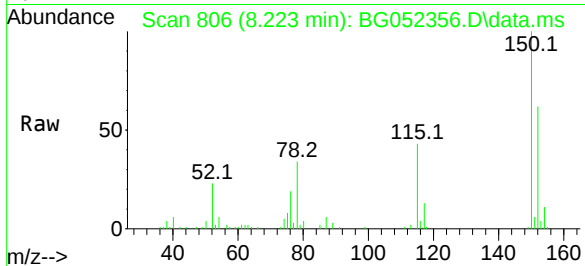




#15
Benzyl Alcohol
Concen: 0.459 ng
RT: 8.223 min Scan# 806
Delta R.T. -0.236 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

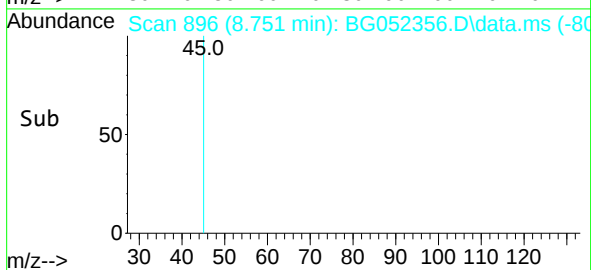
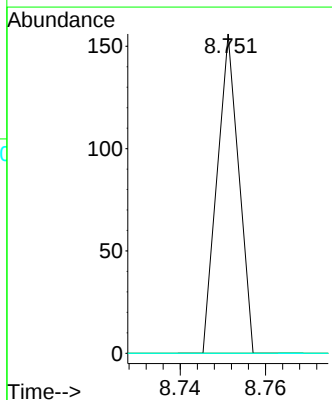
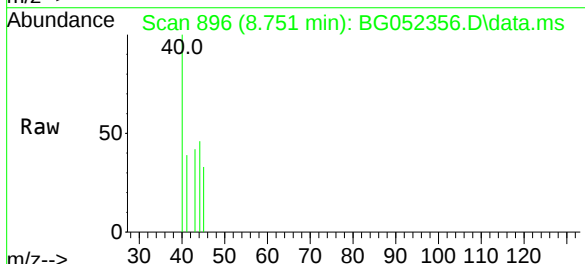
Instrument :
BNA_G
ClientSampleId :
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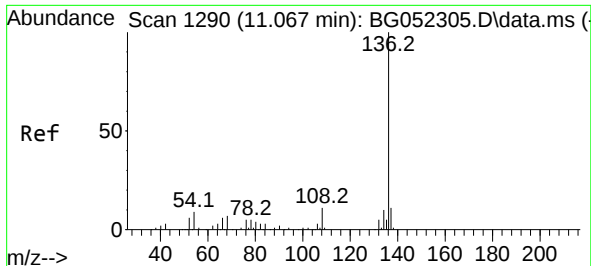
Tgt Ion: 79 Resp: 920
Ion Ratio Lower Upper
79 100
108 0.0 53.8 80.6#
77 111.8 54.4 81.6#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.021 ng
RT: 8.751 min Scan# 896
Delta R.T. 0.005 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 45 Resp: 55
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.8
79 0.0 0.0 31.1

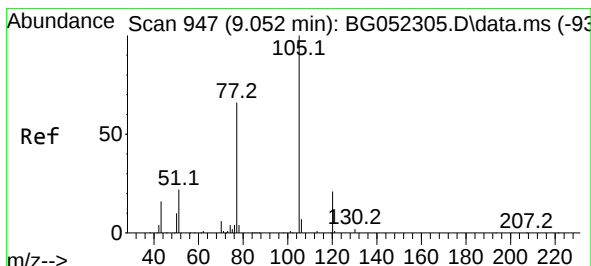
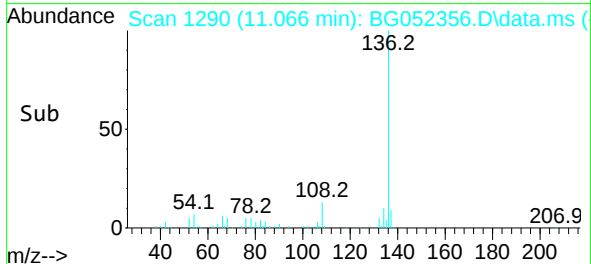
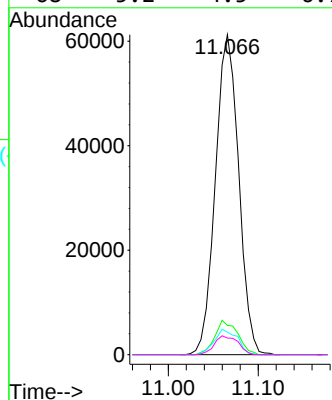
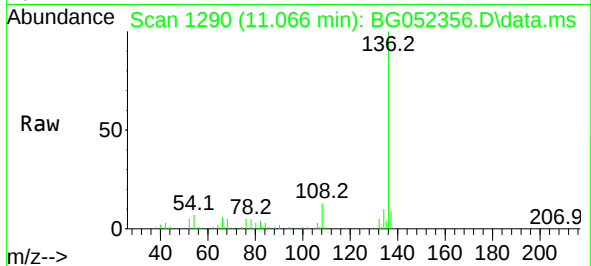




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

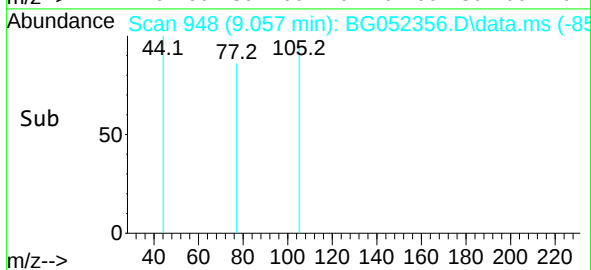
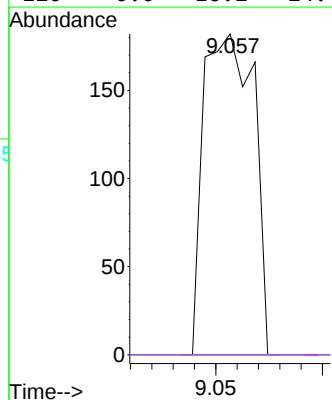
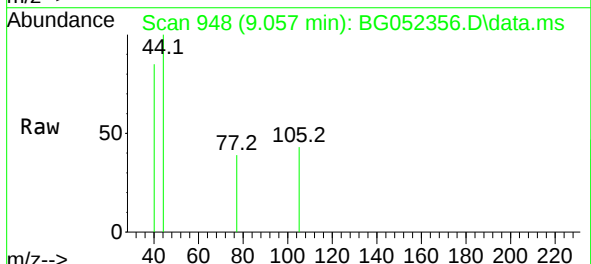
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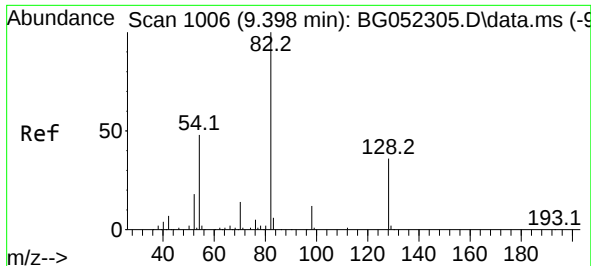
Tgt Ion:136 Resp: 110330
Ion Ratio Lower Upper
136 100
137 9.2 9.1 13.7
54 7.0 8.3 12.5#
68 5.2 4.5 6.7



#22
Acetophenone
Concen: 0.102 ng
RT: 9.057 min Scan# 948
Delta R.T. 0.005 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion:105 Resp: 296
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#

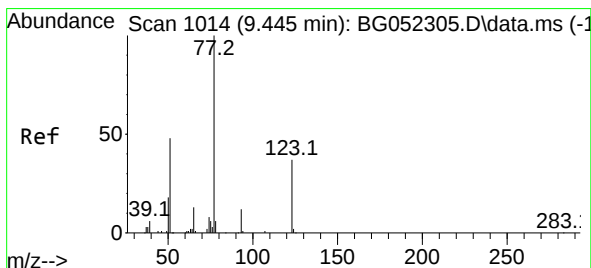
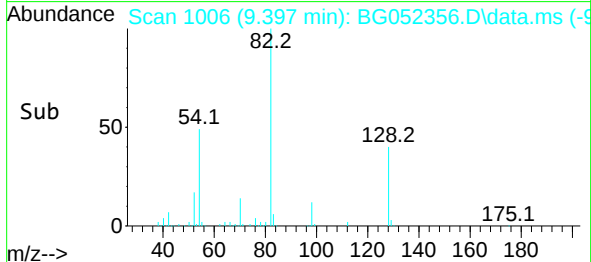
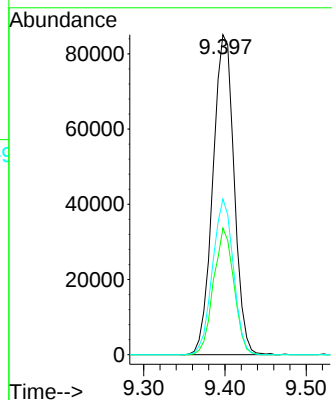
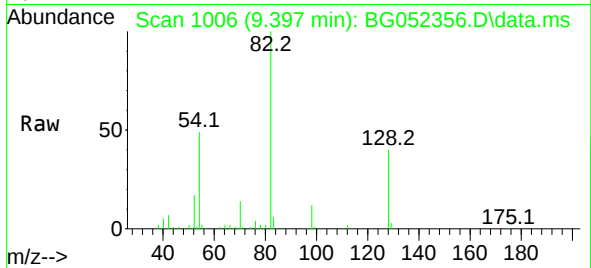




#23
Nitrobenzene-d5
Concen: 61.022 ng
RT: 9.397 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

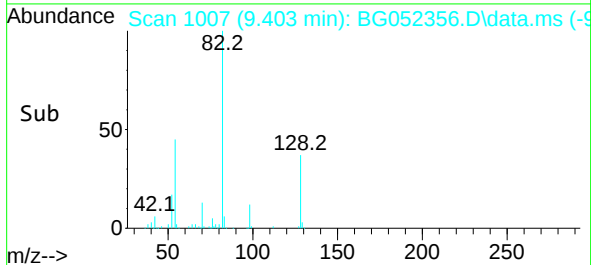
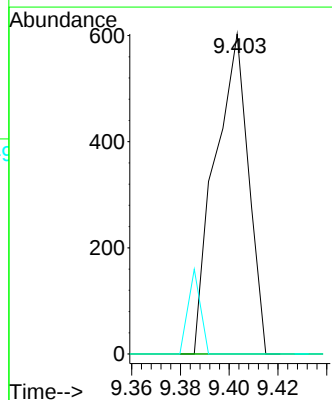
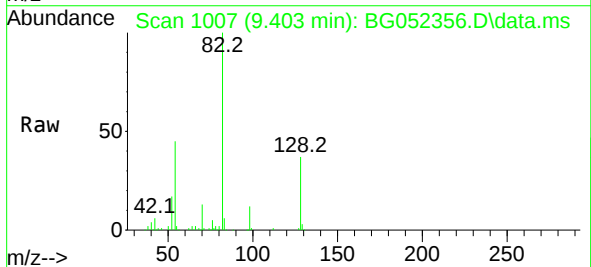
Instrument :
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ClientSampleId :
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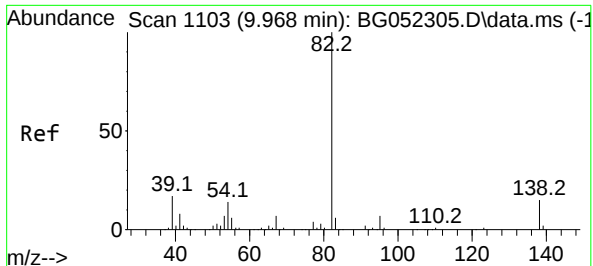
Tgt Ion: 82 Resp: 154909
Ion Ratio Lower Upper
82 100
128 39.6 27.0 40.4
54 48.6 41.0 61.6



#24
Nitrobenzene
Concen: 0.238 ng
RT: 9.403 min Scan# 1007
Delta R.T. -0.042 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 77 Resp: 574
Ion Ratio Lower Upper
77 100
123 0.0 27.1 40.7#
65 0.0 11.2 16.8#

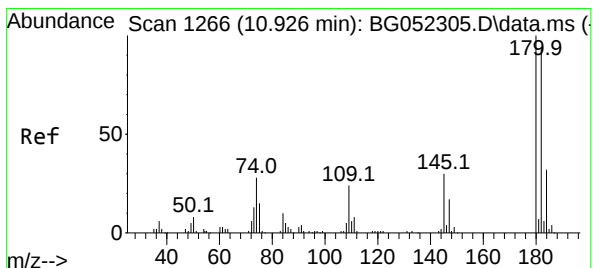
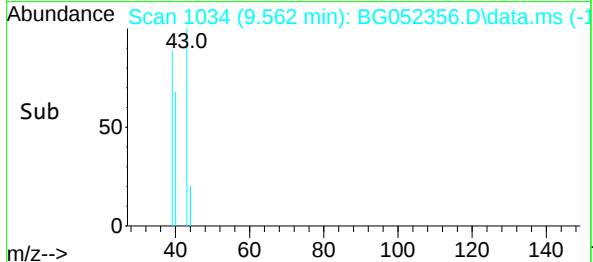
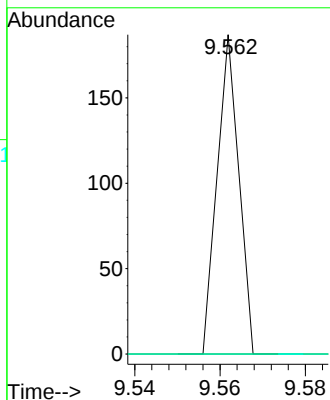
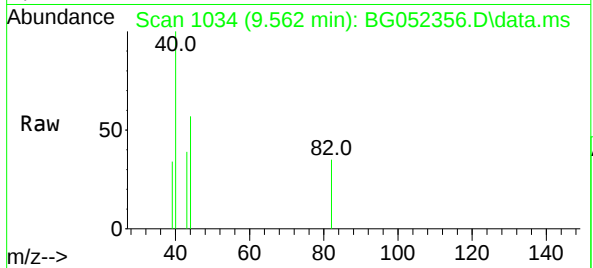




#25
Isophorone
Concen: 0.015 ng
RT: 9.562 min Scan# 1034
Delta R.T. -0.406 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

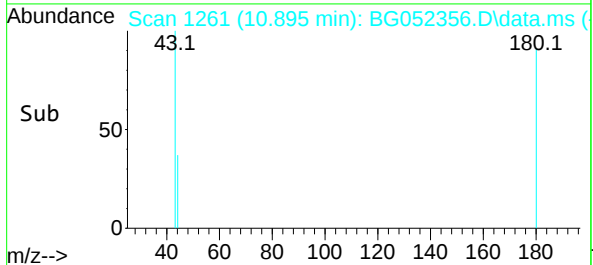
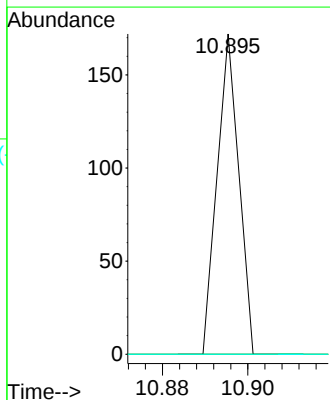
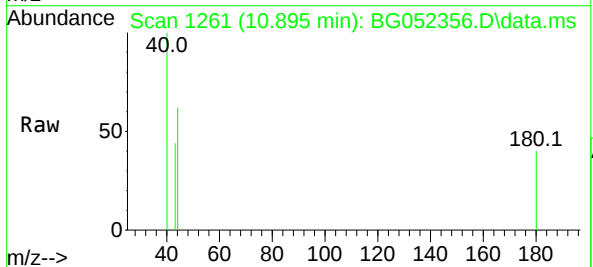
Instrument :
BNA_G
ClientSampleId :
SP-6

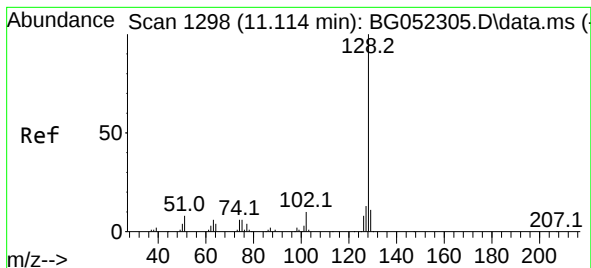
Tgt Ion: 82 Resp: 66
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.5 18.7#



#30
1,2,4-Trichlorobenzene
Concen: 0.029 ng
RT: 10.895 min Scan# 1261
Delta R.T. -0.030 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 180 Resp: 61
Ion Ratio Lower Upper
180 100
182 0.0 76.1 114.1#
145 0.0 24.0 36.0#





#31

Naphthalene

Concen: 0.032 ng

RT: 11.119 min Scan# 11

Delta R.T. 0.005 min

Lab File: BG052356.D

Acq: 10 Feb 2022 16:22

Instrument :

BNA_G

ClientSampleId :

SP-6

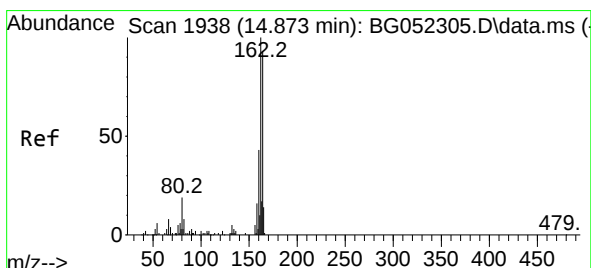
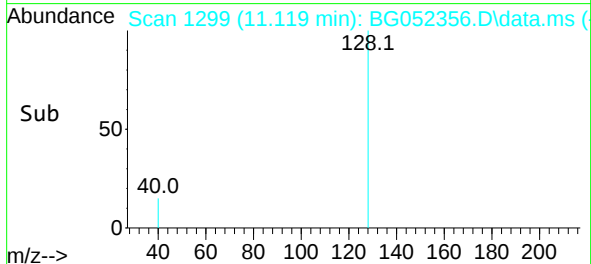
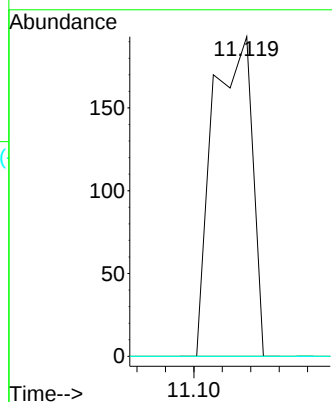
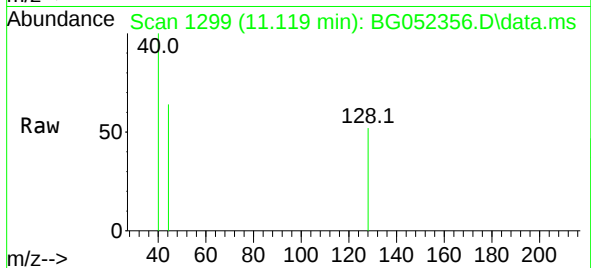
Tgt Ion:128 Resp: 185

Ion Ratio Lower Upper

128 100

129 0.0 9.8 14.6#

127 0.0 12.0 18.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.872 min Scan# 1938

Delta R.T. -0.001 min

Lab File: BG052356.D

Acq: 10 Feb 2022 16:22

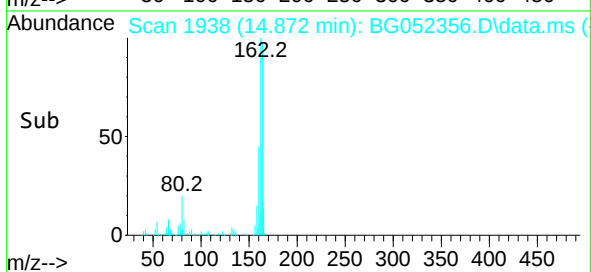
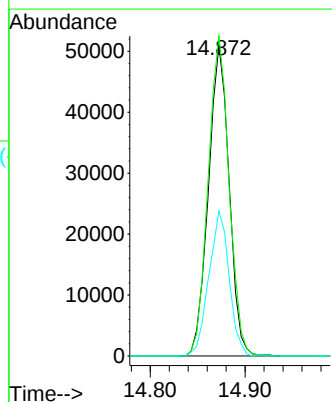
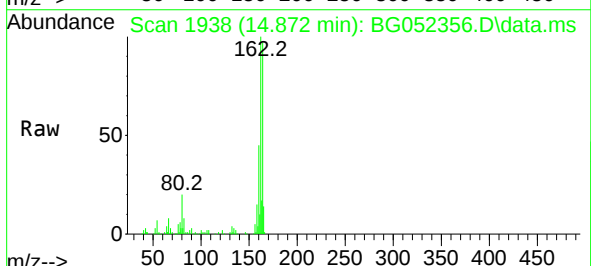
Tgt Ion:164 Resp: 77402

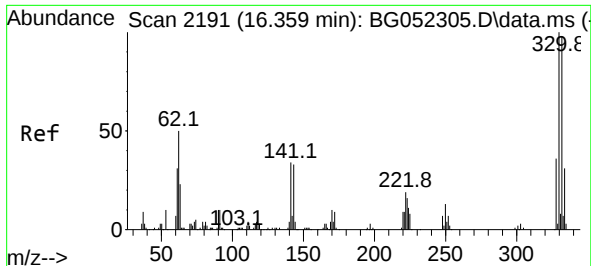
Ion Ratio Lower Upper

164 100

162 103.0 82.2 123.2

160 46.7 36.2 54.2

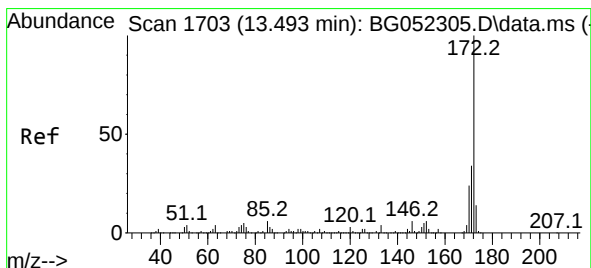
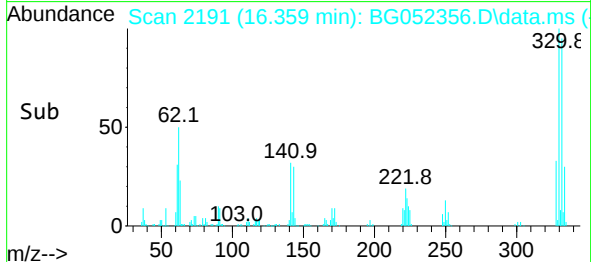
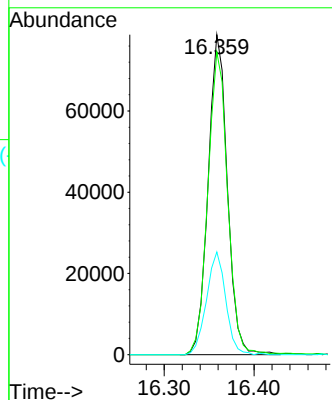
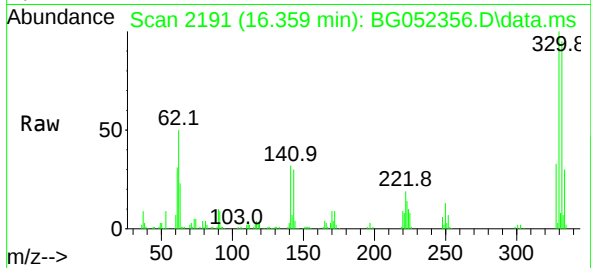




#42
2,4,6-Tribromophenol
Concen: 105.255 ng
RT: 16.359 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

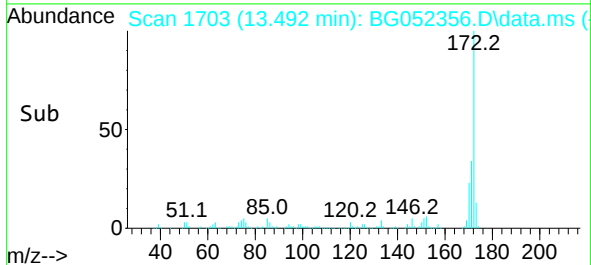
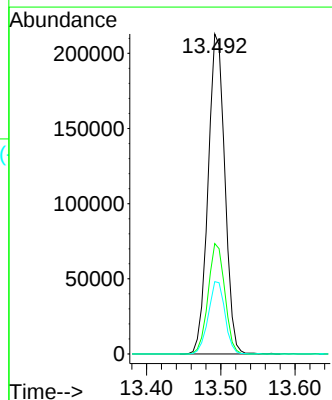
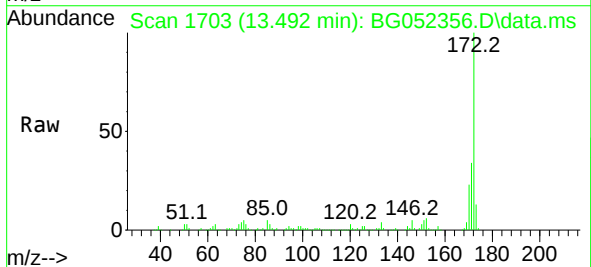
Instrument :
BNA_G
ClientSampleId :
SP-6

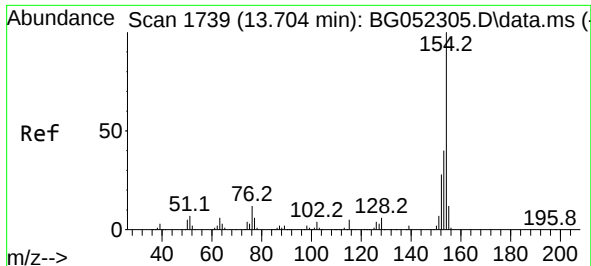
Tgt Ion:330 Resp: 117044
Ion Ratio Lower Upper
330 100
332 97.8 78.6 117.8
141 32.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 59.902 ng
RT: 13.492 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion:172 Resp: 333674
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 22.6 18.3 27.5

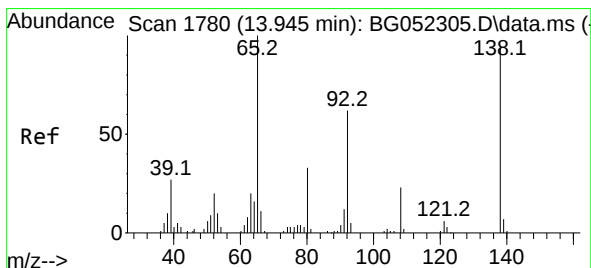
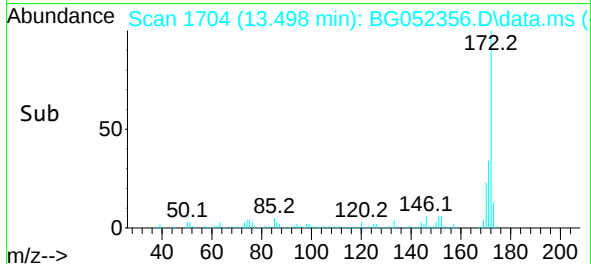
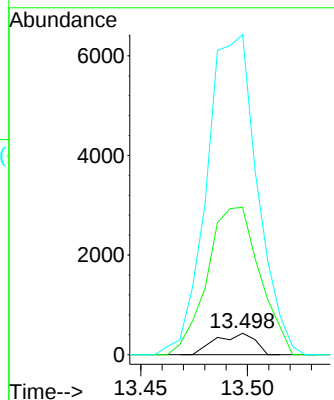
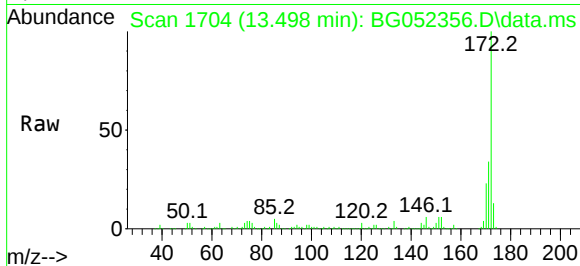




#46
1,1'-Biphenyl
Concen: 0.096 ng
RT: 13.498 min Scan# 1
Delta R.T. -0.206 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

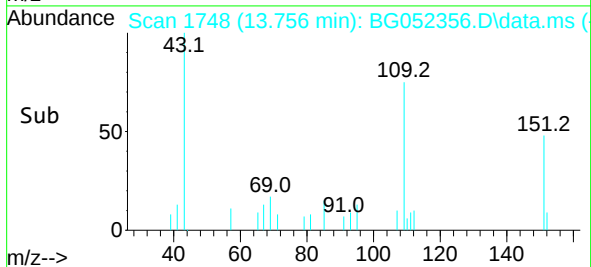
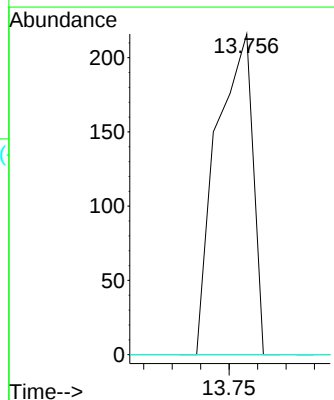
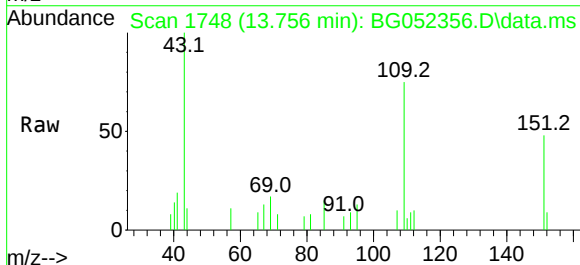
Instrument :
BNA_G
ClientSampleId :
SP-6

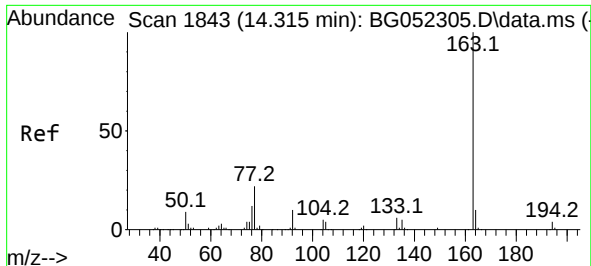
Tgt Ion:154 Resp: 547
Ion Ratio Lower Upper
154 100
153 686.5 21.1 61.1#
76 1490.5 0.0 32.6#



#48
2-Nitroaniline
Concen: 0.123 ng
RT: 13.756 min Scan# 1748
Delta R.T. -0.189 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 65 Resp: 191
Ion Ratio Lower Upper
65 100
92 0.0 51.0 76.6#
138 0.0 72.4 108.6#

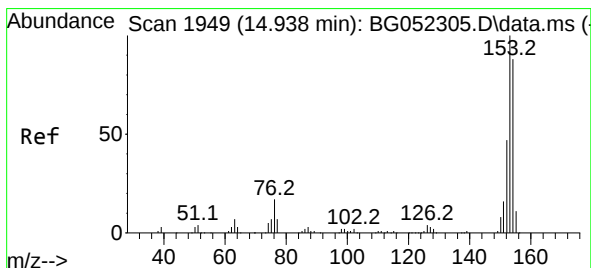
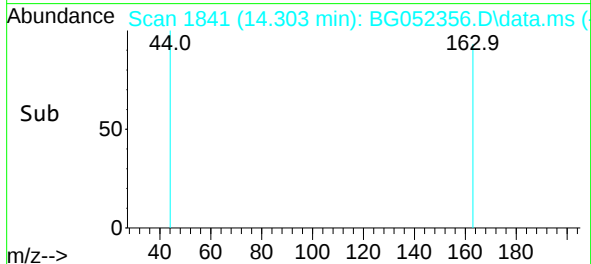
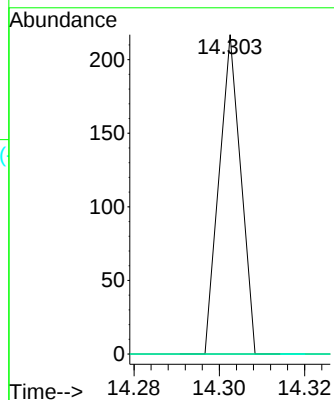
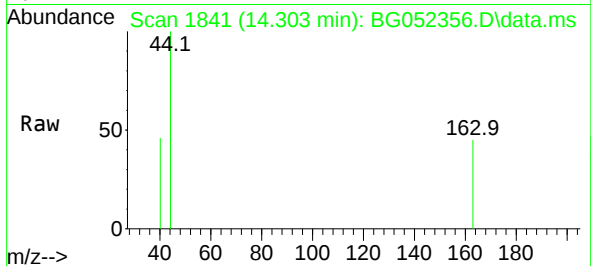




#50
Dimethylphthalate
Concen: 0.013 ng
RT: 14.303 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

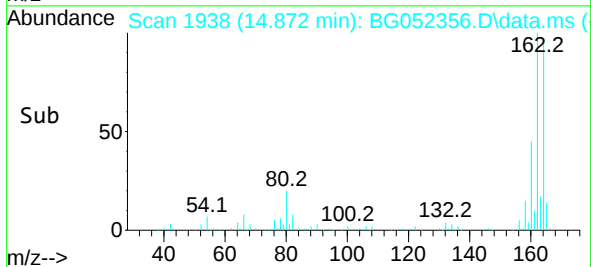
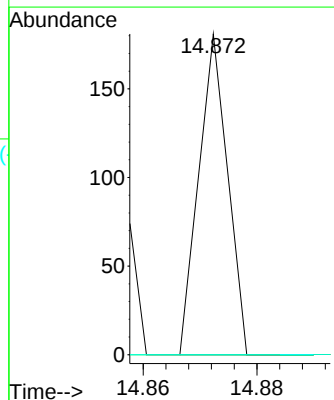
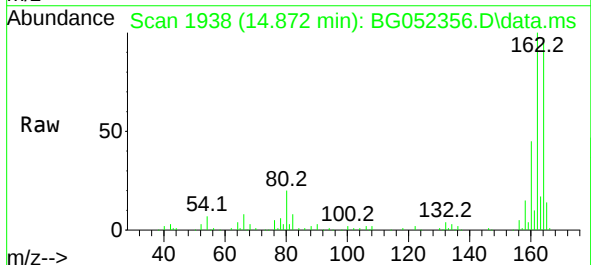
Instrument :
BNA_G
ClientSampleId :
SP-6

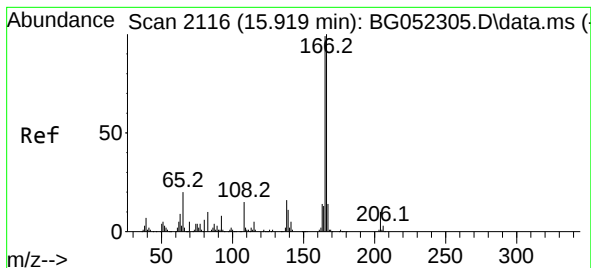
Tgt Ion:163 Resp: 76
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 0.0 8.4 12.6#



#52
Acenaphthene
Concen: 0.014 ng
RT: 14.872 min Scan# 1938
Delta R.T. -0.065 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion:154 Resp: 64
Ion Ratio Lower Upper
154 100
153 0.0 91.9 137.9#
152 0.0 43.4 65.2#





#58

Fluorene

Concen: 0.565 ng

RT: 16.359 min Scan# 2116

Delta R.T. 0.440 min

Lab File: BG052356.D

Acq: 10 Feb 2022 16:22

Instrument :

BNA_G

ClientSampleId :

SP-6

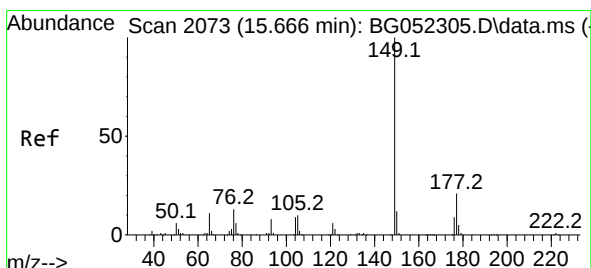
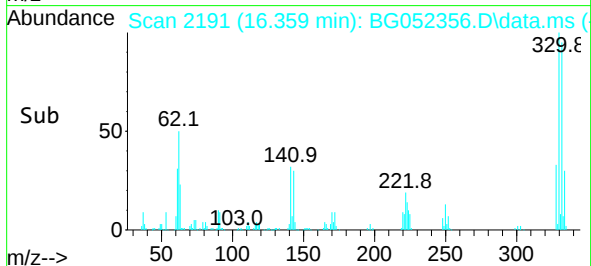
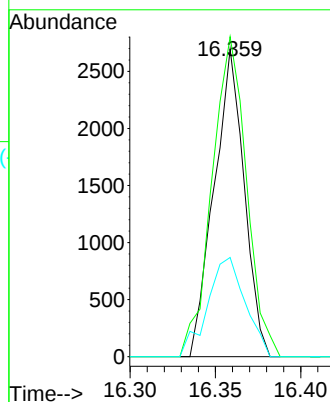
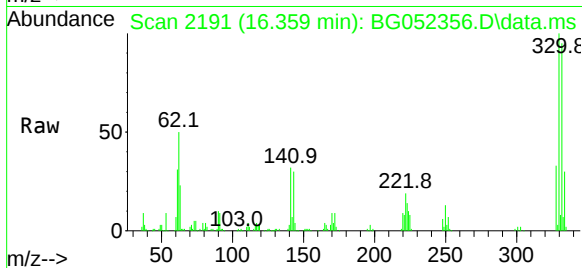
Tgt Ion:166 Resp: 3307

Ion Ratio Lower Upper

166 100

165 103.9 80.0 120.0

167 32.2 11.1 16.7#



#60

Diethylphthalate

Concen: 0.091 ng

RT: 15.665 min Scan# 2073

Delta R.T. -0.001 min

Lab File: BG052356.D

Acq: 10 Feb 2022 16:22

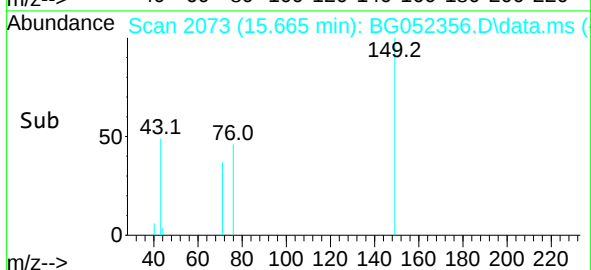
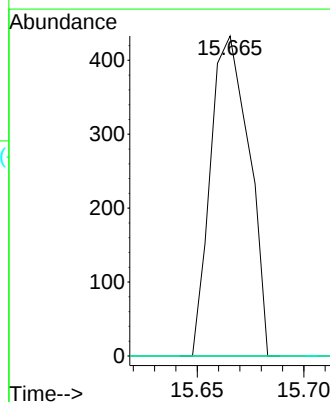
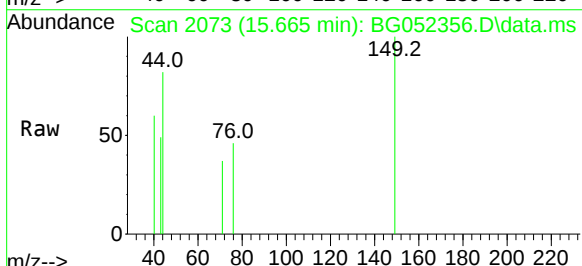
Tgt Ion:149 Resp: 545

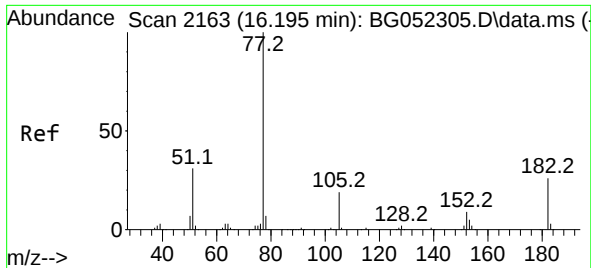
Ion Ratio Lower Upper

149 100

177 0.0 17.8 26.6#

150 0.0 9.2 13.8#

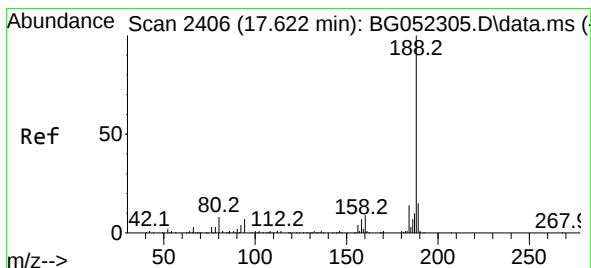
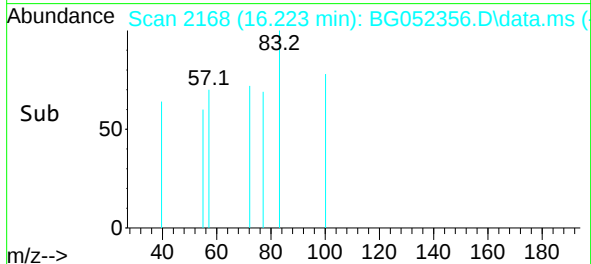
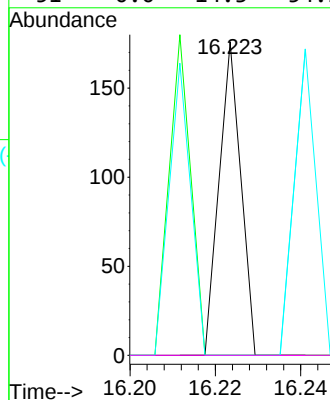
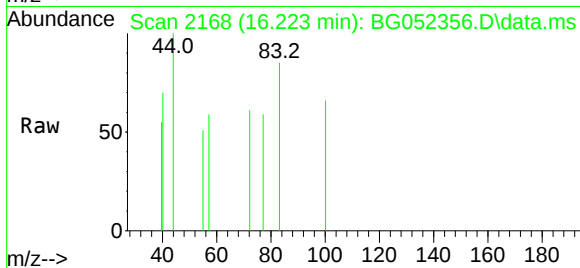




#63
 Azobenzene
 Concen: 0.010 ng
 RT: 16.223 min Scan# 2163
 Delta R.T. 0.029 min
 Lab File: BG052356.D
 Acq: 10 Feb 2022 16:22

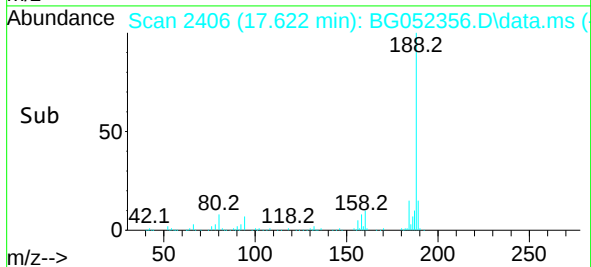
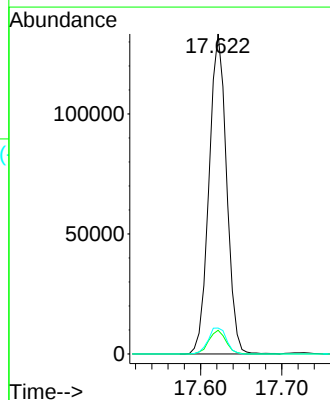
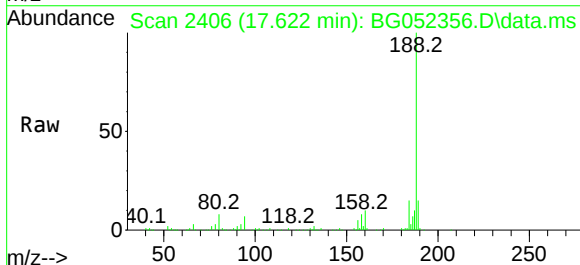
Instrument :
 BNA_G
 ClientSampleId :
 SP-6

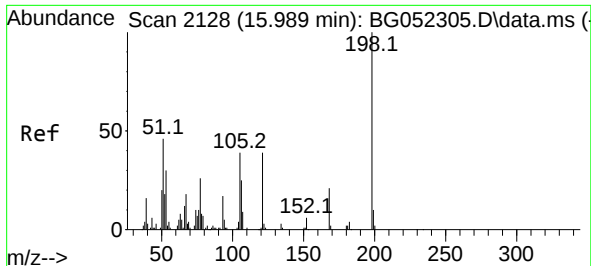
Tgt Ion: 77	Resp: 62
Ion Ratio	Lower Upper
77 100	
182 0.0	4.1 44.1#
105 0.0	0.0 37.5
51 0.0	14.3 54.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.622 min Scan# 2406
 Delta R.T. -0.001 min
 Lab File: BG052356.D
 Acq: 10 Feb 2022 16:22

Tgt Ion: 188	Resp: 200037
Ion Ratio	Lower Upper
188 100	
94 7.4	5.9 8.9
80 8.1	6.6 10.0

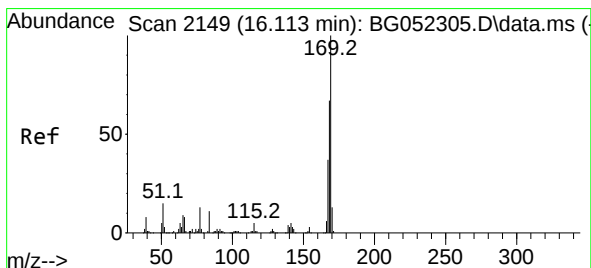
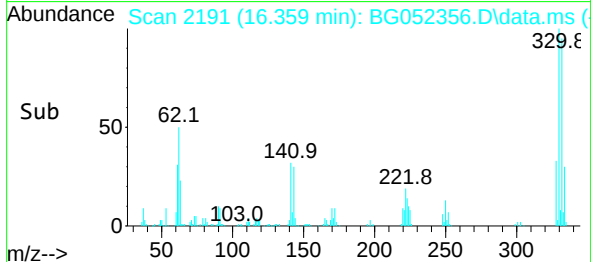
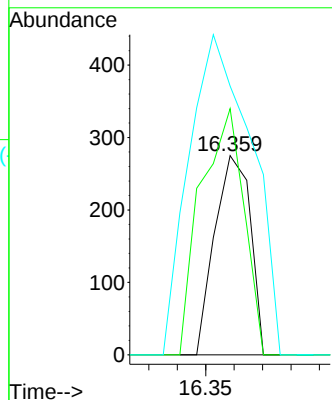
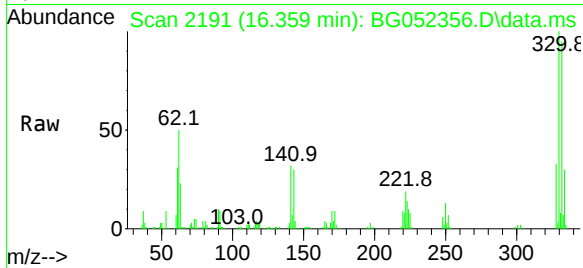




#65
4,6-Dinitro-2-methylphenol
Concen: 0.199 ng
RT: 16.359 min Scan# 2191
Delta R.T. 0.369 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

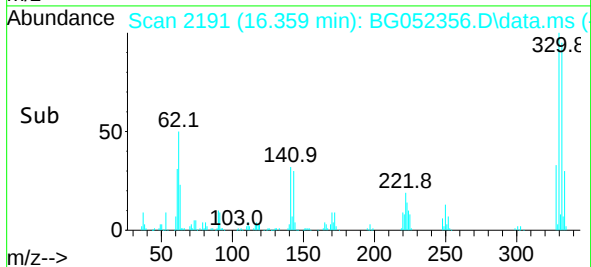
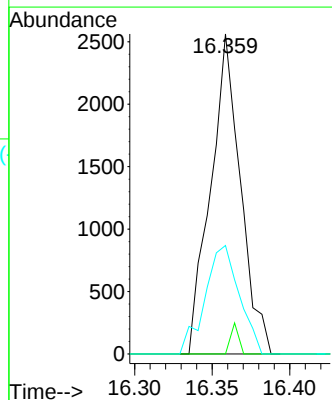
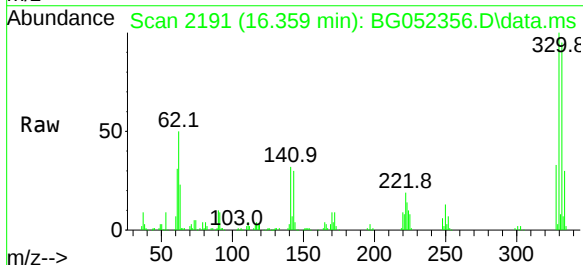
Instrument :
BNA_G
ClientSampleId :
SP-6

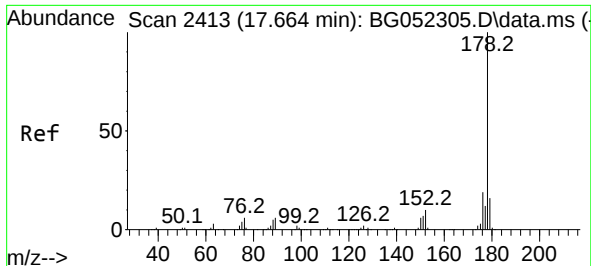
Tgt Ion:198 Resp: 239
Ion Ratio Lower Upper
198 100
51 123.6 31.6 71.6#
105 134.9 22.3 62.3#



#66
n-Nitrosodiphenylamine
Concen: 0.622 ng
RT: 16.359 min Scan# 2191
Delta R.T. 0.246 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion:169 Resp: 3429
Ion Ratio Lower Upper
169 100
168 0.0 57.4 86.0#
167 33.9 29.5 44.3

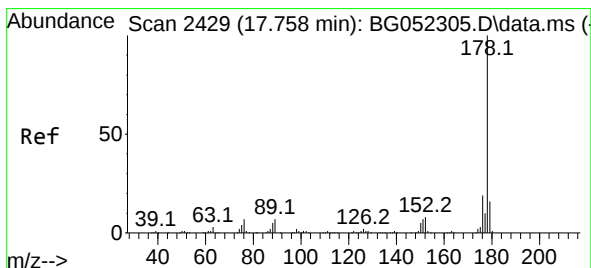
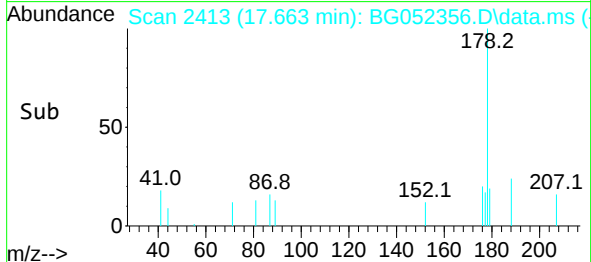
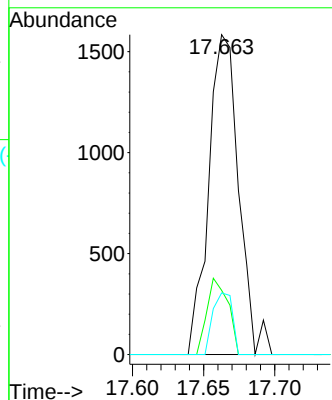
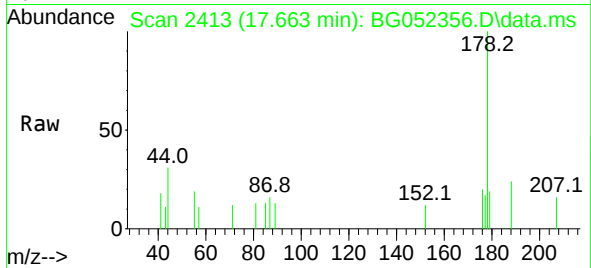




#71
Phenanthrene
Concen: 0.226 ng
RT: 17.663 min Scan# 2413
Delta R.T. -0.001 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

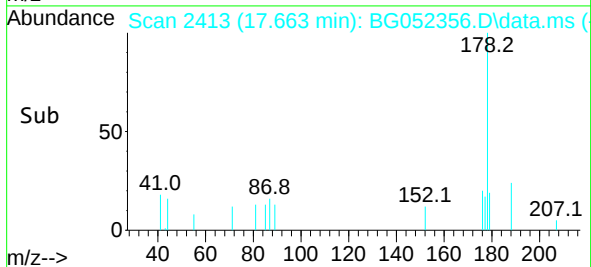
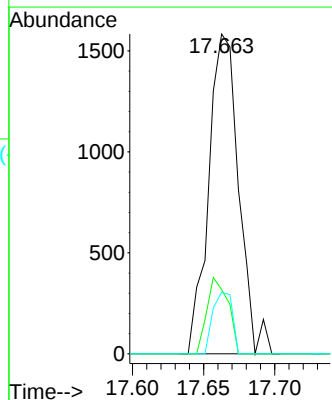
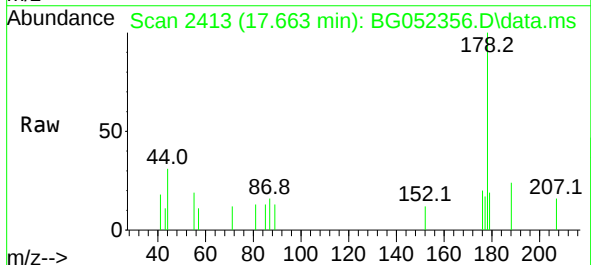
Instrument :
BNA_G
ClientSampleId :
SP-6

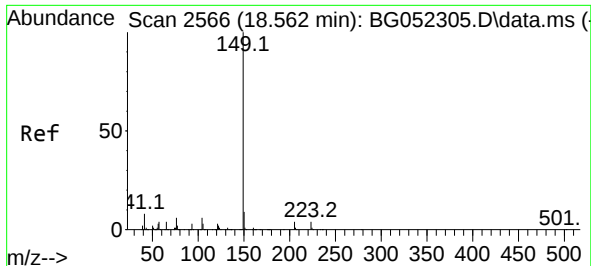
Tgt Ion:178 Resp: 2335
Ion Ratio Lower Upper
178 100
176 20.1 16.6 25.0
179 19.3 12.6 18.8#



#72
Anthracene
Concen: 0.231 ng
RT: 17.663 min Scan# 2413
Delta R.T. -0.095 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion:178 Resp: 2335
Ion Ratio Lower Upper
178 100
176 20.1 15.3 22.9
179 19.3 13.1 19.7

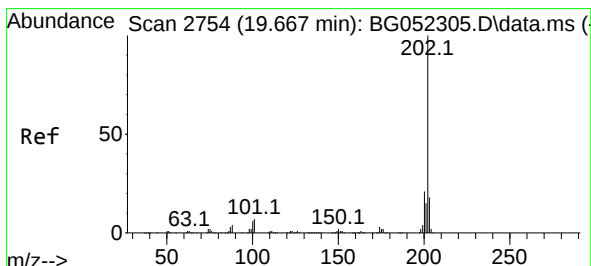
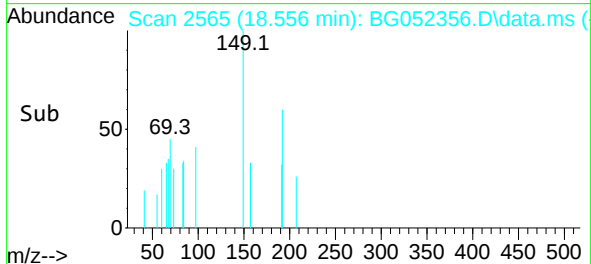
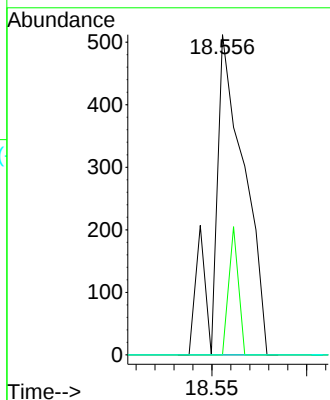
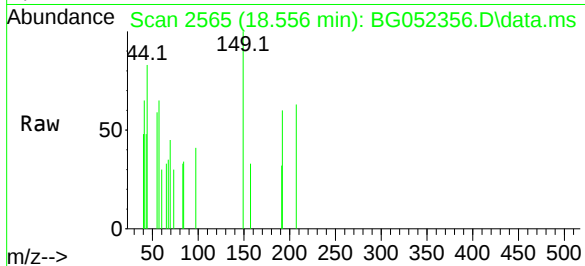




#74
Di-n-butylphthalate
Concen: 0.052 ng
RT: 18.556 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

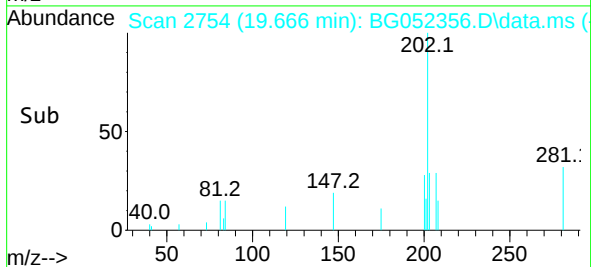
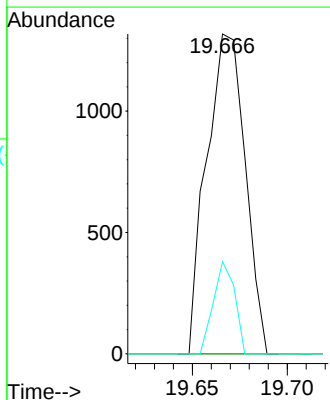
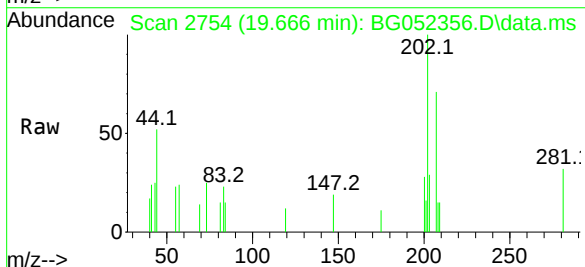
Instrument :
BNA_G
ClientSampleId :
SP-6

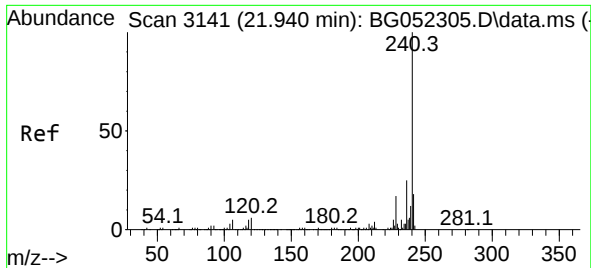
Tgt Ion:149 Resp: 559
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 5.4 8.2#



#75
Fluoranthene
Concen: 0.142 ng
RT: 19.666 min Scan# 2754
Delta R.T. -0.001 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion:202 Resp: 1868
Ion Ratio Lower Upper
202 100
101 0.0 0.0 27.1
203 28.8 0.0 37.8

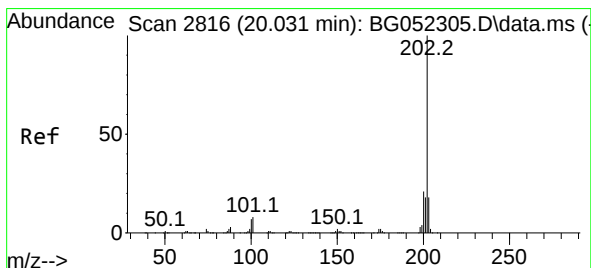
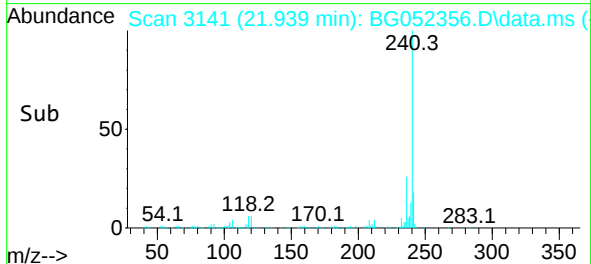
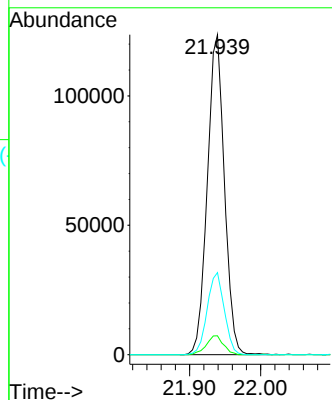
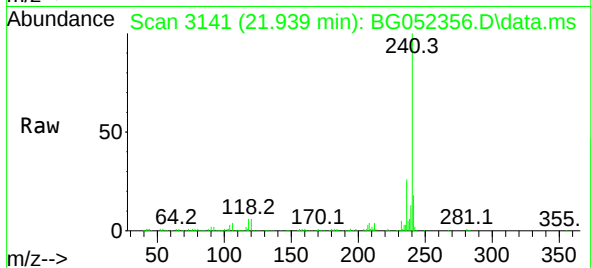




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

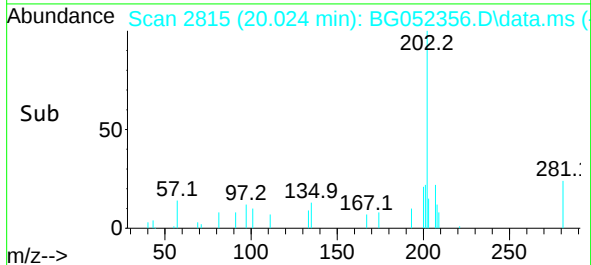
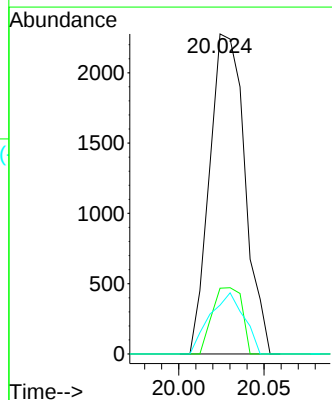
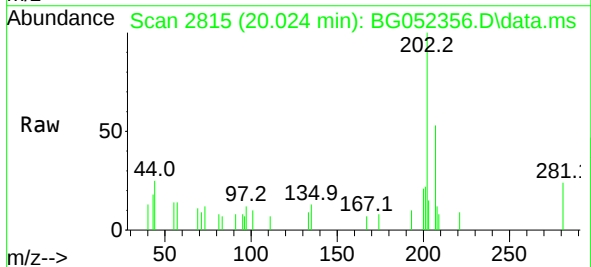
Instrument :
BNA_G
ClientSampleId :
SP-6

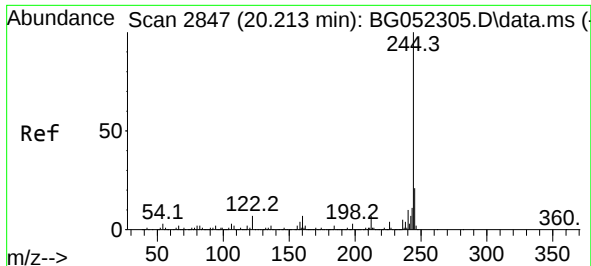
Tgt Ion:240 Resp: 206455
Ion Ratio Lower Upper
240 100
120 5.9 4.4 6.6
236 25.7 20.8 31.2



#78
Pyrene
Concen: 0.237 ng
RT: 20.024 min Scan# 2815
Delta R.T. -0.007 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion:202 Resp: 3268
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 15.2 14.5 21.7

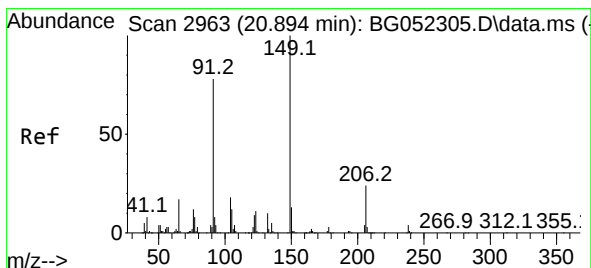
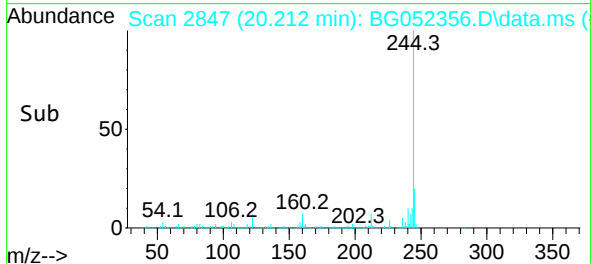
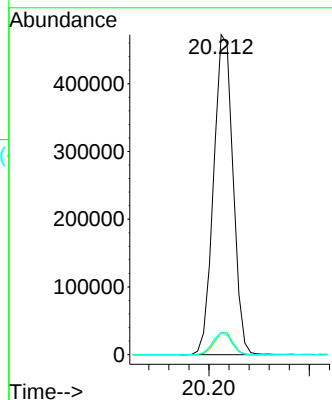
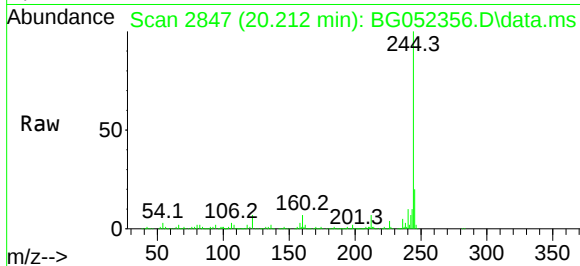




#79
 Terphenyl-d14
 Concen: 54.257 ng
 RT: 20.212 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG052356.D
 Acq: 10 Feb 2022 16:22

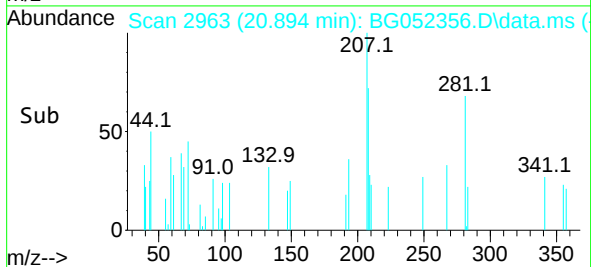
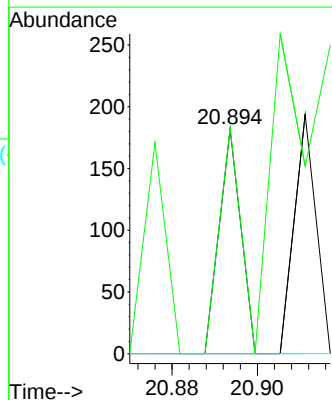
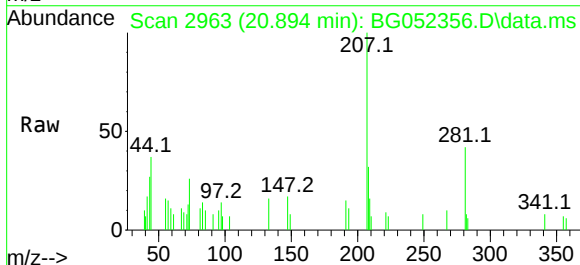
Instrument :
 BNA_G
 ClientSampleId :
 SP-6

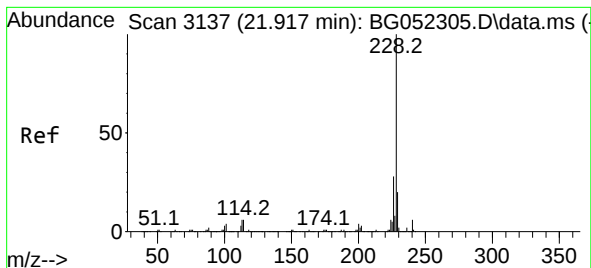
Tgt Ion:244 Resp: 634337
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 6.9 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 0.013 ng
 RT: 20.894 min Scan# 2963
 Delta R.T. -0.001 min
 Lab File: BG052356.D
 Acq: 10 Feb 2022 16:22

Tgt Ion:149 Resp: 64
 Ion Ratio Lower Upper
 149 100
 91 100.5 64.0 96.0#
 206 0.0 19.3 28.9#





#81

Benzo(a)anthracene

Concen: 0.130 ng

RT: 21.910 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG052356.D

Acq: 10 Feb 2022 16:22

Instrument :

BNA_G

ClientSampleId :

SP-6

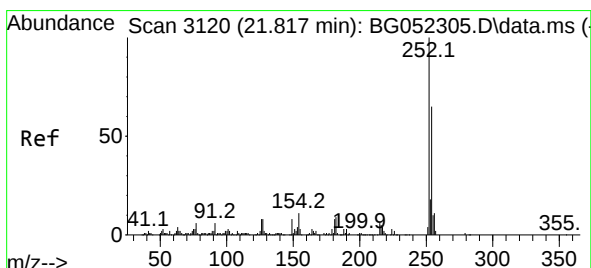
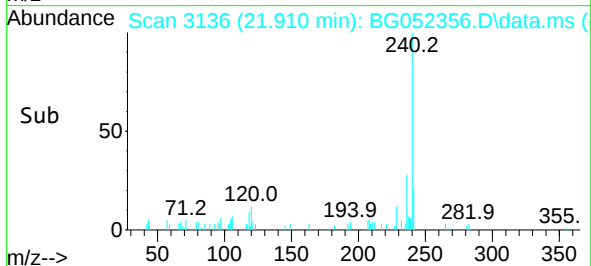
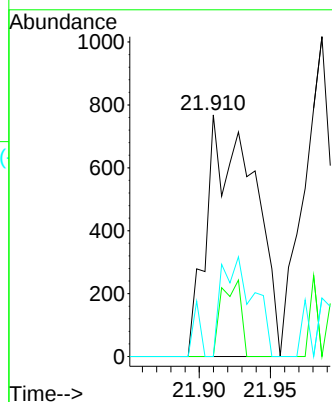
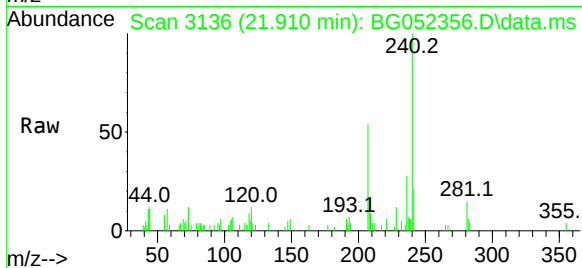
Tgt Ion:228 Resp: 1774

Ion Ratio Lower Upper

228 100

226 0.0 21.6 32.4#

229 0.0 16.0 24.0#



#82

3,3'-Dichlorobenzidine

Concen: 0.016 ng

RT: 21.581 min Scan# 3080

Delta R.T. -0.236 min

Lab File: BG052356.D

Acq: 10 Feb 2022 16:22

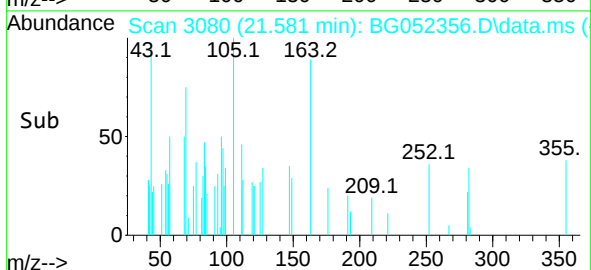
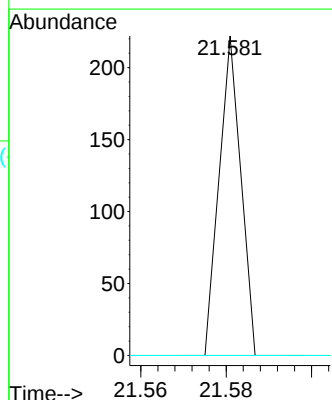
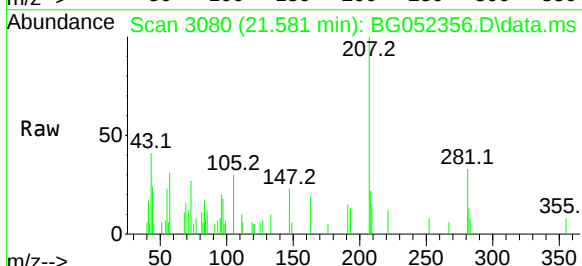
Tgt Ion:252 Resp: 78

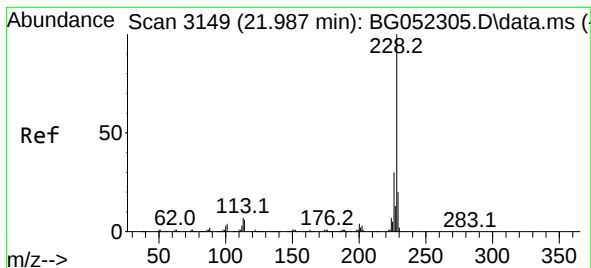
Ion Ratio Lower Upper

252 100

254 0.0 52.6 79.0#

126 0.0 6.4 9.6#





#83

Chrysene

Concen: 0.110 ng

RT: 21.986 min Scan# 3149

Delta R.T. -0.001 min

Lab File: BG052356.D

Acq: 10 Feb 2022 16:22

Instrument :

BNA_G

ClientSampleId :

SP-6

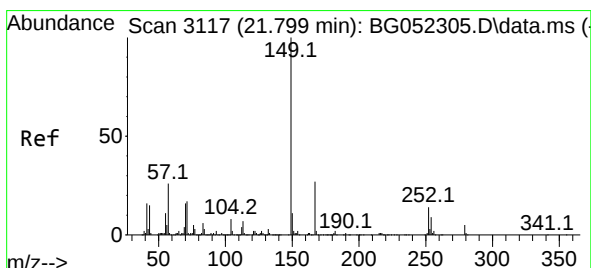
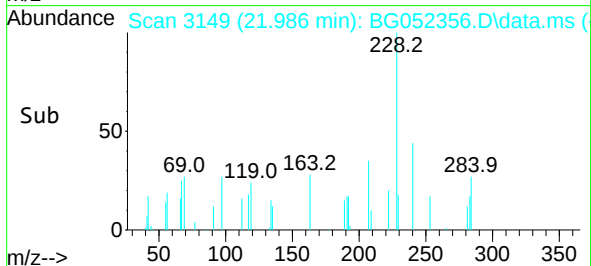
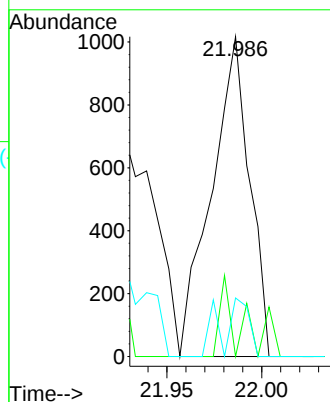
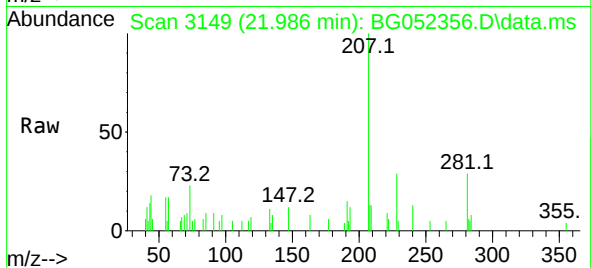
Tgt Ion:228 Resp: 1421

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

229 18.3 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.215 ng

RT: 21.798 min Scan# 3117

Delta R.T. -0.001 min

Lab File: BG052356.D

Acq: 10 Feb 2022 16:22

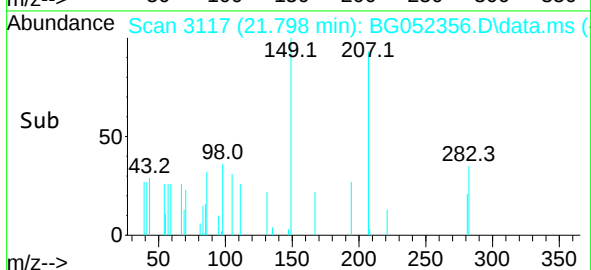
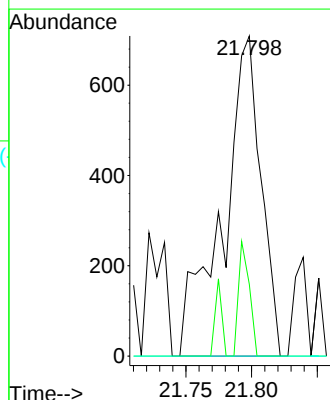
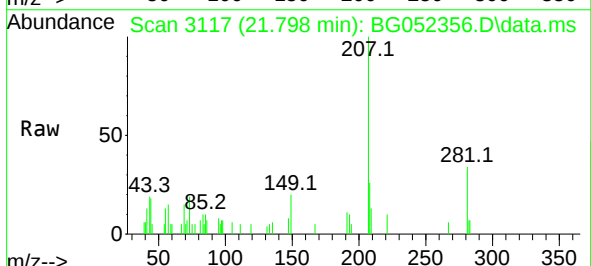
Tgt Ion:149 Resp: 1432

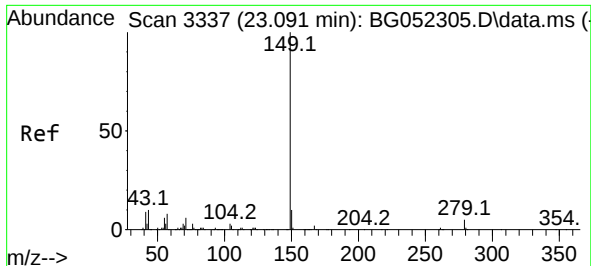
Ion Ratio Lower Upper

149 100

167 22.4 21.4 32.0

279 0.0 4.2 6.2#

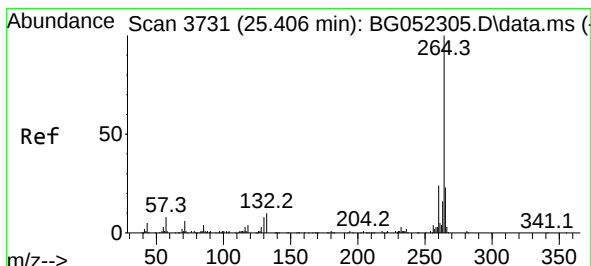
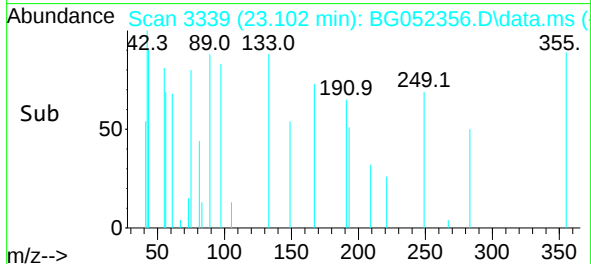
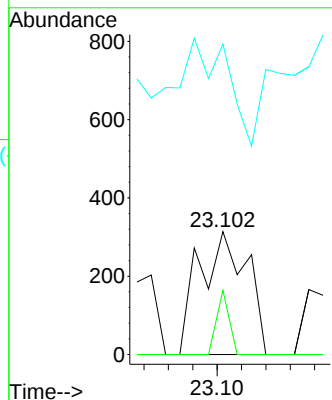
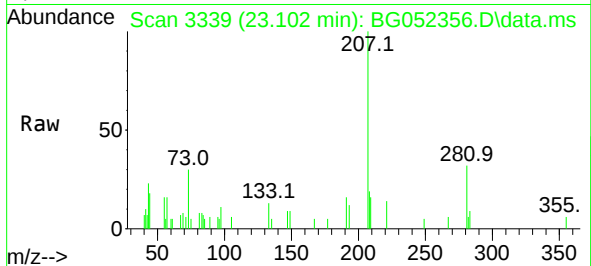




#85
Di-n-octyl phthalate
Concen: 0.038 ng
RT: 23.102 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

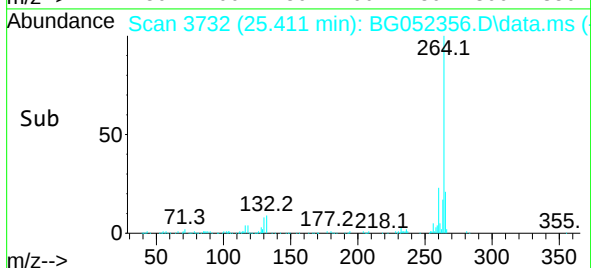
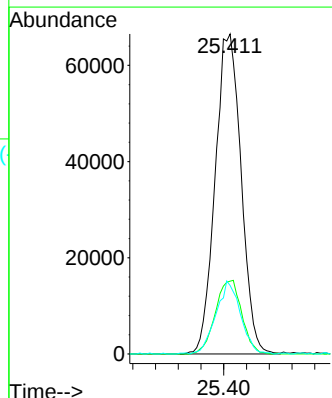
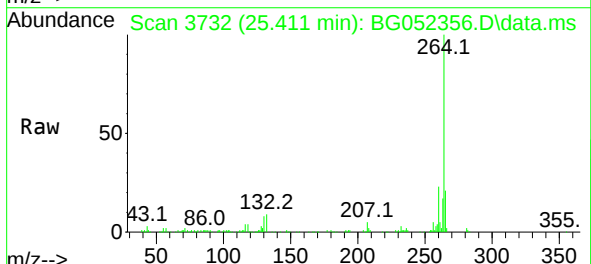
Instrument :
BNA_G
ClientSampleId :
SP-6

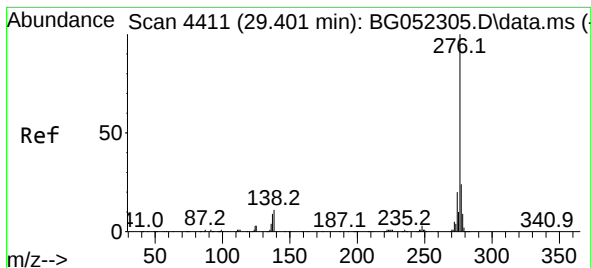
Tgt Ion:149 Resp: 427
Ion Ratio Lower Upper
149 100
167 13.6 1.4 2.0#
43 67.4 10.0 15.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.411 min Scan# 3732
Delta R.T. 0.005 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion:264 Resp: 210666
Ion Ratio Lower Upper
264 100
260 22.7 18.5 27.7
265 21.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.017 ng

RT: 29.417 min Scan# 4411

Delta R.T. 0.017 min

Lab File: BG052356.D

Acq: 10 Feb 2022 16:22

Instrument :

BNA_G

ClientSampleId :

SP-6

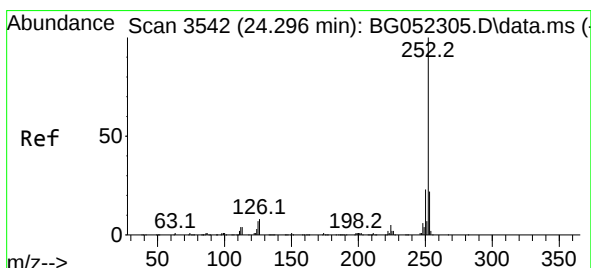
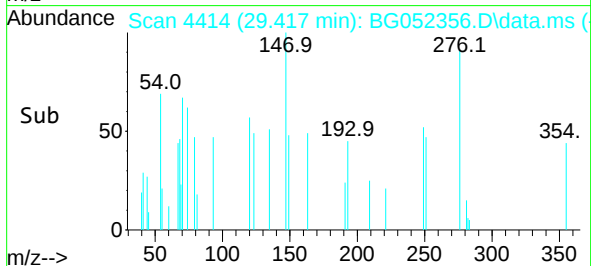
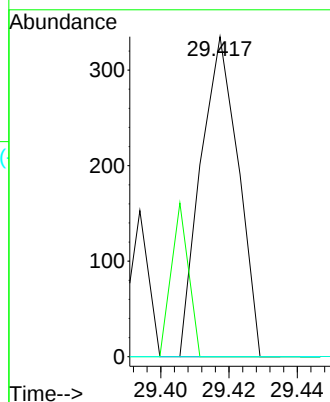
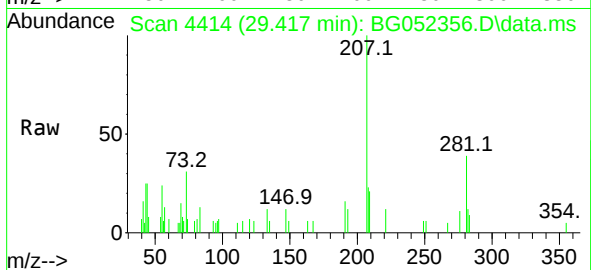
Tgt Ion:276 Resp: 256

Ion Ratio Lower Upper

276 100

138 22.3 6.1 9.1#

277 0.0 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 0.055 ng

RT: 24.301 min Scan# 3543

Delta R.T. 0.005 min

Lab File: BG052356.D

Acq: 10 Feb 2022 16:22

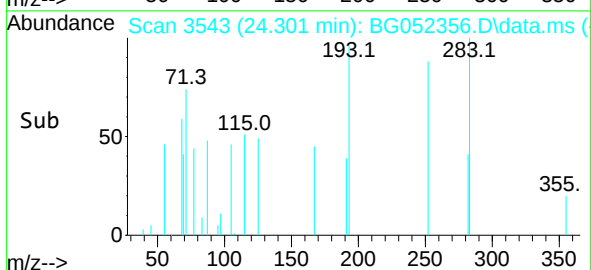
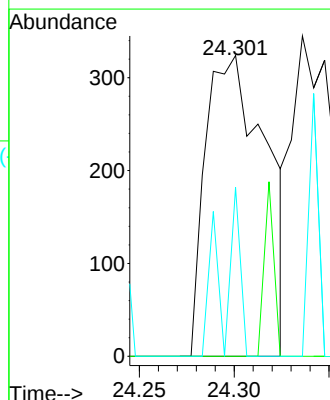
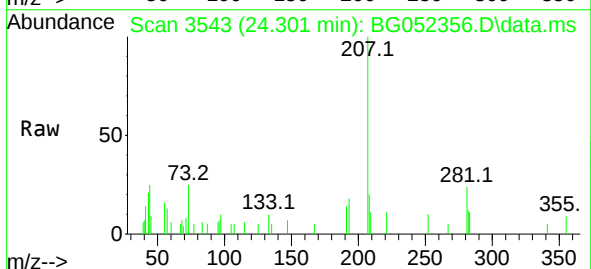
Tgt Ion:252 Resp: 721

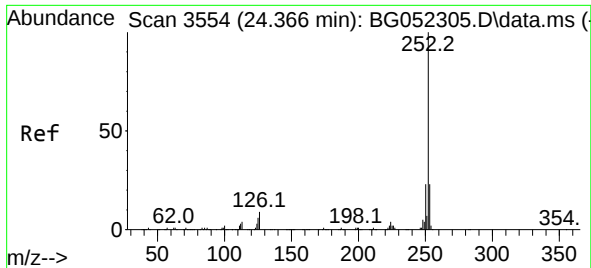
Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

125 56.2 5.4 8.2#

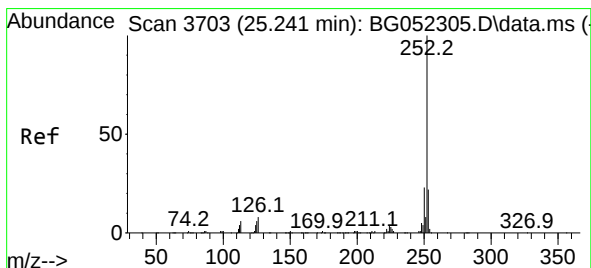
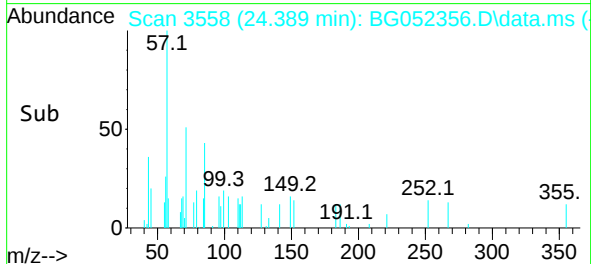
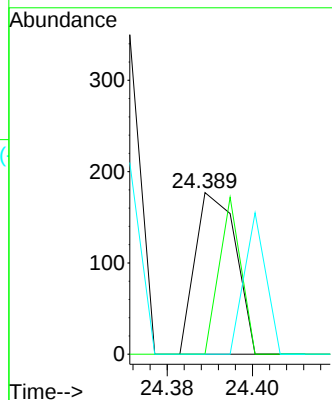
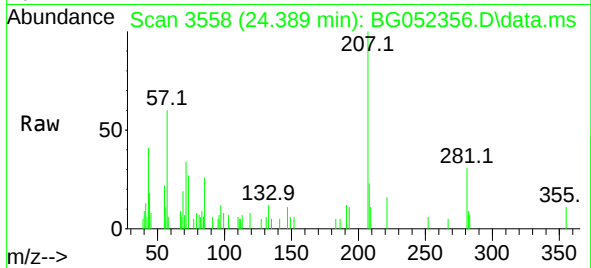




#89
Benzo(k)fluoranthene
Concen: 0.009 ng
RT: 24.389 min Scan# 31
Delta R.T. 0.023 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

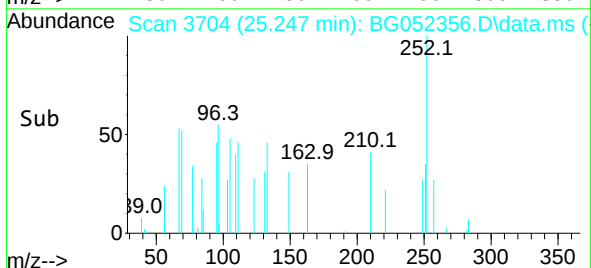
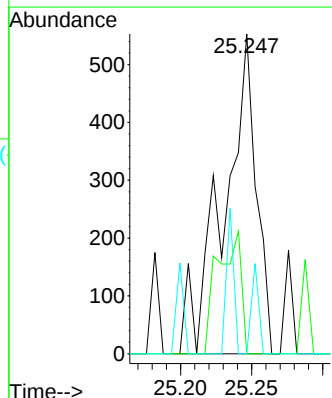
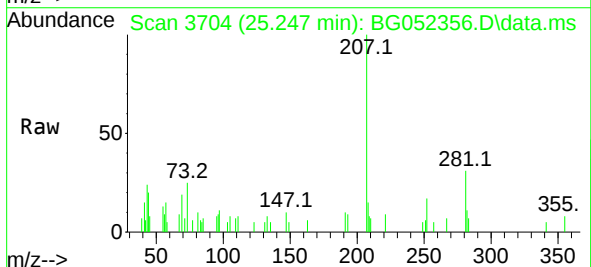
Instrument :
BNA_G
ClientSampleId :
SP-6

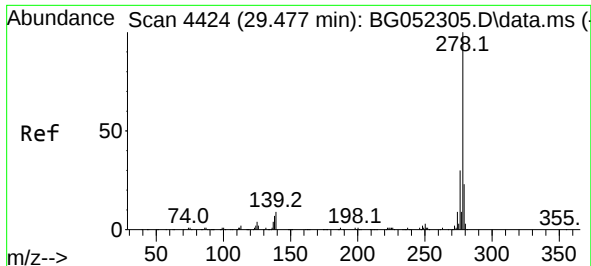
Tgt Ion:252 Resp: 117
Ion Ratio Lower Upper
252 100
253 0.0 17.3 25.9#
125 0.0 4.6 7.0#



#90
Benzo(a)pyrene
Concen: 0.079 ng
RT: 25.247 min Scan# 3704
Delta R.T. 0.005 min
Lab File: BG052356.D
Acq: 10 Feb 2022 16:22

Tgt Ion:252 Resp: 881
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 5.0 7.6#

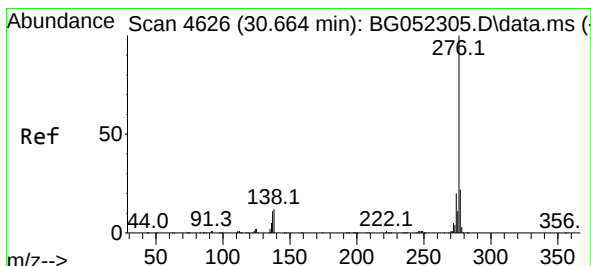
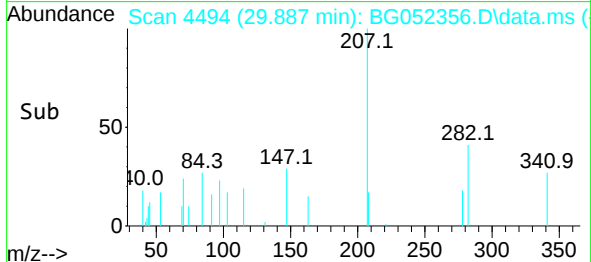
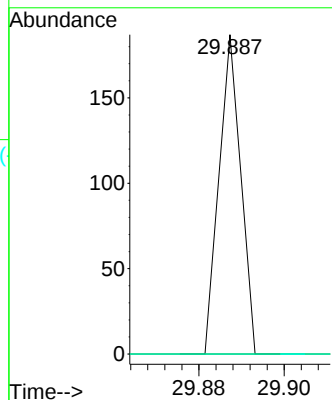
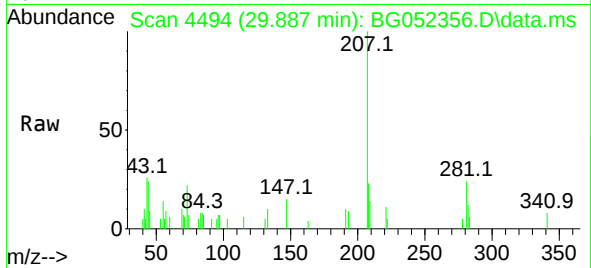




#91
 Dibenzo(a,h)anthracene
 Concen: 0.005 ng
 RT: 29.887 min Scan# 4424
 Delta R.T. 0.410 min
 Lab File: BG052356.D
 Acq: 10 Feb 2022 16:22

Instrument :
 BNA_G
 ClientSampleId :
 SP-6

Tgt Ion:278 Resp: 66
 Ion Ratio Lower Upper
 278 100
 139 0.0 6.4 9.6#
 279 0.0 20.1 30.1#



#92
 Benzo(g,h,i)perylene
 Concen: 0.015 ng
 RT: 30.680 min Scan# 4629
 Delta R.T. 0.017 min
 Lab File: BG052356.D
 Acq: 10 Feb 2022 16:22

Tgt Ion:276 Resp: 192
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.2 27.2#
 138 0.0 9.1 13.7#

