

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054705.D
 Acq On : 23 Aug 2022 13:20
 Operator : CG/JU
 Sample : N4258-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 280251

Quant Time: Aug 23 14:18:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

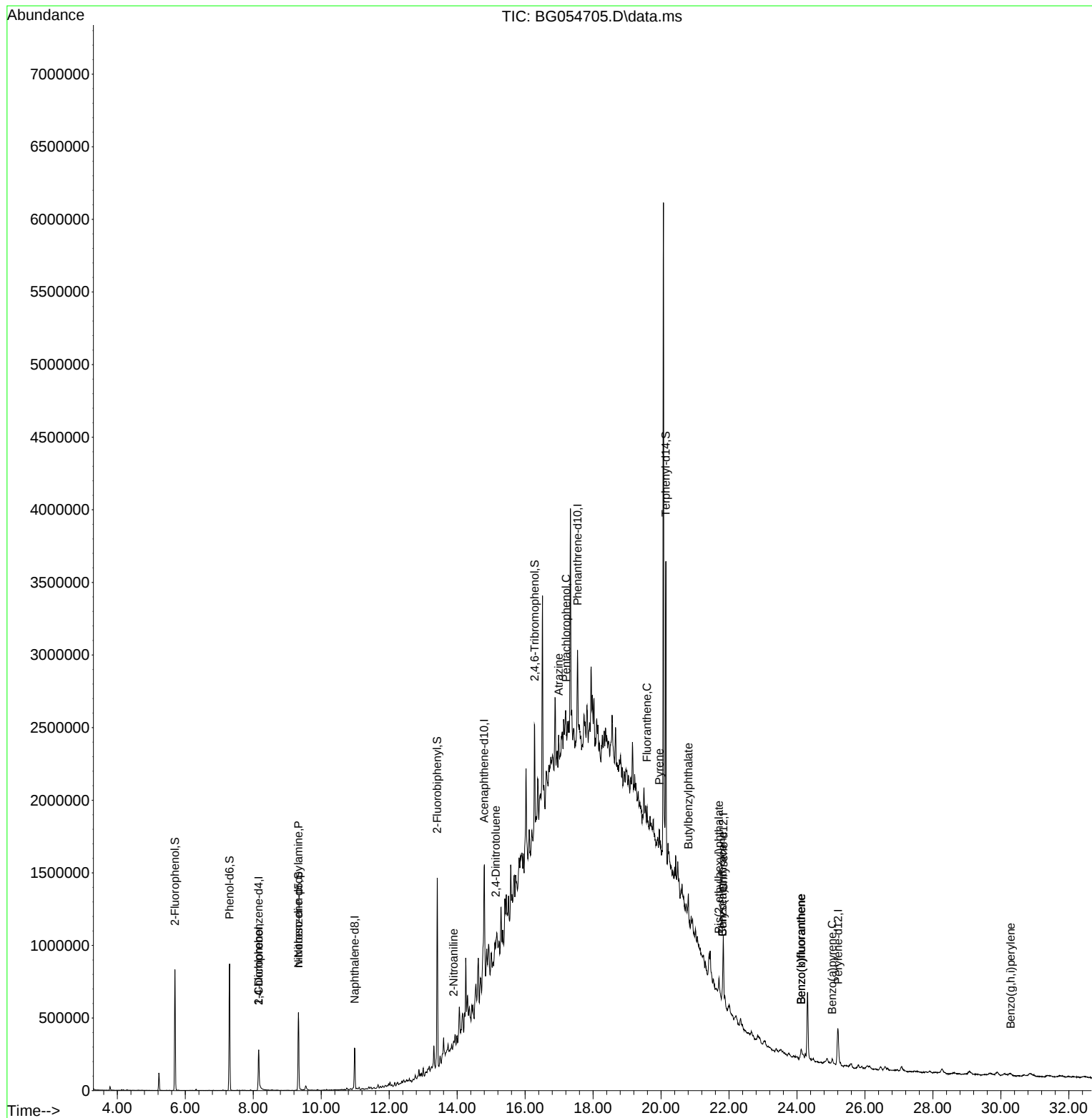
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	60202	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	249790	20.000	ng	0.00
39) Acenaphthene-d10	14.795	164	140705	20.000	ng	0.00
64) Phenanthrene-d10	17.544	188	262265	20.000	ng	# 0.00
76) Chrysene-d12	21.833	240	263351	20.000	ng	0.00
86) Perylene-d12	25.206	264	292245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	383613	120.077	ng	0.00
7) Phenol-d6	7.303	99	525581	117.410	ng	0.00
23) Nitrobenzene-d5	9.330	82	321216	73.285	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	153757	136.452	ng	0.00
45) 2-Fluorobiphenyl	13.414	172	689211	72.235	ng	0.00
79) Terphenyl-d14	20.141	244	885288	66.778	ng	0.00
Target Compounds						
						Qvalue
8) 2-Chlorophenol	8.161	128	7517	2.209	ng	# 58
19) n-Nitroso-di-n-propyla...	9.330	70	40351	12.812	ng	# 77
48) 2-Nitroaniline	13.896	65	2774	4.847	ng	# 1
57) 2,4-Dinitrotoluene	15.141	165	2539	5.196	ng	# 50
69) Atrazine	16.992	200	7684	3.479	ng	# 1
70) Pentachlorophenol	17.209	266	337	7.298	ng	# 1
75) Fluoranthene	19.589	202	79663	4.834	ng	92
78) Pyrene	19.947	202	72007	3.876	ng	# 92
80) Butylbenzylphthalate	20.805	149	2938	5.582	ng	# 1
81) Benzo(a)anthracene	21.810	228	36816	2.058	ng	# 94
83) Chrysene	21.810	228	36816	2.163	ng	96
84) Bis(2-ethylhexyl)phtha...	21.704	149	30887	7.239	ng	# 93
88) Benzo(b)fluoranthene	24.125	252	69660	3.839	ng	# 83
89) Benzo(k)fluoranthene	24.125	252	69660	3.720	ng	# 83
90) Benzo(a)pyrene	25.036	252	45616	2.929	ng	# 92
92) Benzo(g,h,i)perylene	30.288	276	35327	2.017	ng	97

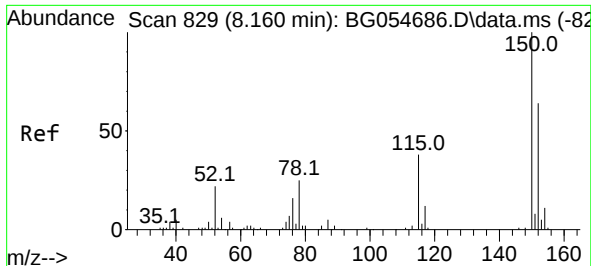
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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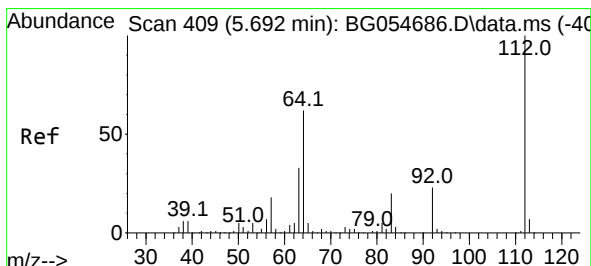
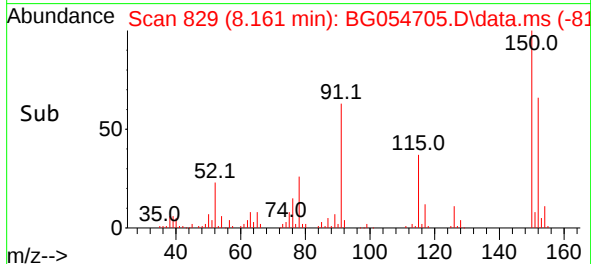
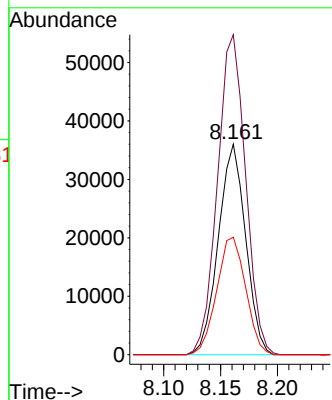
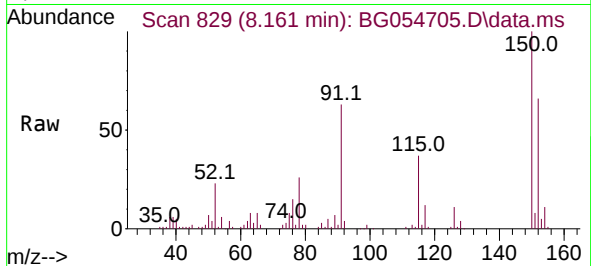




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

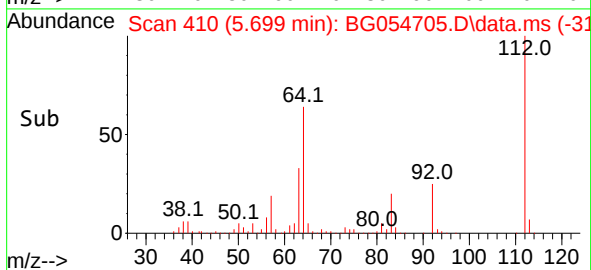
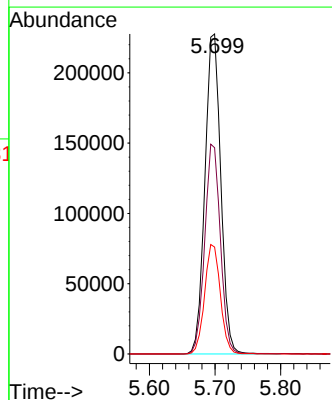
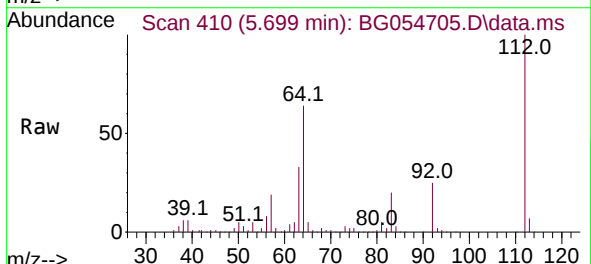
Instrument :
BNA_G
ClientSampleId :
280251

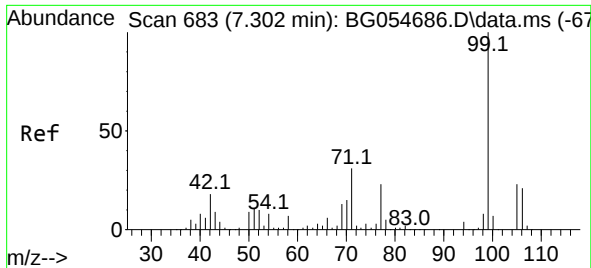
Tgt Ion:152 Resp: 60202
Ion Ratio Lower Upper
152 100
150 151.9 125.2 187.8
115 55.7 47.9 71.9



#5
2-Fluorophenol
Concen: 120.077 ng
RT: 5.699 min Scan# 410
Delta R.T. 0.008 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

Tgt Ion:112 Resp: 383613
Ion Ratio Lower Upper
112 100
64 64.4 49.3 73.9
63 33.4 26.3 39.5

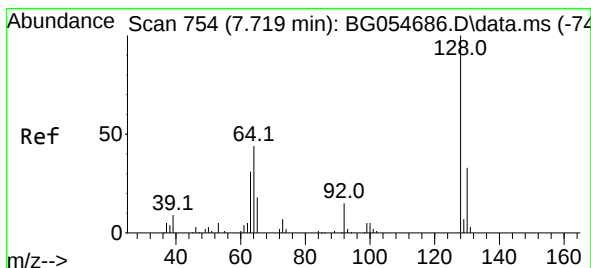
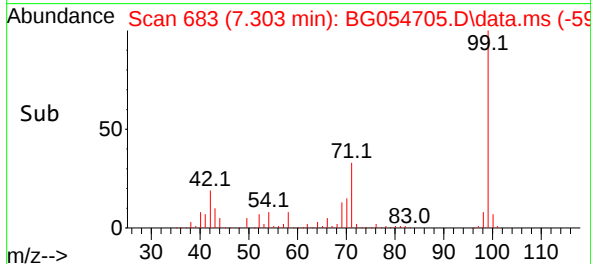
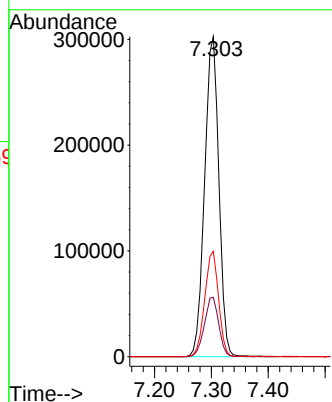
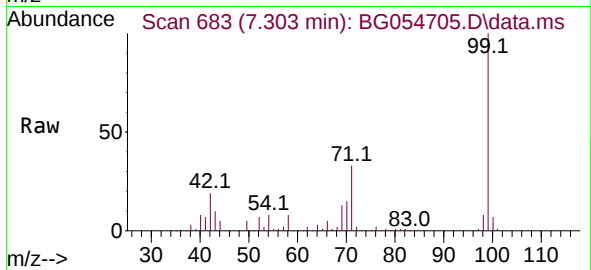




#7
Phenol-d6
Concen: 117.410 ng
RT: 7.303 min Scan# 611
Delta R.T. 0.002 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

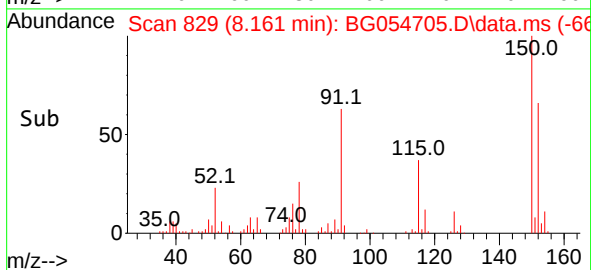
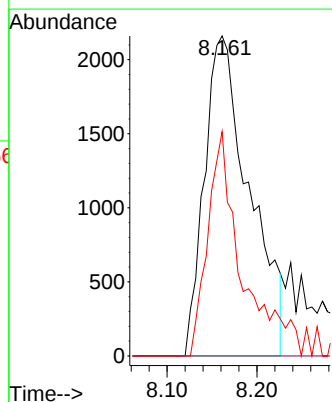
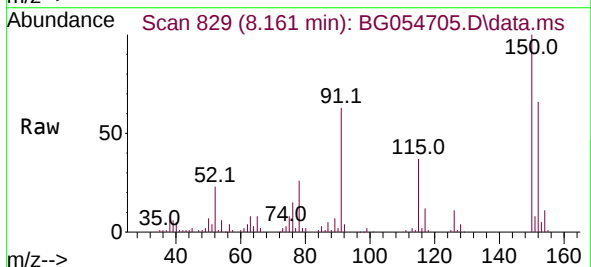
Instrument :
BNA_G
ClientSampleId :
280251

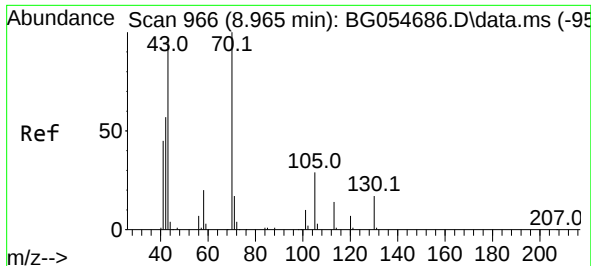
Tgt Ion: 99 Resp: 525581
Ion Ratio Lower Upper
99 100
42 18.6 14.6 22.0
71 33.0 24.6 37.0



#8
2-Chlorophenol
Concen: 2.209 ng
RT: 8.161 min Scan# 829
Delta R.T. 0.442 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

Tgt Ion:128 Resp: 7517
Ion Ratio Lower Upper
128 100
130 0.0 12.5 52.5#
64 70.1 28.6 68.6#

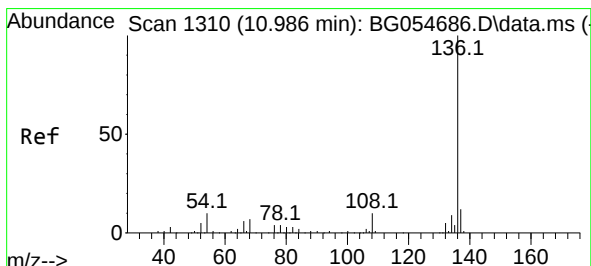
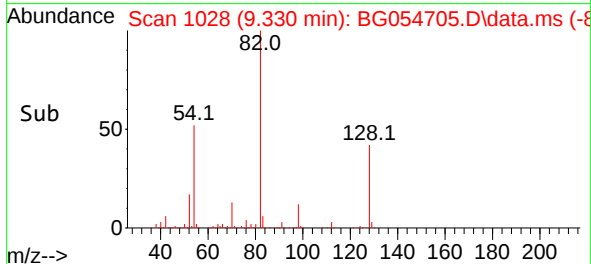
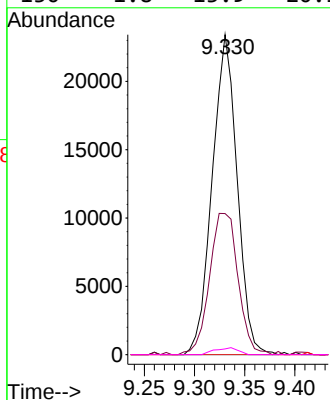
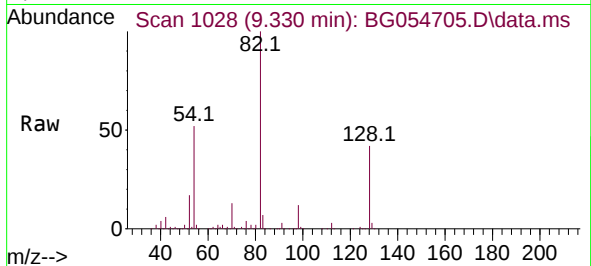




#19
n-Nitroso-di-n-propylamine
Concen: 12.812 ng
RT: 9.330 min Scan# 10
Delta R.T. 0.366 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

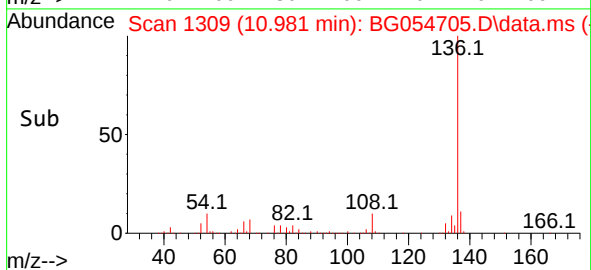
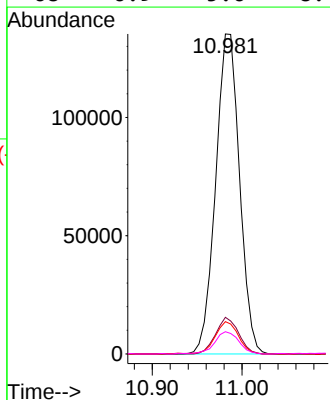
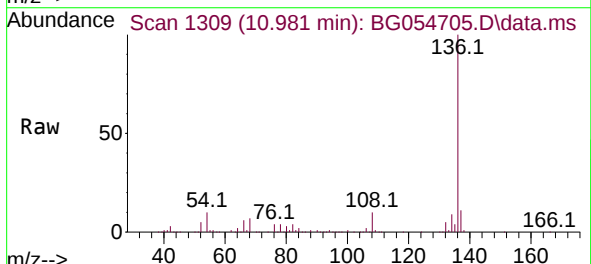
Instrument :
BNA_G
ClientSampleId :
280251

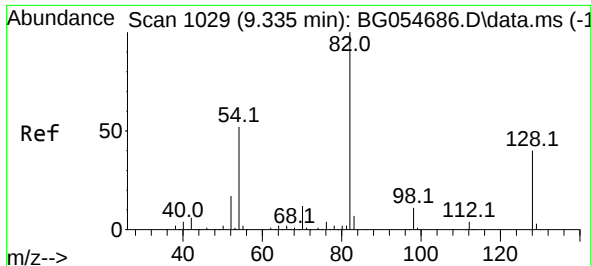
Tgt Ion: 70 Resp: 40351
Ion Ratio Lower Upper
70 100
42 44.1 46.6 69.8#
101 0.0 7.7 11.5#
130 1.8 13.9 20.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1309
Delta R.T. -0.005 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

Tgt Ion:136 Resp: 249790
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 10.1 7.7 11.5
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 73.285 ng

RT: 9.330 min Scan# 1029

Delta R.T. -0.004 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

Instrument :

BNA_G

ClientSampleId :

280251

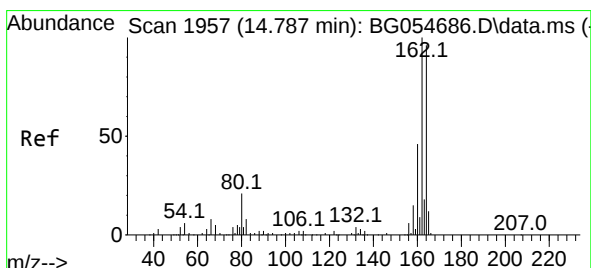
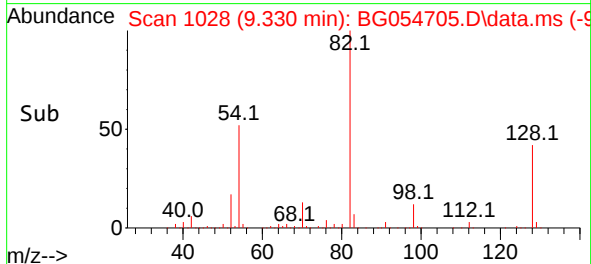
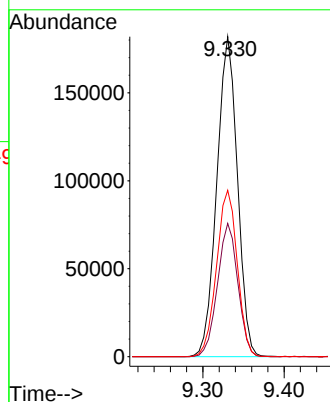
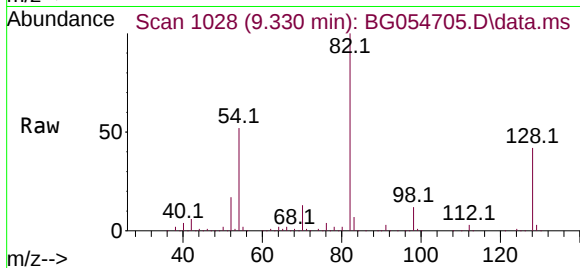
Tgt Ion: 82 Resp: 321216

Ion Ratio Lower Upper

82 100

128 41.6 32.2 48.2

54 52.0 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.795 min Scan# 1958

Delta R.T. 0.008 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

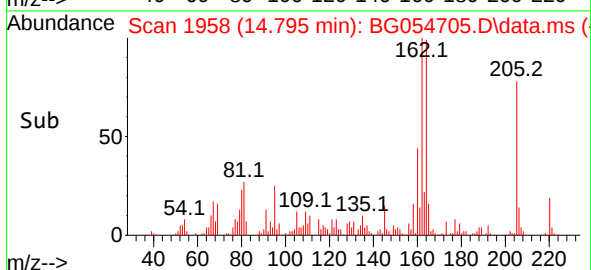
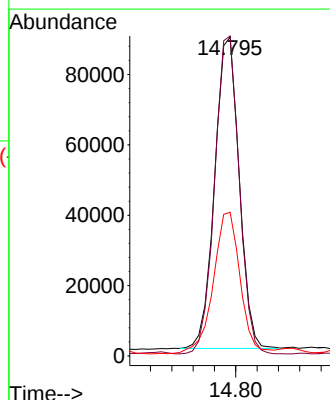
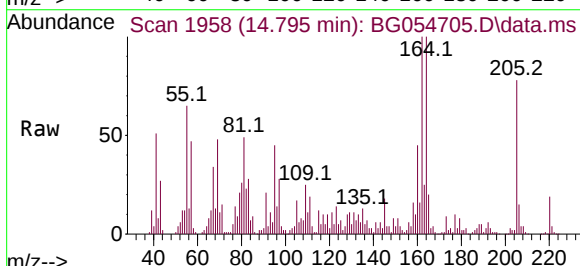
Tgt Ion: 164 Resp: 140705

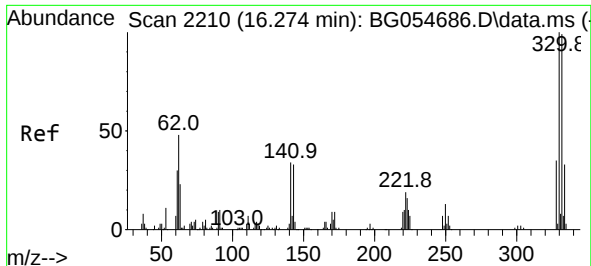
Ion Ratio Lower Upper

164 100

162 100.4 83.0 124.4

160 45.1 38.0 57.0

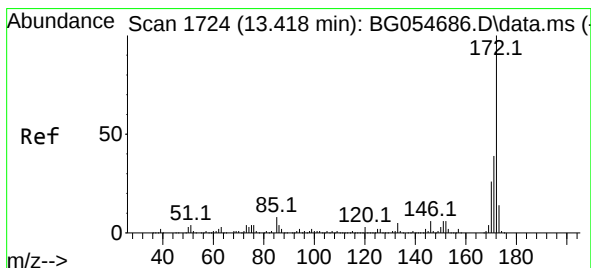
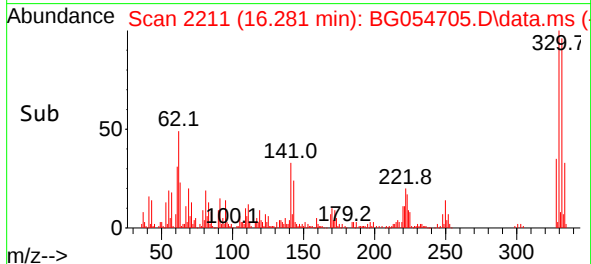
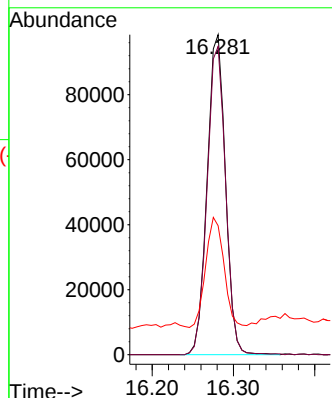
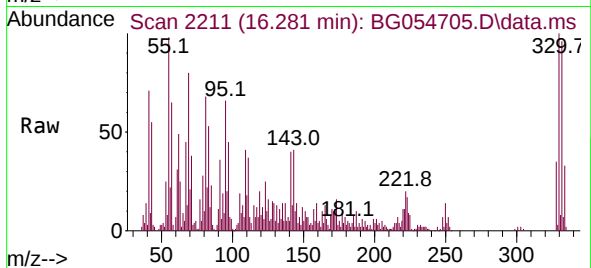




#42
2,4,6-Tribromophenol
Concen: 136.452 ng
RT: 16.281 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

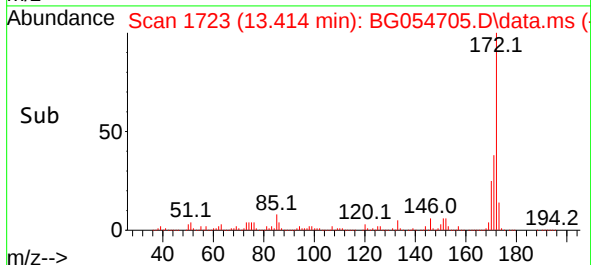
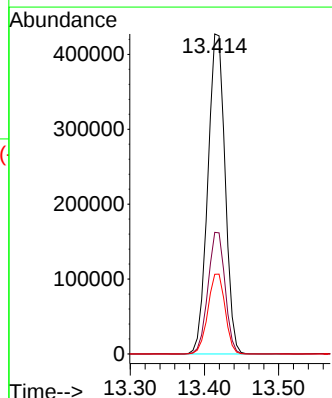
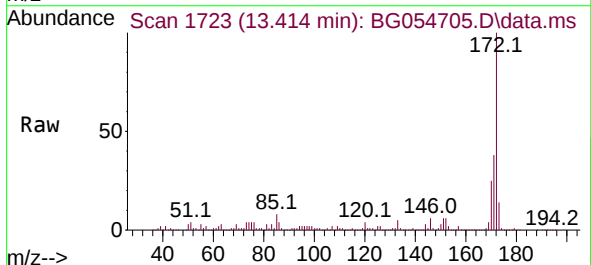
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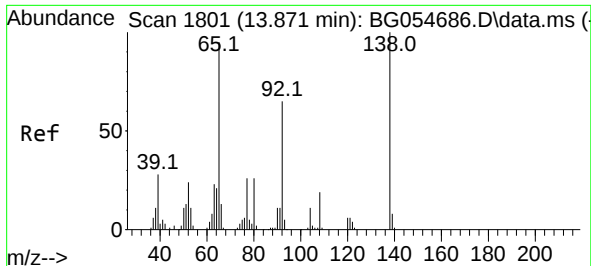
Tgt Ion:330 Resp: 153757
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 34.5 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 72.235 ng
RT: 13.414 min Scan# 1723
Delta R.T. -0.004 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

Tgt Ion:172 Resp: 689211
Ion Ratio Lower Upper
172 100
171 38.0 31.2 46.8
170 24.9 20.6 30.8

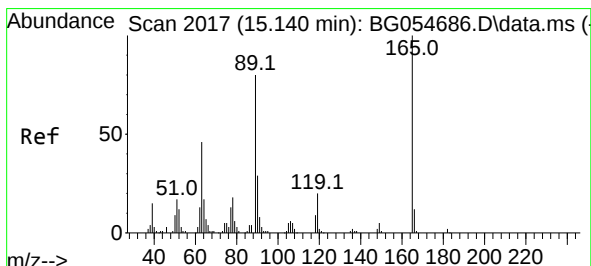
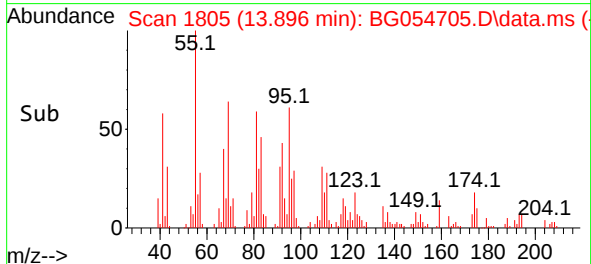
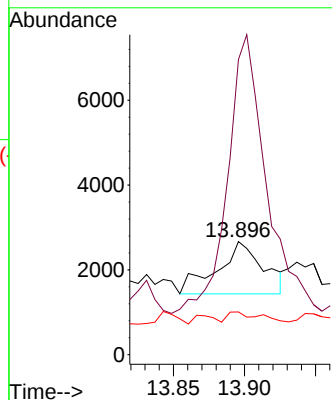
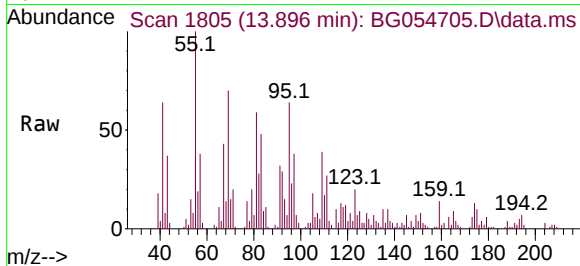




#48
2-Nitroaniline
Concen: 4.847 ng
RT: 13.896 min Scan# 1805
Delta R.T. 0.025 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

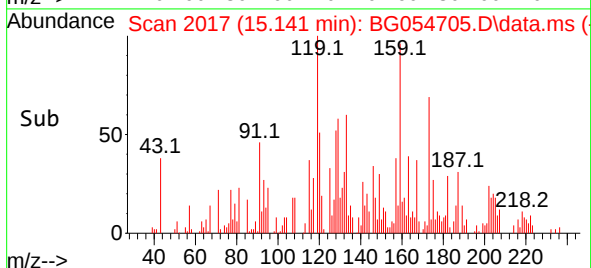
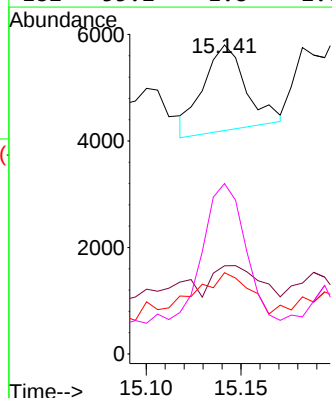
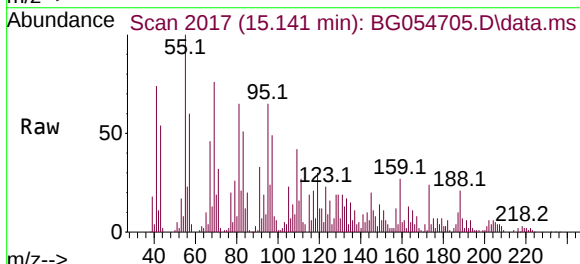
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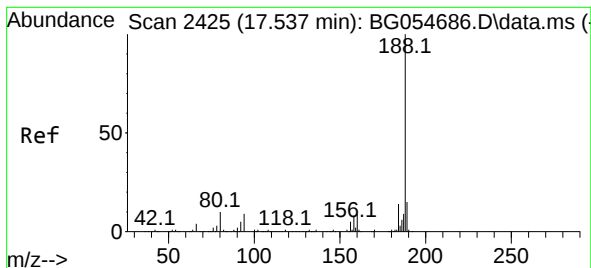
Tgt Ion: 65 Resp: 2774
Ion Ratio Lower Upper
65 100
92 260.9 54.7 82.1#
138 37.8 84.1 126.1#



#57
2,4-Dinitrotoluene
Concen: 5.196 ng
RT: 15.141 min Scan# 2017
Delta R.T. 0.001 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

Tgt Ion:165 Resp: 2539
Ion Ratio Lower Upper
165 100
63 28.5 36.8 55.2#
89 26.3 64.3 96.5#
182 55.2 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.544 min Scan# 24

Delta R.T. 0.007 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

Instrument :

BNA_G

ClientSampleId :

280251

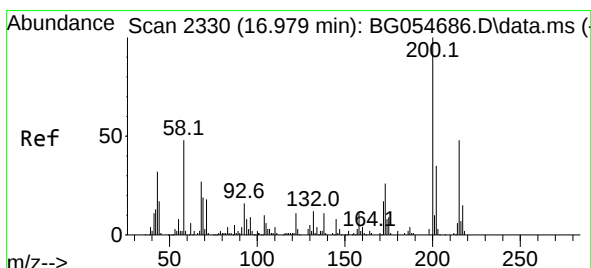
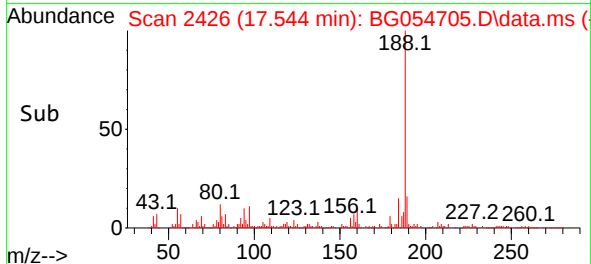
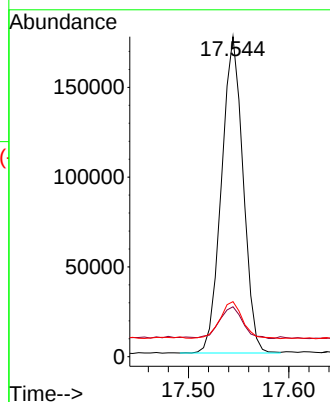
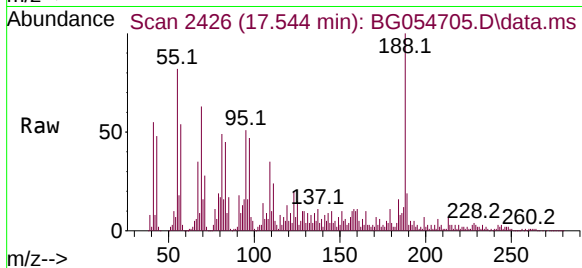
Tgt Ion:188 Resp: 262265

Ion Ratio Lower Upper

188 100

94 15.6 7.0 10.4#

80 17.2 7.9 11.9#



#69

Atrazine

Concen: 3.479 ng

RT: 16.992 min Scan# 2332

Delta R.T. 0.013 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

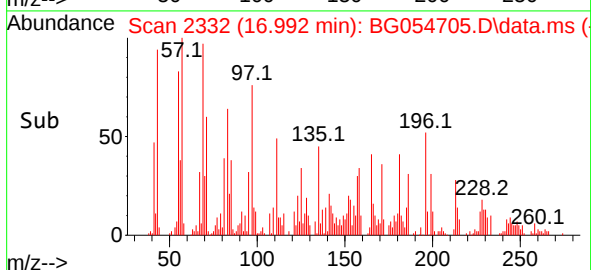
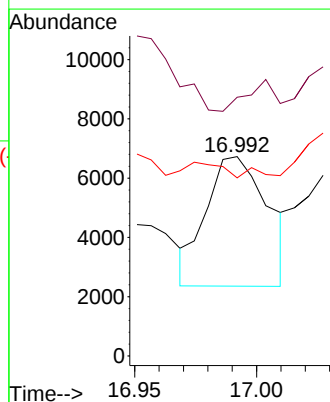
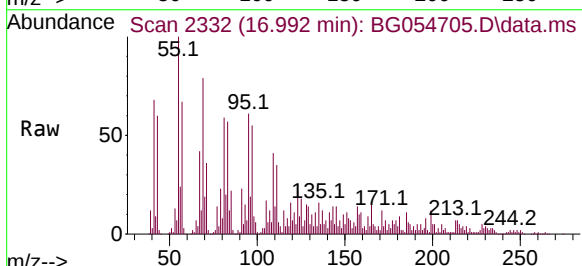
Tgt Ion:200 Resp: 7684

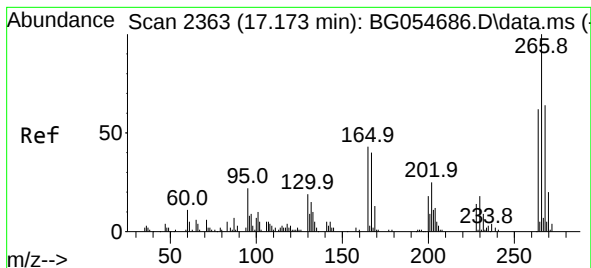
Ion Ratio Lower Upper

200 100

173 129.8 5.6 45.6#

215 89.3 28.2 68.2#





#70

Pentachlorophenol

Concen: 7.298 ng

RT: 17.209 min Scan# 21

Delta R.T. 0.036 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

Instrument :

BNA_G

ClientSampleId :

280251

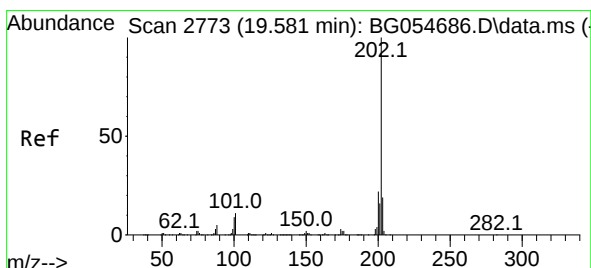
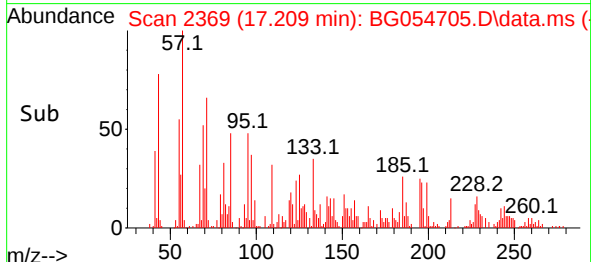
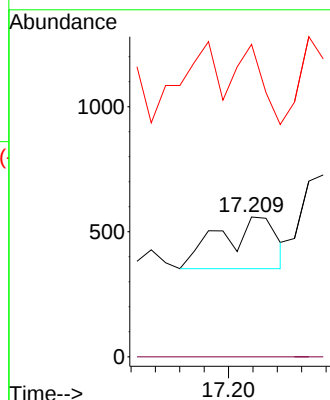
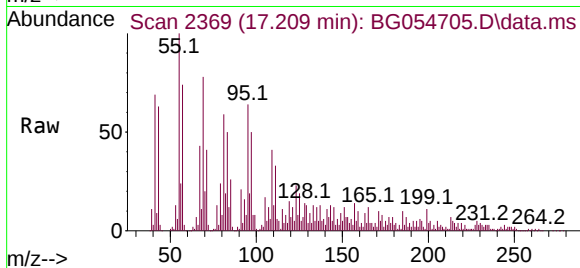
Tgt Ion:266 Resp: 337

Ion Ratio Lower Upper

266 100

268 0.0 51.2 76.8#

264 223.4 49.4 74.0#



#75

Fluoranthene

Concen: 4.834 ng

RT: 19.589 min Scan# 2774

Delta R.T. 0.008 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

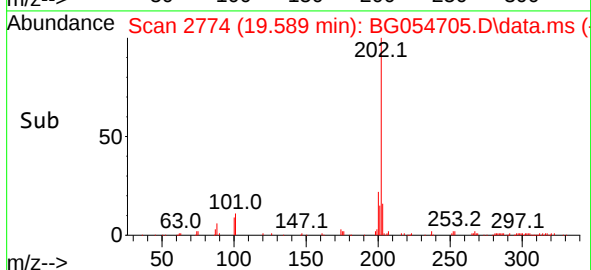
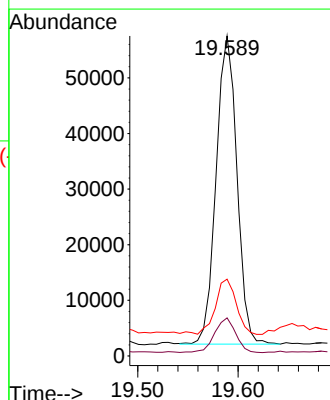
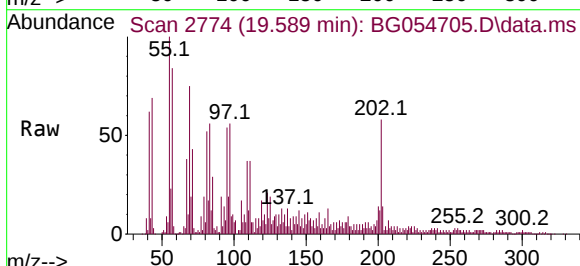
Tgt Ion:202 Resp: 79663

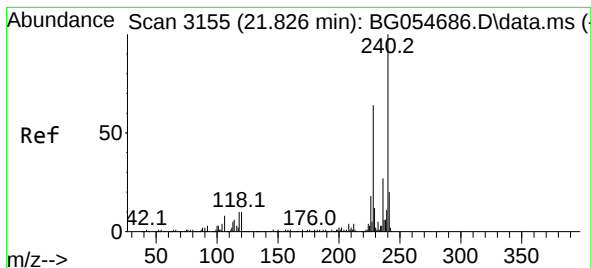
Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.4

203 24.0 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.833 min Scan# 3155

Delta R.T. 0.008 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

Instrument :

BNA_G

ClientSampleId :

280251

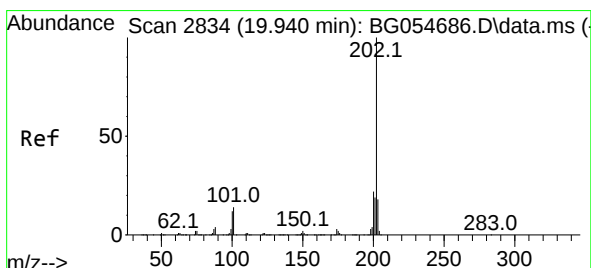
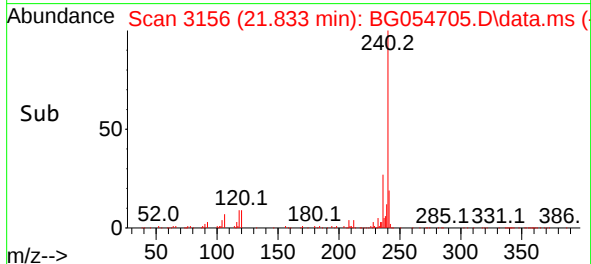
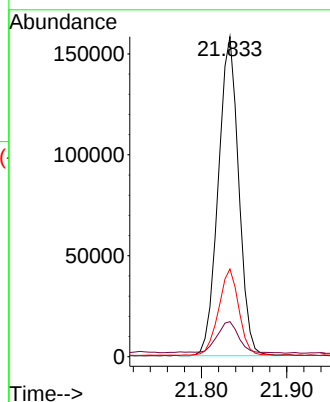
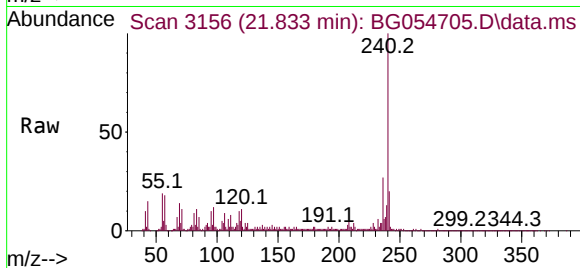
Tgt Ion:240 Resp: 263351

Ion Ratio Lower Upper

240 100

120 11.0 8.2 12.4

236 27.4 21.2 31.8



#78

Pyrene

Concen: 3.876 ng

RT: 19.947 min Scan# 2835

Delta R.T. 0.008 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

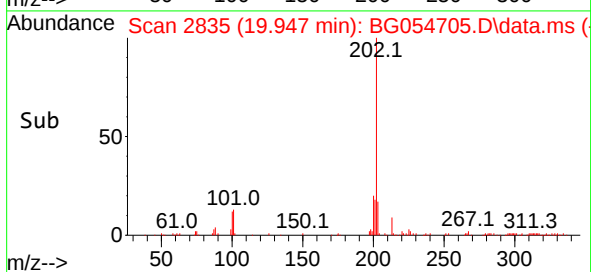
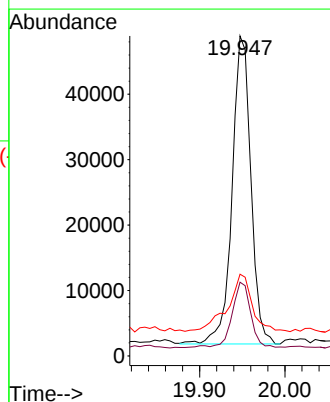
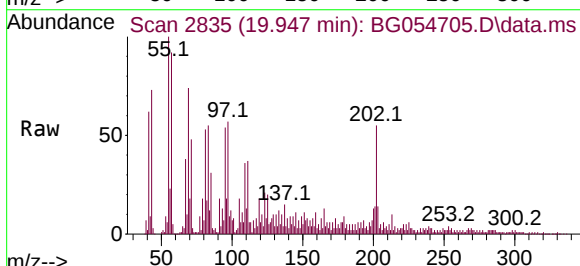
Tgt Ion:202 Resp: 72007

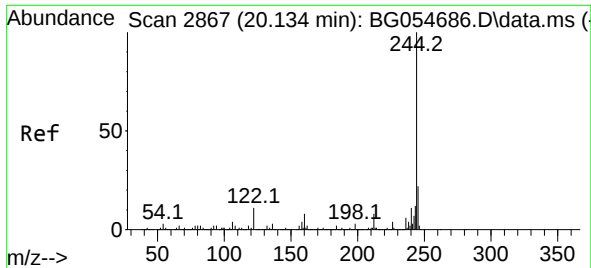
Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.6

203 25.6 14.6 21.8#

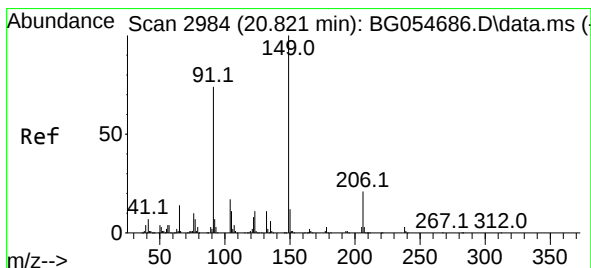
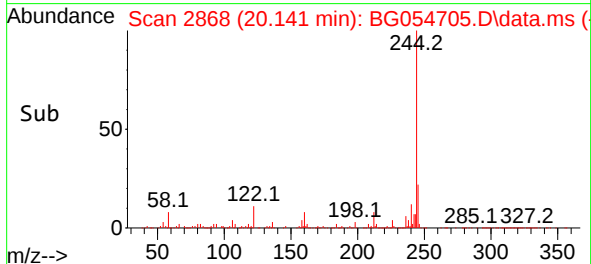
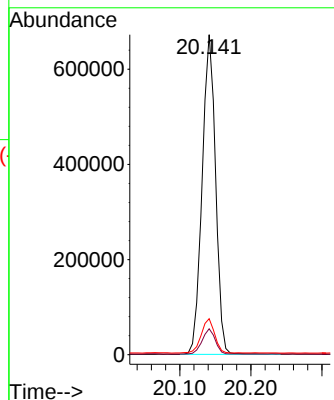
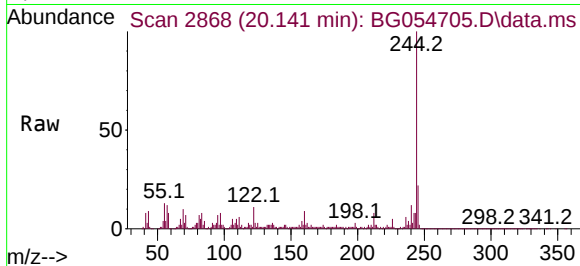




#79
 Terphenyl-d14
 Concen: 66.778 ng
 RT: 20.141 min Scan# 2867
 Delta R.T. 0.008 min
 Lab File: BG054705.D
 Acq: 23 Aug 2022 13:20

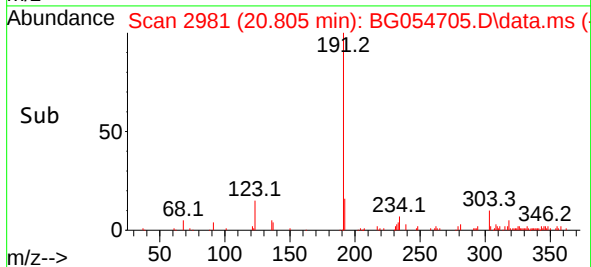
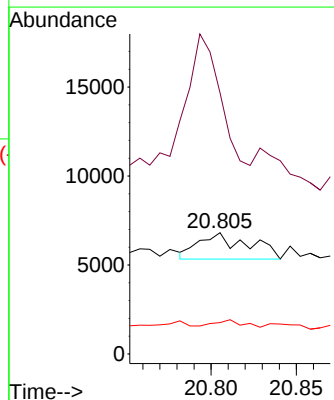
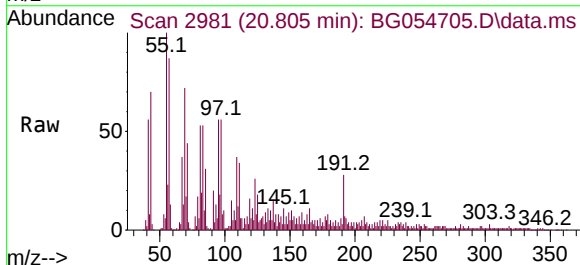
Instrument :
 BNA_G
 ClientSampleId :
 280251

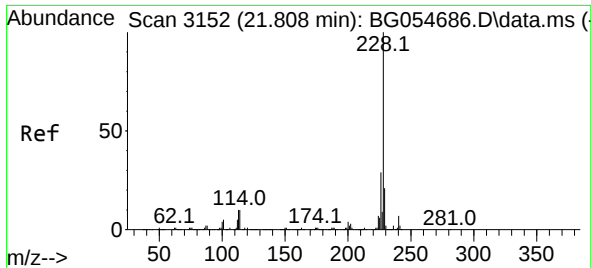
Tgt Ion:244 Resp: 885288
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 11.3 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 5.582 ng
 RT: 20.805 min Scan# 2981
 Delta R.T. -0.016 min
 Lab File: BG054705.D
 Acq: 23 Aug 2022 13:20

Tgt Ion:149 Resp: 2938
 Ion Ratio Lower Upper
 149 100
 91 215.4 59.5 89.3#
 206 25.9 16.6 25.0#

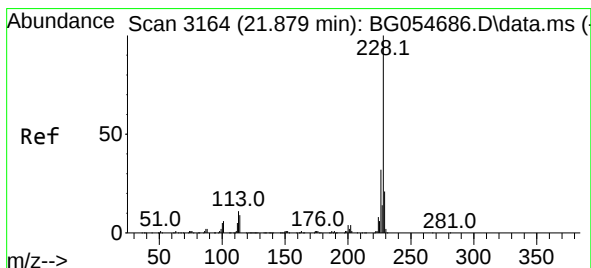
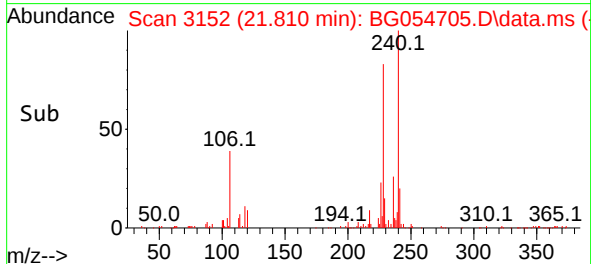
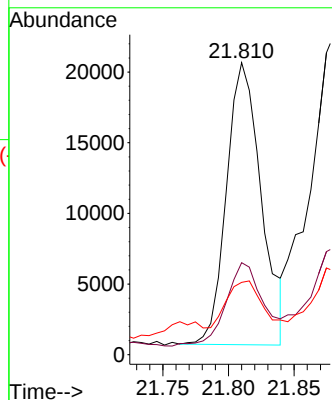
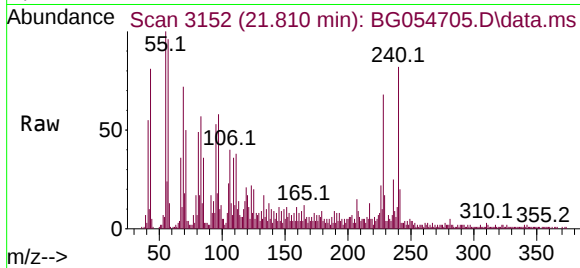




#81
Benzo(a)anthracene
Concen: 2.058 ng
RT: 21.810 min Scan# 3152
Delta R.T. 0.002 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

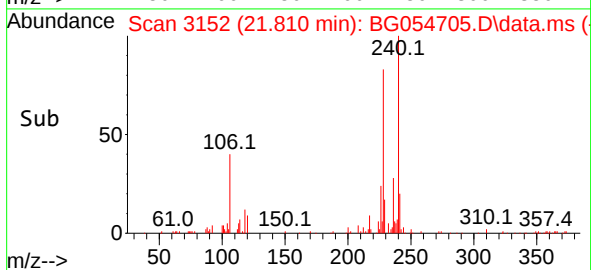
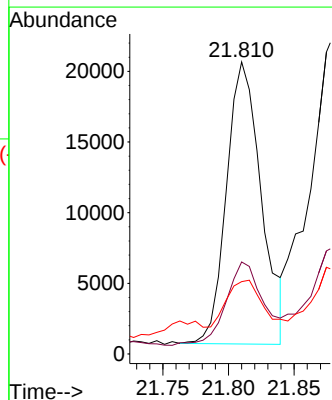
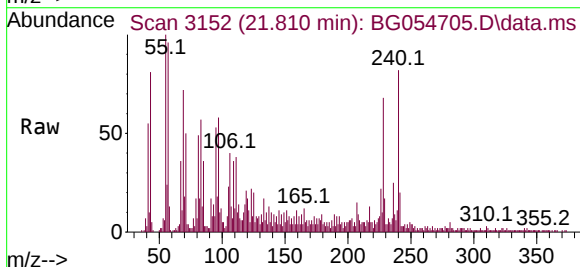
Instrument :
BNA_G
ClientSampleId :
280251

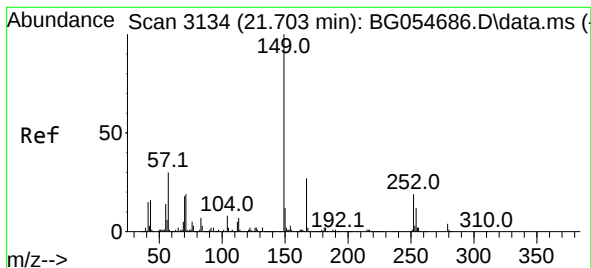
Tgt Ion:228 Resp: 36816
Ion Ratio Lower Upper
228 100
226 31.5 23.4 35.2
229 24.8 16.5 24.7#



#83
Chrysene
Concen: 2.163 ng
RT: 21.810 min Scan# 3152
Delta R.T. -0.069 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

Tgt Ion:228 Resp: 36816
Ion Ratio Lower Upper
228 100
226 31.5 25.5 38.3
229 24.8 16.8 25.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.239 ng

RT: 21.704 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

Instrument :

BNA_G

ClientSampleId :

280251

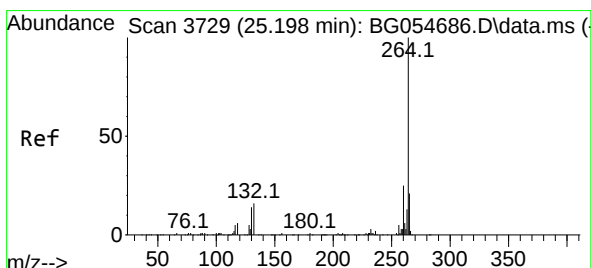
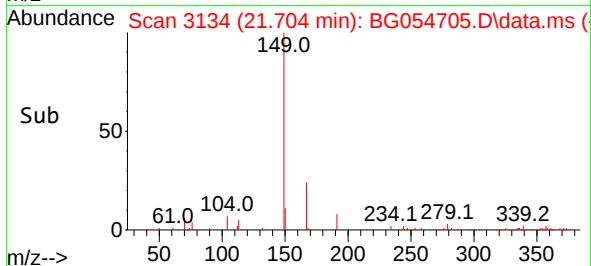
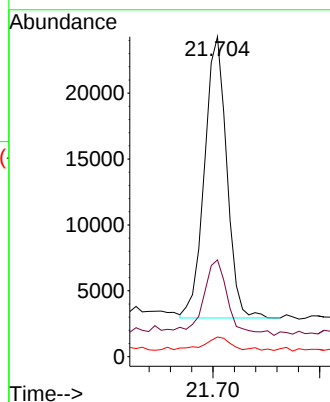
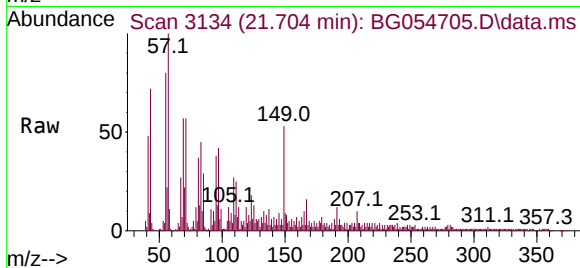
Tgt Ion:149 Resp: 30887

Ion Ratio Lower Upper

149 100

167 30.3 21.4 32.0

279 6.2 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.206 min Scan# 3730

Delta R.T. 0.008 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

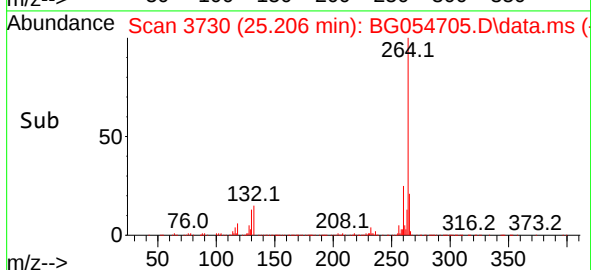
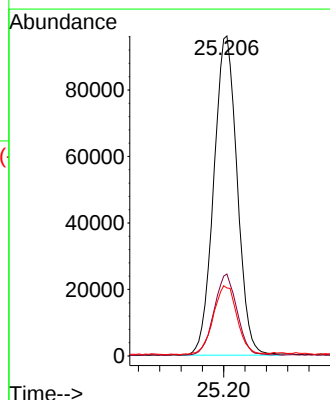
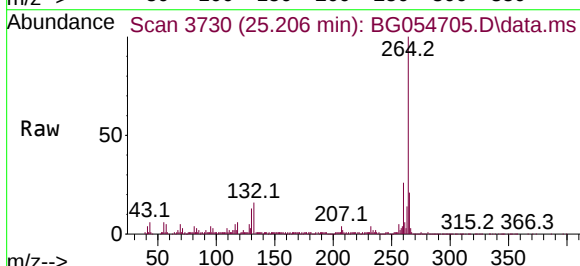
Tgt Ion:264 Resp: 292245

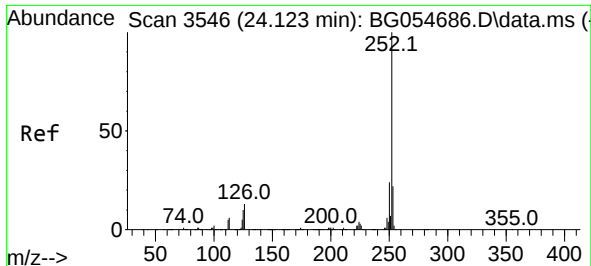
Ion Ratio Lower Upper

264 100

260 25.6 19.9 29.9

265 21.3 16.9 25.3

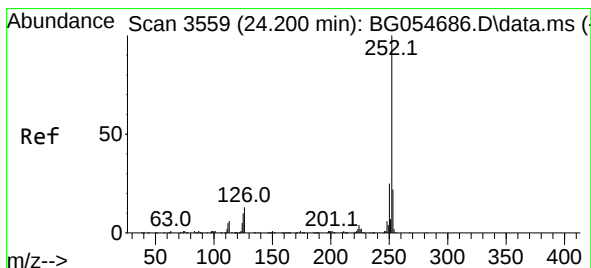
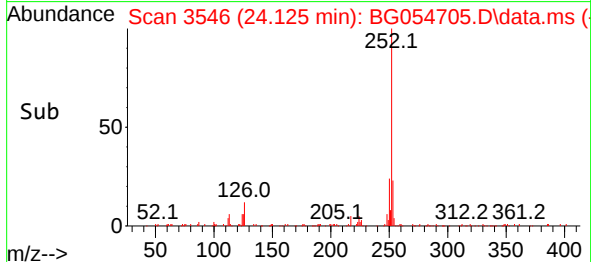
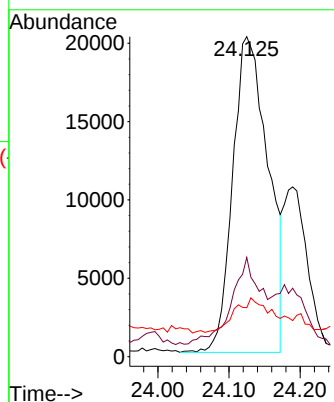
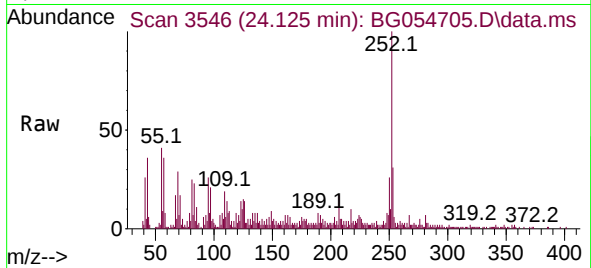




#88
Benzo(b)fluoranthene
Concen: 3.839 ng
RT: 24.125 min Scan# 3546
Delta R.T. 0.002 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

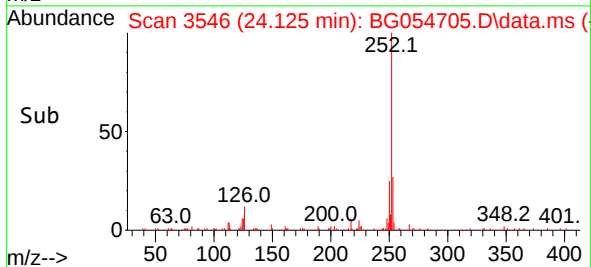
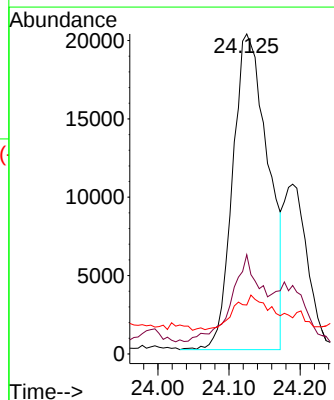
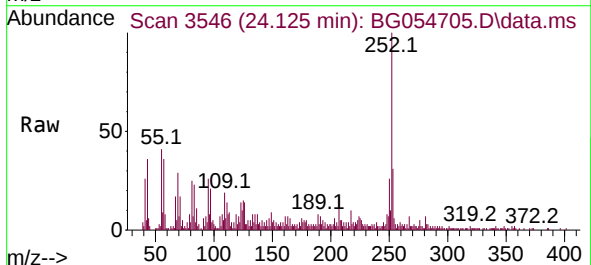
Instrument :
BNA_G
ClientSampleId :
280251

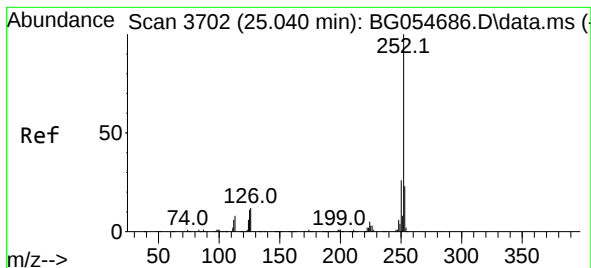
Tgt Ion:252 Resp: 69660
Ion Ratio Lower Upper
252 100
253 31.0 18.0 27.0#
125 15.3 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 3.720 ng
RT: 24.125 min Scan# 3546
Delta R.T. -0.075 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

Tgt Ion:252 Resp: 69660
Ion Ratio Lower Upper
252 100
253 31.0 17.8 26.8#
125 15.3 8.2 12.4#





#90

Benzo(a)pyrene

Concen: 2.929 ng

RT: 25.036 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

Instrument :

BNA_G

ClientSampleId :

280251

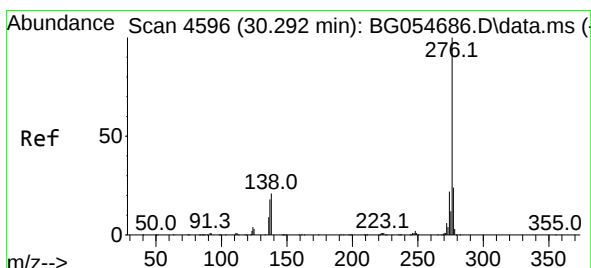
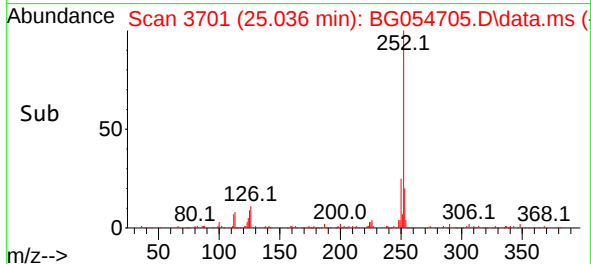
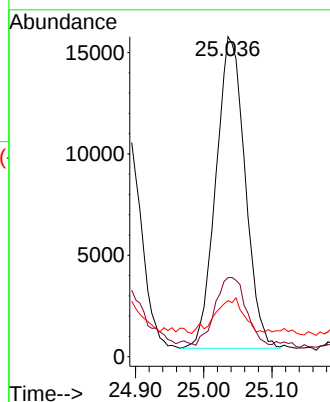
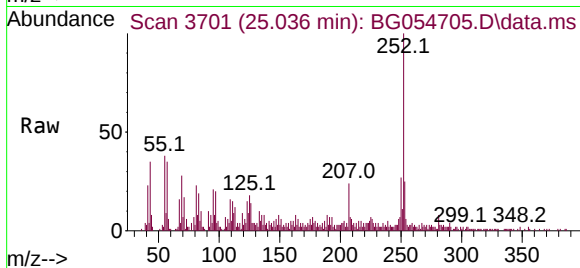
Tgt Ion:252 Resp: 45616

Ion Ratio Lower Upper

252 100

253 24.7 18.3 27.5

125 17.5 8.8 13.2#



#92

Benzo(g,h,i)perylene

Concen: 2.017 ng

RT: 30.288 min Scan# 4595

Delta R.T. -0.004 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

Tgt Ion:276 Resp: 35327

Ion Ratio Lower Upper

276 100

277 26.2 19.4 29.0

138 20.1 16.6 25.0

