

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055675.D
 Acq On : 17 Nov 2022 21:21
 Operator : CG/JU
 Sample : N5607-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-37

Quant Time: Nov 18 03:17:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

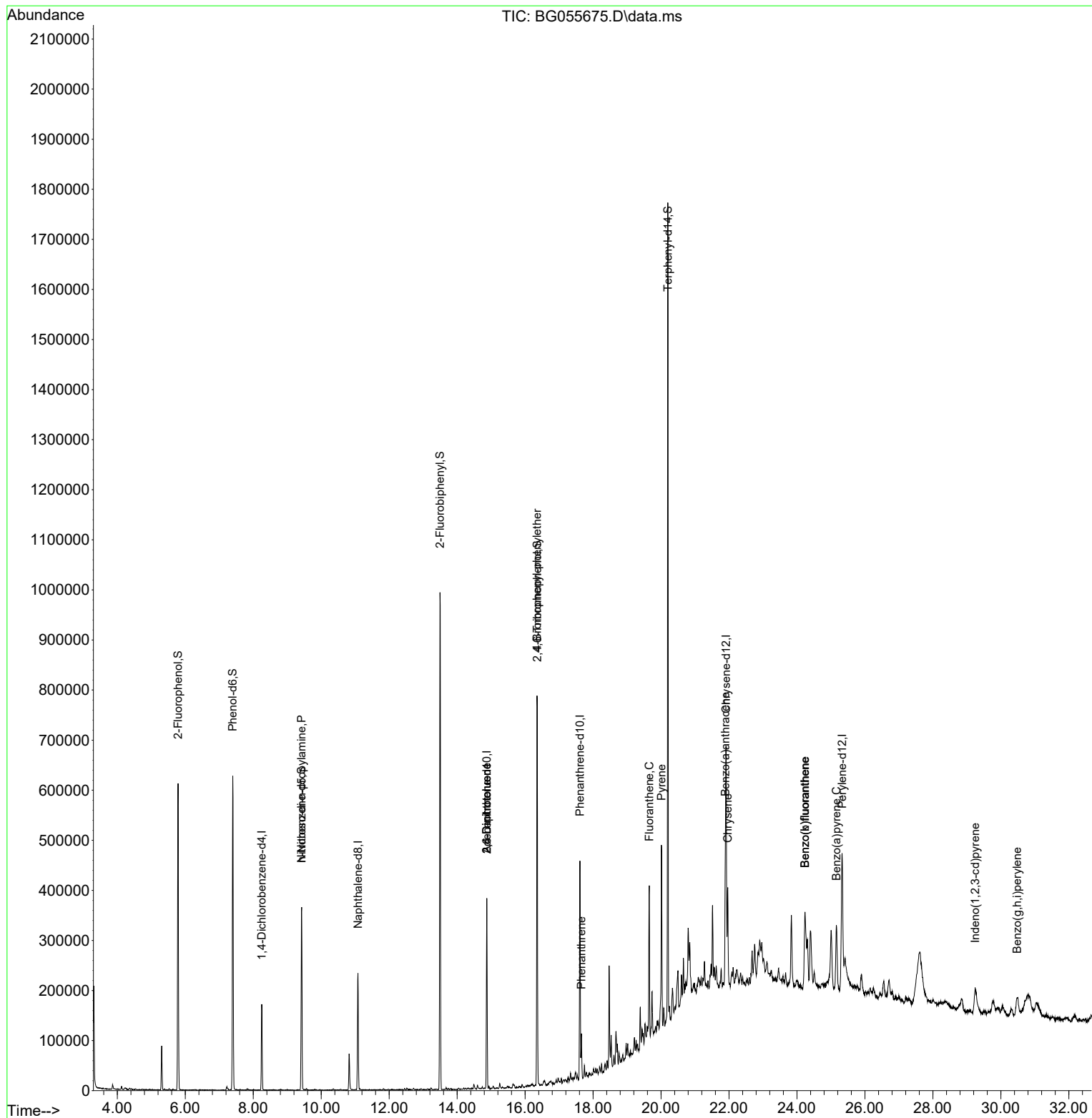
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.250	152	49410	20.000	ng	0.00
21) Naphthalene-d8	11.082	136	201327	20.000	ng	0.00
39) Acenaphthene-d10	14.872	164	134642	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	284145	20.000	ng	0.00
76) Chrysene-d12	21.916	240	275969	20.000	ng	0.00
86) Perylene-d12	25.330	264	302224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	266176	97.373	ng	0.00
7) Phenol-d6	7.398	99	346770	95.297	ng	0.00
23) Nitrobenzene-d5	9.425	82	217949	57.219	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	167282	88.232	ng	0.00
45) 2-Fluorobiphenyl	13.497	172	535897	59.628	ng	0.00
79) Terphenyl-d14	20.201	244	799084	57.915	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.425	70	29940	10.709	ng	# 77
51) 2,6-Dinitrotoluene	14.872	165	17513	7.980	ng	# 27
57) 2,4-Dinitrotoluene	14.872	165	17513	5.660	ng	# 25
67) 4-Bromophenyl-phenylether	16.352	248	10773	3.328	ng	# 1
71) Phenanthrene	17.657	178	56147	3.662	ng	96
75) Fluoranthene	19.654	202	181293	9.718	ng	99
78) Pyrene	20.013	202	238274	12.756	ng	99
81) Benzo(a)anthracene	21.893	228	154083	8.106	ng	100
83) Chrysene	21.963	228	158475	8.758	ng	98
87) Indeno(1,2,3-cd)pyrene	29.243	276	98868	3.993	ng	96
88) Benzo(b)fluoranthene	24.237	252	202653	10.296	ng	# 96
89) Benzo(k)fluoranthene	24.237	252	202653	10.329	ng	# 96
90) Benzo(a)pyrene	25.160	252	163767	9.696	ng	98
92) Benzo(g,h,i)perylene	30.477	276	112609	5.522	ng	98

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

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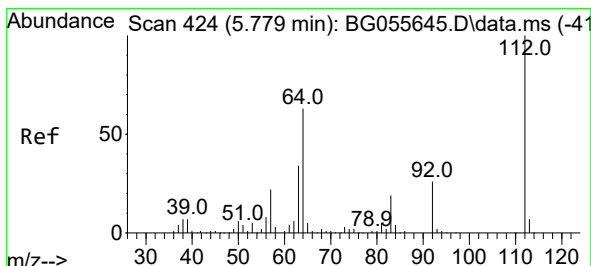
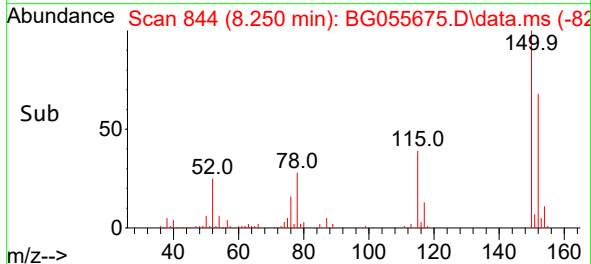
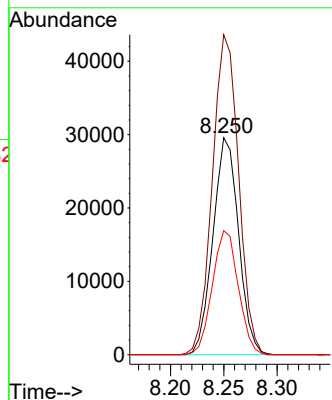
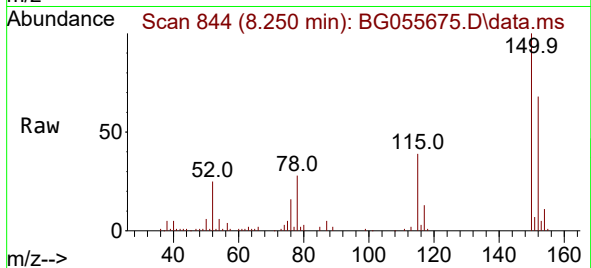




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.250 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

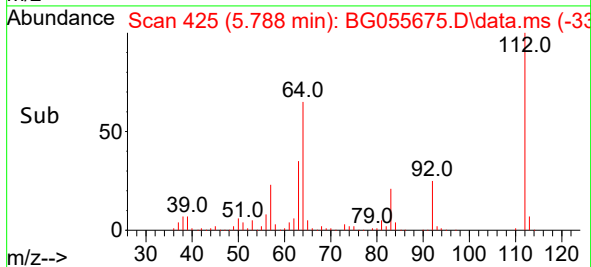
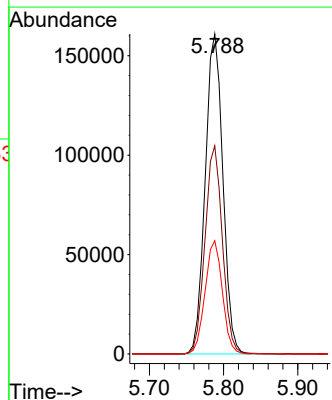
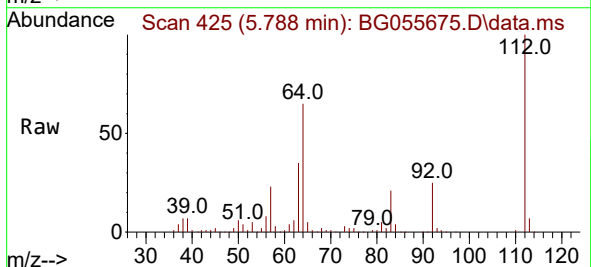
Instrument :
BNA_G
ClientSampleId :
SB-37

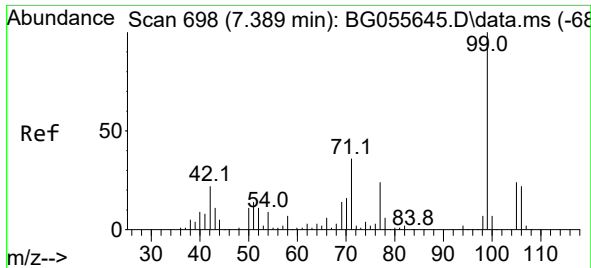
Tgt Ion:152 Resp: 49410
Ion Ratio Lower Upper
152 100
150 147.5 123.0 184.6
115 57.2 47.0 70.4



#5
2-Fluorophenol
Concen: 97.373 ng
RT: 5.788 min Scan# 425
Delta R.T. 0.009 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Tgt Ion:112 Resp: 266176
Ion Ratio Lower Upper
112 100
64 65.0 50.6 76.0
63 35.4 27.5 41.3

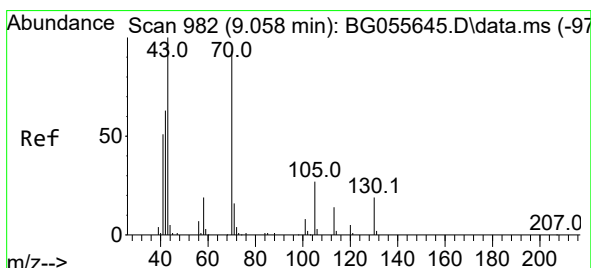
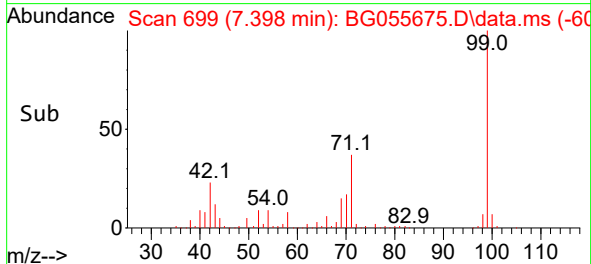
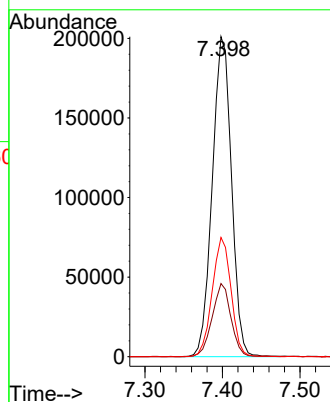
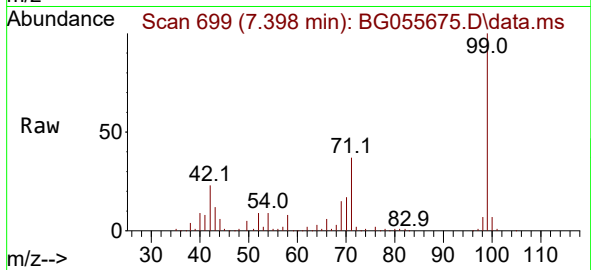




#7
Phenol-d6
Concen: 95.297 ng
RT: 7.398 min Scan# 61
Delta R.T. 0.009 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

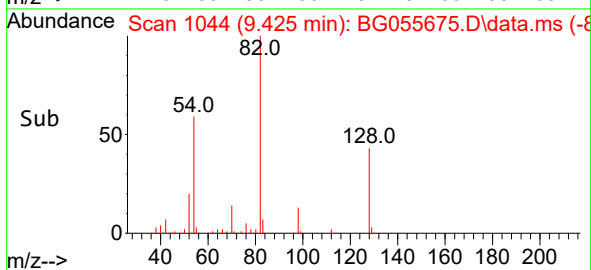
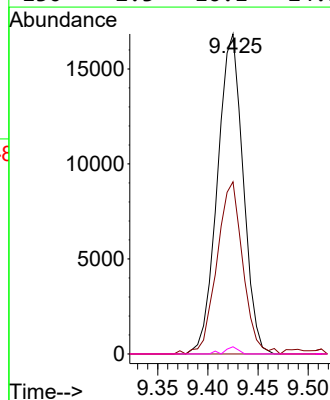
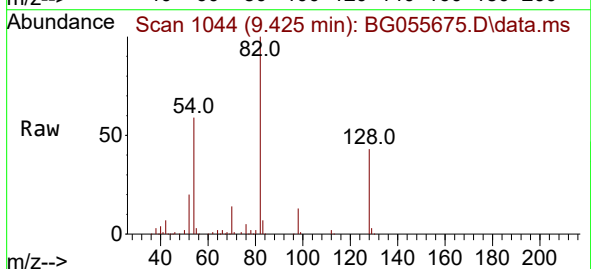
Instrument :
BNA_G
ClientSampleId :
SB-37

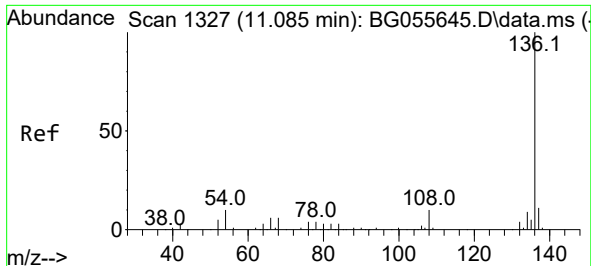
Tgt Ion: 99 Resp: 346770
Ion Ratio Lower Upper
99 100
42 22.9 18.0 27.0
71 37.2 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.709 ng
RT: 9.425 min Scan# 1044
Delta R.T. 0.367 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Tgt Ion: 70 Resp: 29940
Ion Ratio Lower Upper
70 100
42 53.8 55.2 82.8#
101 0.0 7.1 10.7#
130 2.3 16.1 24.1#



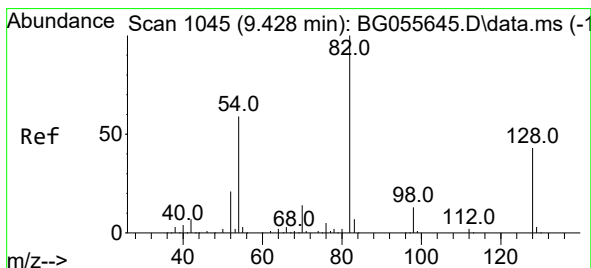
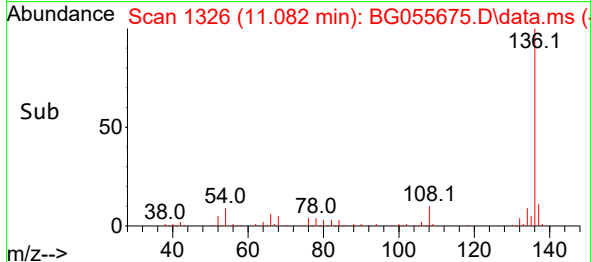
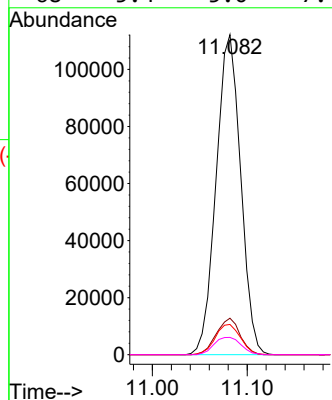
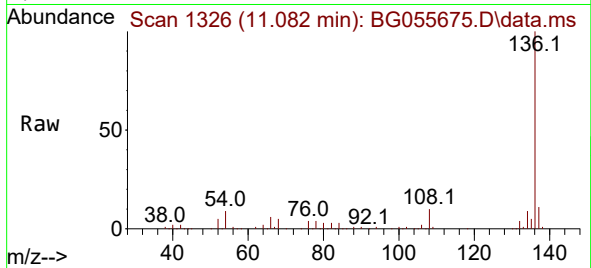


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.082 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Instrument :
BNA_G
ClientSampleId :
SB-37

Tgt Ion:136 Resp: 201327

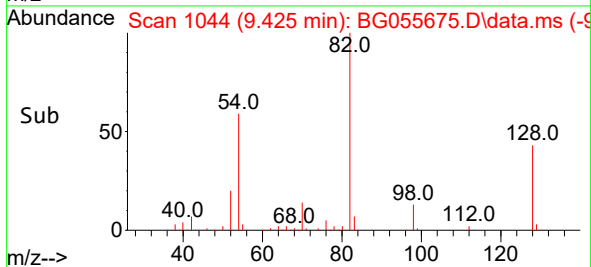
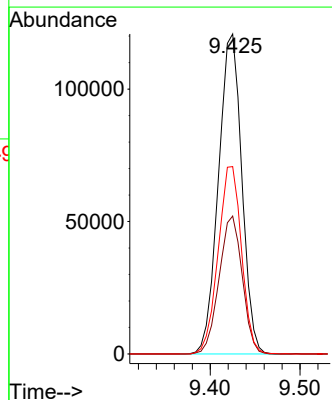
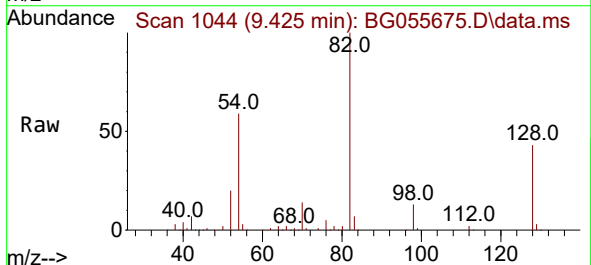
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.4	7.8	11.6
68	5.4	5.0	7.4

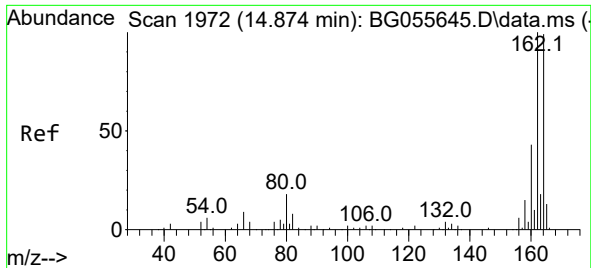


#23
Nitrobenzene-d5
Concen: 57.219 ng
RT: 9.425 min Scan# 1044
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Tgt Ion: 82 Resp: 217949

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.1	51.1
54	58.6	47.3	70.9

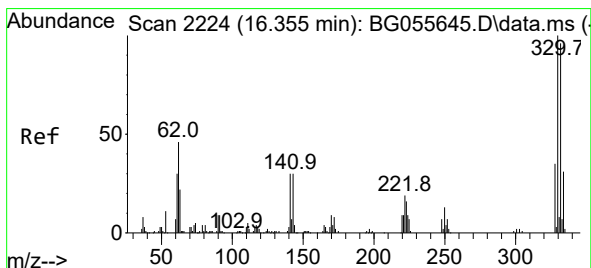
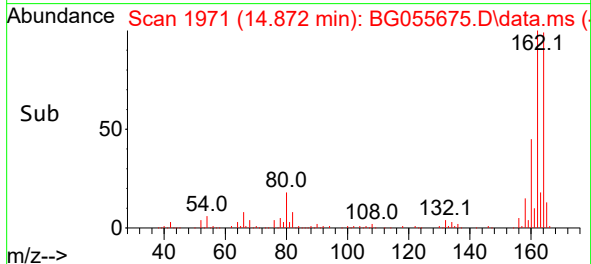
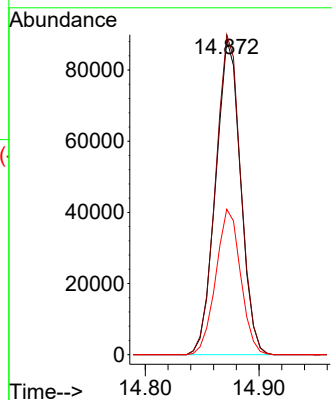
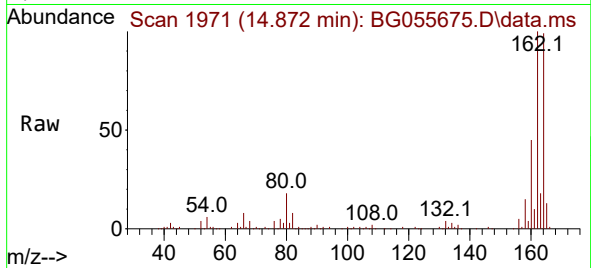




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.872 min Scan# 1972
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

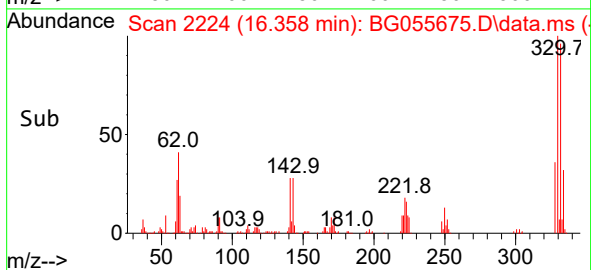
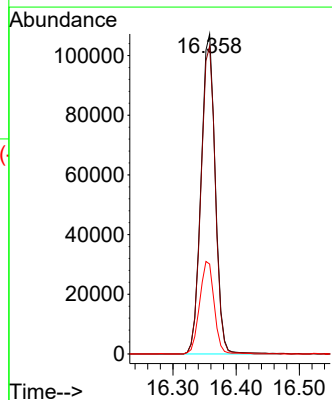
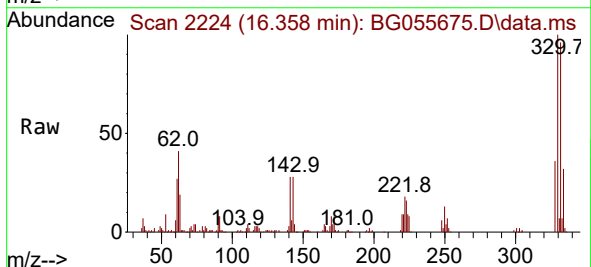
Instrument :
BNA_G
ClientSampleId :
SB-37

Tgt Ion:164 Resp: 134642
Ion Ratio Lower Upper
164 100
162 101.4 81.1 121.7
160 46.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 88.232 ng
RT: 16.358 min Scan# 2224
Delta R.T. 0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Tgt Ion:330 Resp: 167282
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 29.7 23.9 35.9

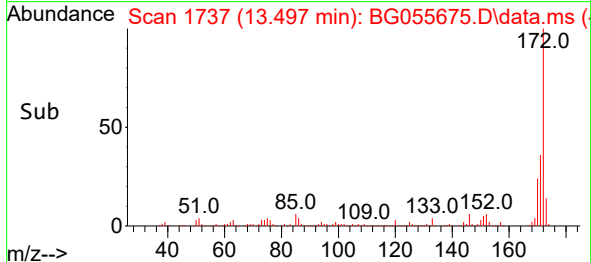
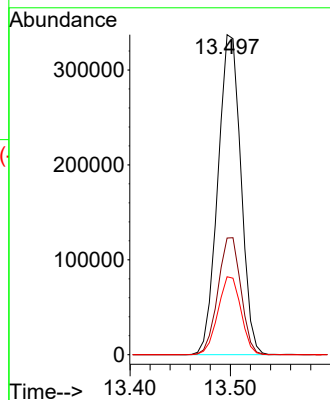
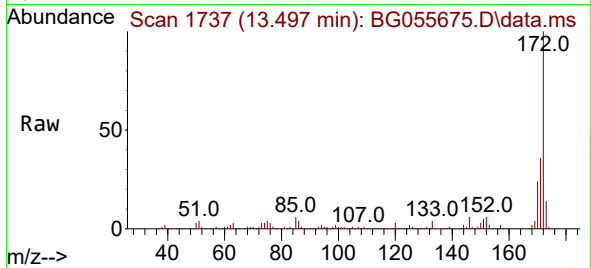




#45
2-Fluorobiphenyl
Concen: 59.628 ng
RT: 13.497 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

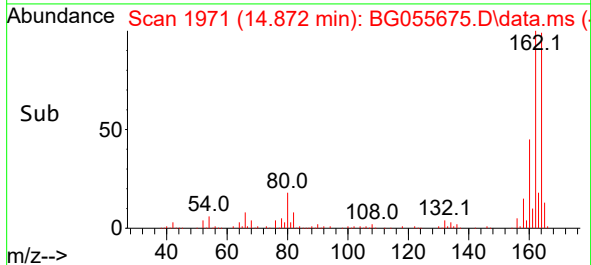
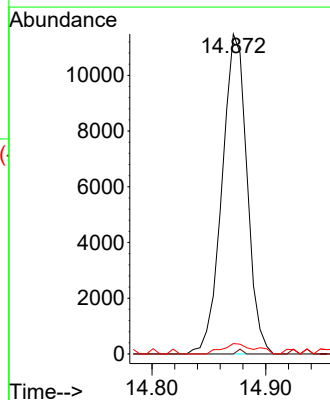
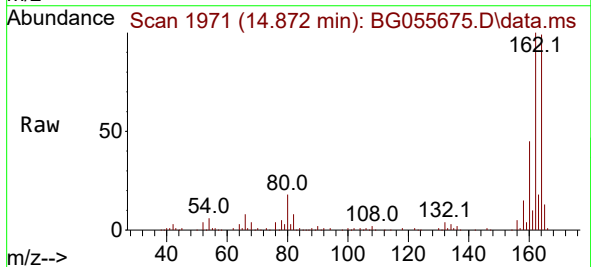
Instrument :
BNA_G
ClientSampleId :
SB-37

Tgt Ion:172 Resp: 535897
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.3 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.980 ng
RT: 14.872 min Scan# 1971
Delta R.T. 0.432 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Tgt Ion:165 Resp: 17513
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 3.2 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.660 ng

RT: 14.872 min Scan# 1971

Delta R.T. -0.349 min

Lab File: BG055675.D

Acq: 17 Nov 2022 21:21

Instrument :

BNA_G

ClientSampleId :

SB-37

Tgt Ion:165 Resp: 17513

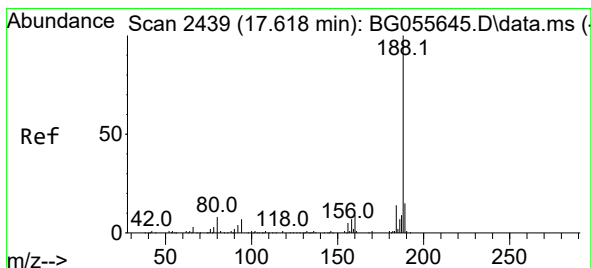
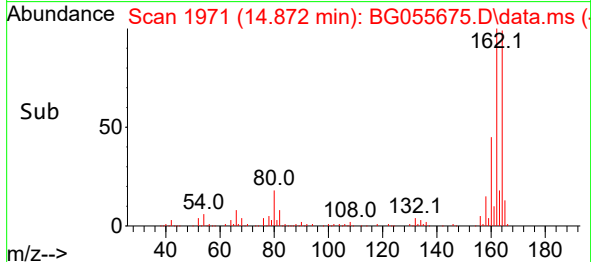
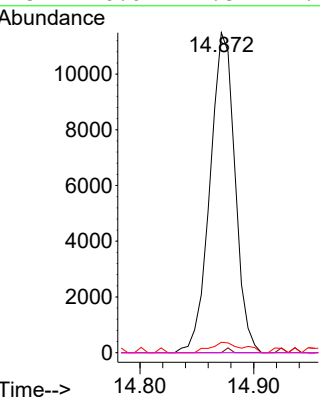
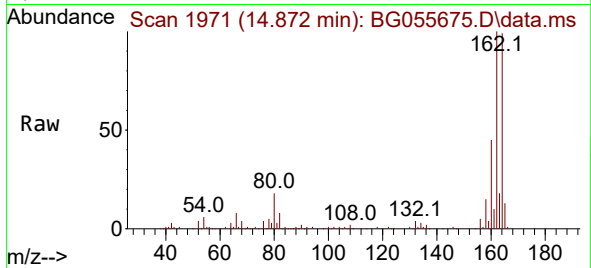
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 3.2 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.615 min Scan# 2438

Delta R.T. -0.003 min

Lab File: BG055675.D

Acq: 17 Nov 2022 21:21

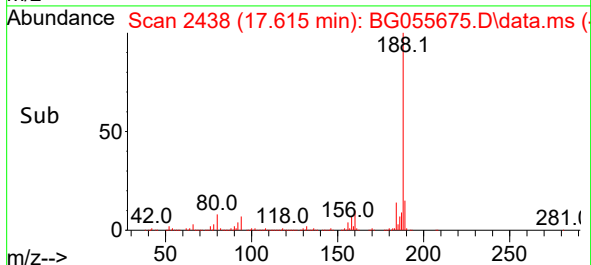
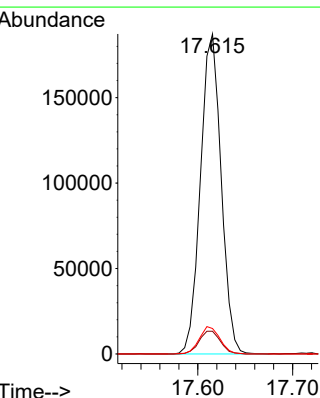
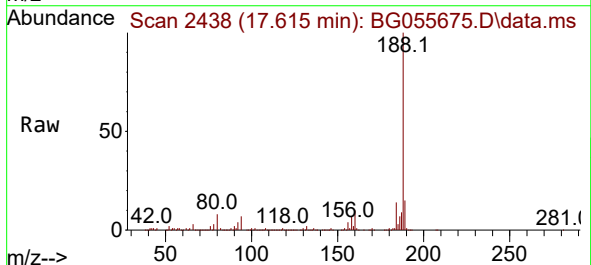
Tgt Ion:188 Resp: 284145

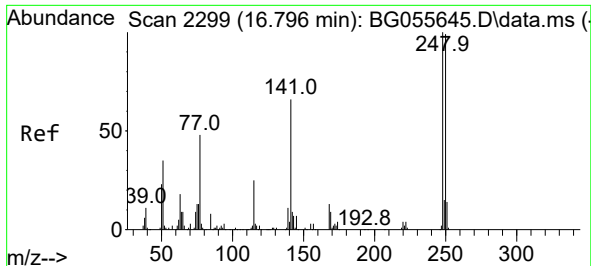
Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 8.0 6.6 10.0

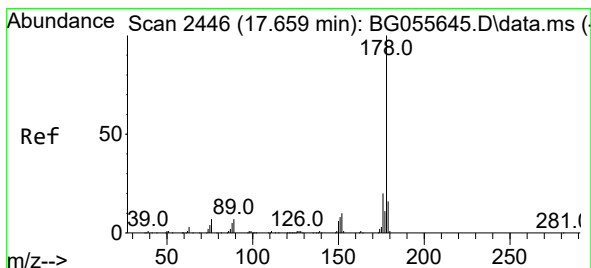
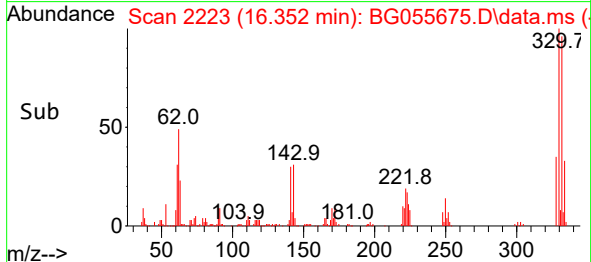
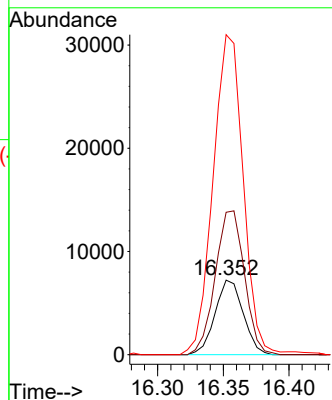
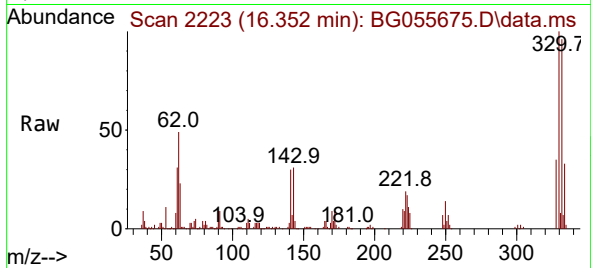




#67
4-Bromophenyl-phenylether
Concen: 3.328 ng
RT: 16.352 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

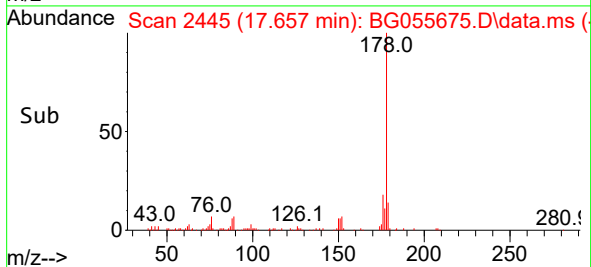
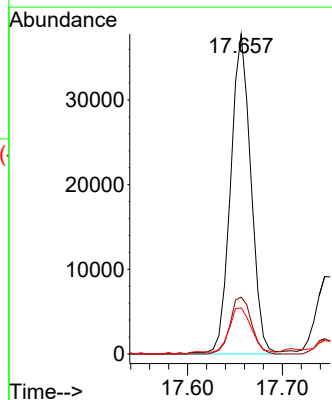
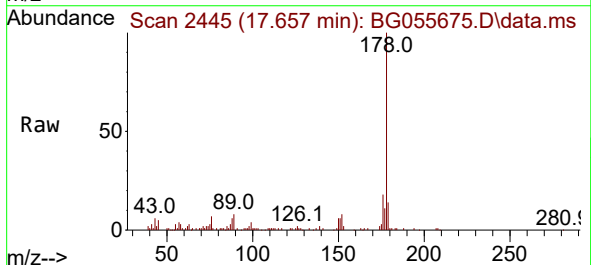
Instrument :
BNA_G
ClientSampleId :
SB-37

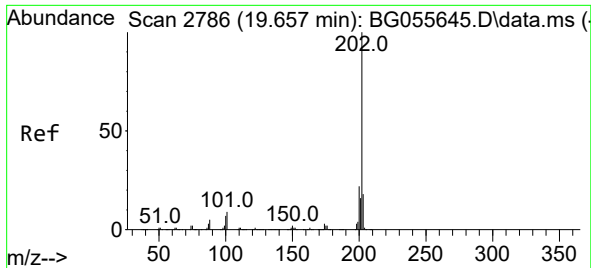
Tgt Ion:248 Resp: 10773
Ion Ratio Lower Upper
248 100
250 191.0 79.0 118.4#
141 429.2 52.9 79.3#



#71
Phenanthrene
Concen: 3.662 ng
RT: 17.657 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Tgt Ion:178 Resp: 56147
Ion Ratio Lower Upper
178 100
176 17.7 16.0 24.0
179 14.4 12.7 19.1

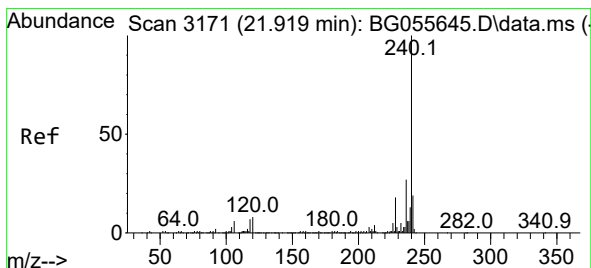
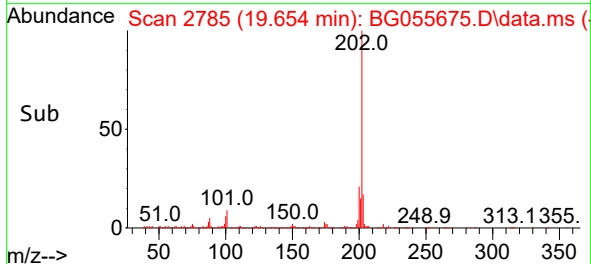
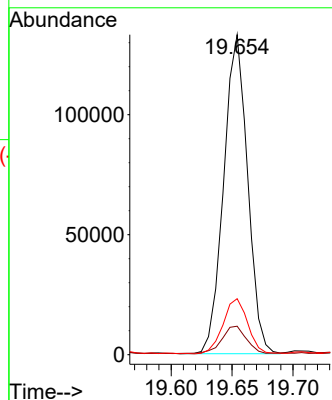
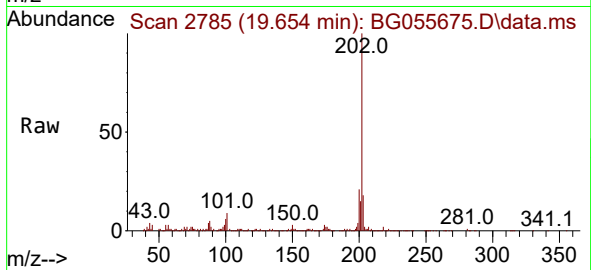




#75
Fluoranthene
Concen: 9.718 ng
RT: 19.654 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

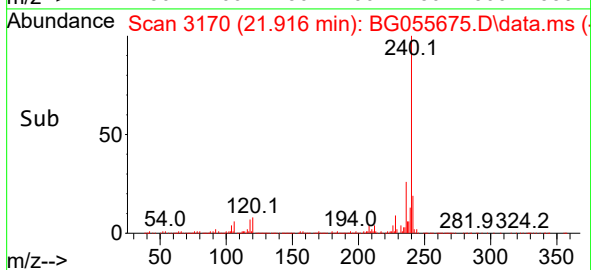
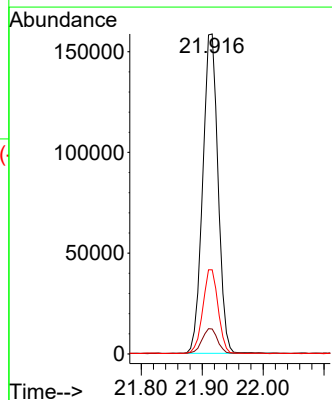
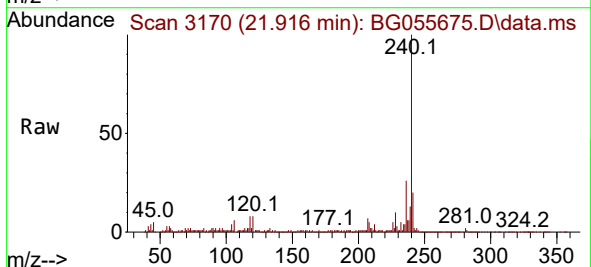
Instrument :
BNA_G
ClientSampleId :
SB-37

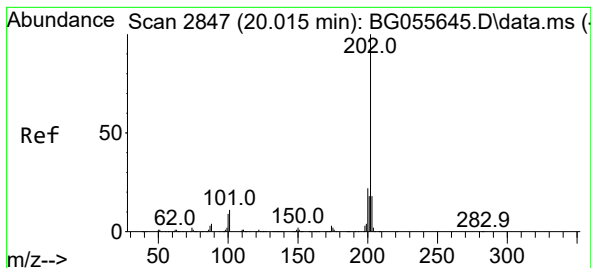
Tgt Ion:202 Resp: 181293
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 17.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3170
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Tgt Ion:240 Resp: 275969
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.3 21.9 32.9





#78

Pyrene

Concen: 12.756 ng

RT: 20.013 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055675.D

Acq: 17 Nov 2022 21:21

Instrument :

BNA_G

ClientSampleId :

SB-37

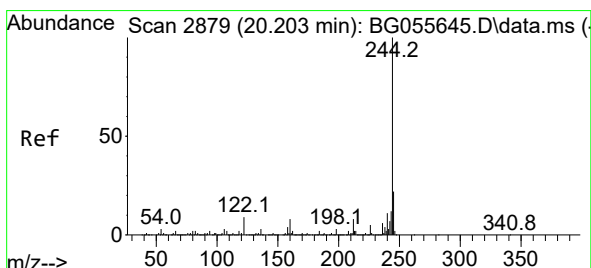
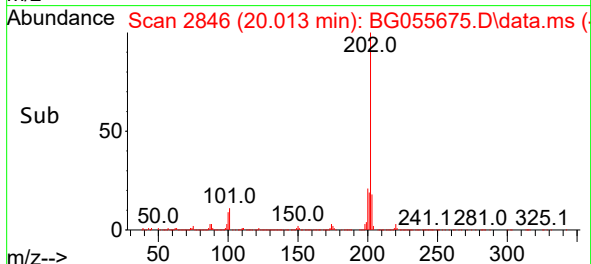
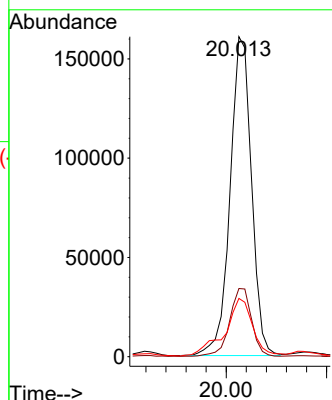
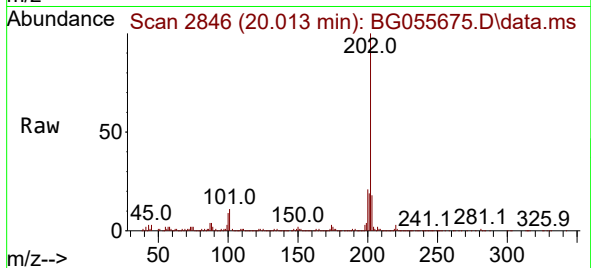
Tgt Ion:202 Resp: 238274

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

203 18.2 14.4 21.6



#79

Terphenyl-d14

Concen: 57.915 ng

RT: 20.201 min Scan# 2878

Delta R.T. -0.003 min

Lab File: BG055675.D

Acq: 17 Nov 2022 21:21

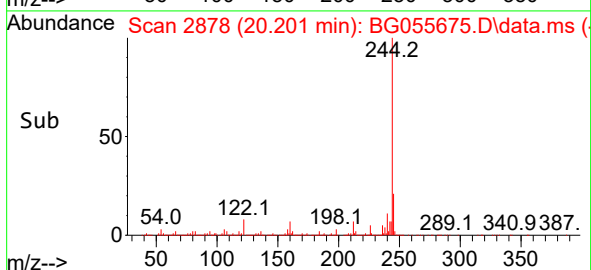
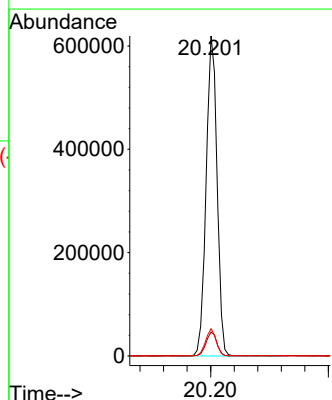
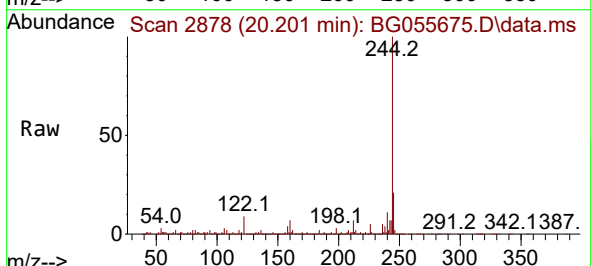
Tgt Ion:244 Resp: 799084

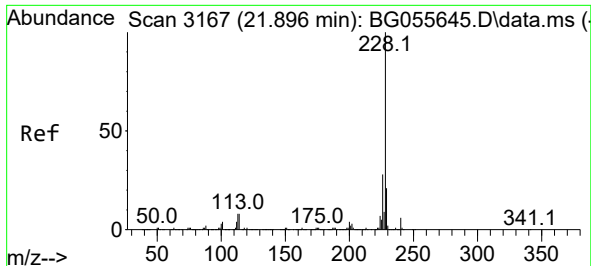
Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

122 8.5 6.9 10.3

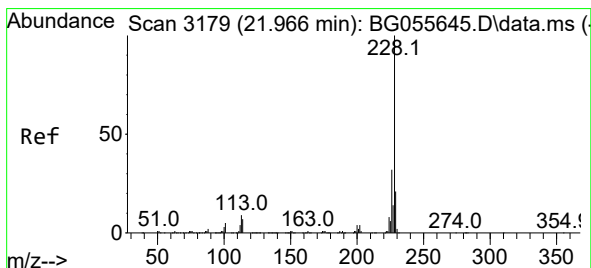
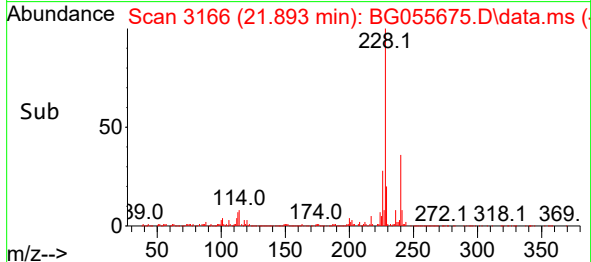
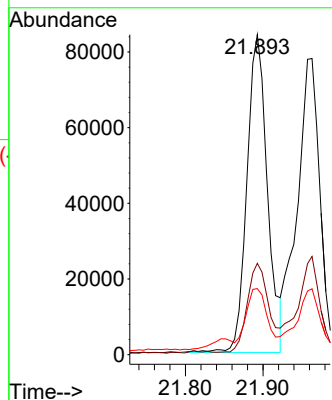
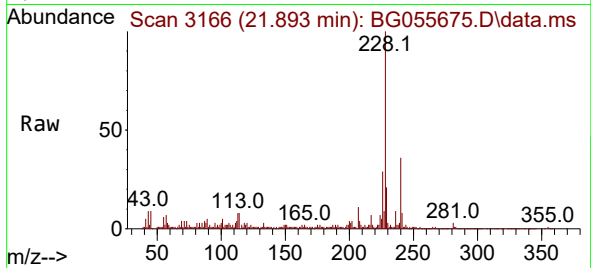




#81
Benzo(a)anthracene
Concen: 8.106 ng
RT: 21.893 min Scan# 3166
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

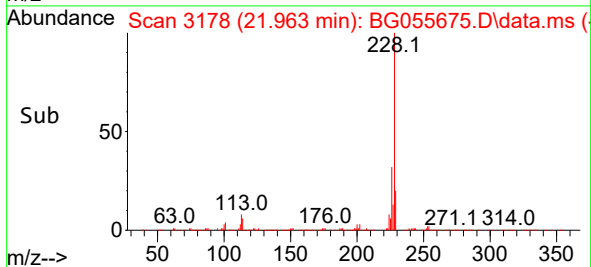
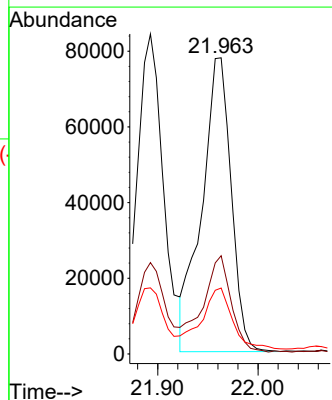
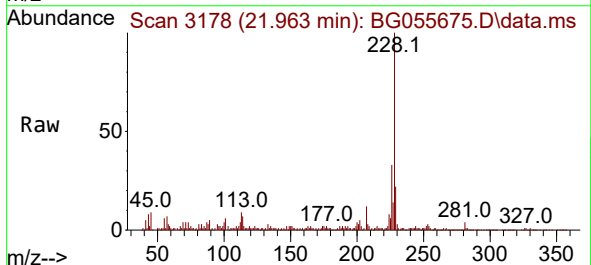
Instrument :
BNA_G
ClientSampleId :
SB-37

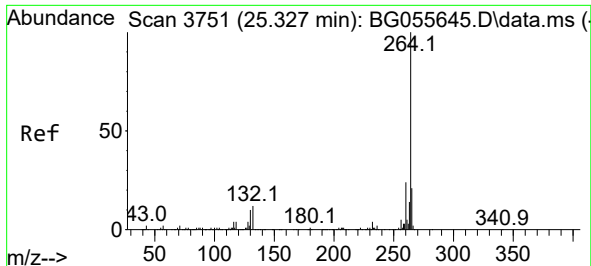
Tgt Ion:228 Resp: 154083
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 20.6 16.5 24.7



#83
Chrysene
Concen: 8.758 ng
RT: 21.963 min Scan# 3178
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Tgt Ion:228 Resp: 158475
Ion Ratio Lower Upper
228 100
226 33.2 25.4 38.2
229 22.3 17.1 25.7



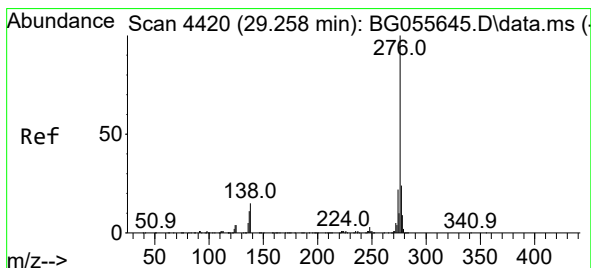
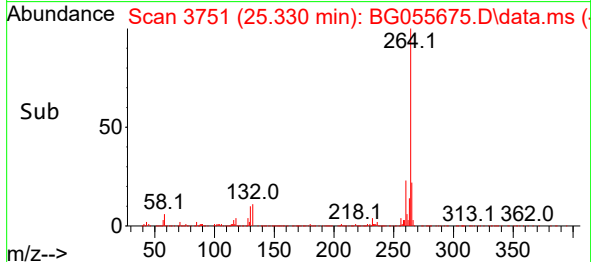
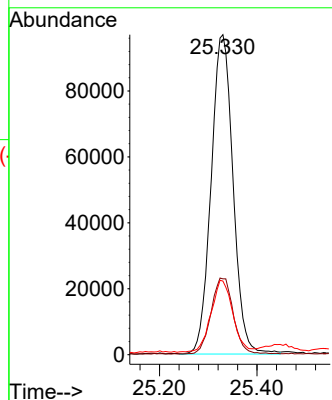
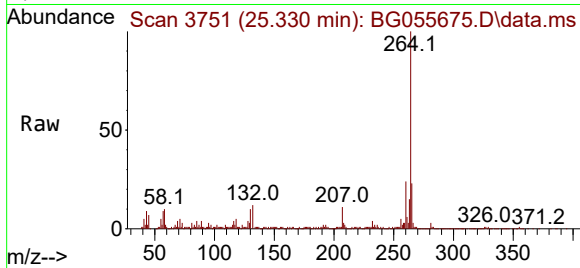


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.330 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Instrument :
BNA_G
ClientSampleId :
SB-37

Tgt Ion:264 Resp: 302224

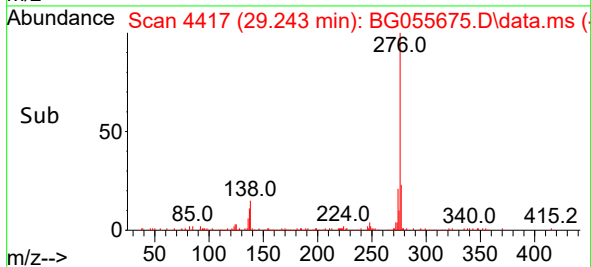
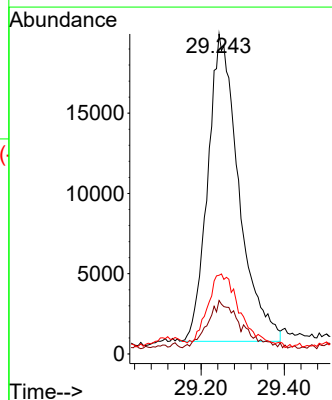
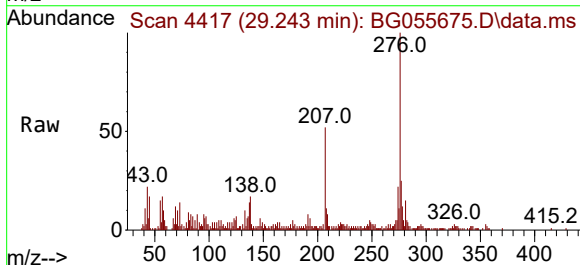
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	23.0	17.1	25.7

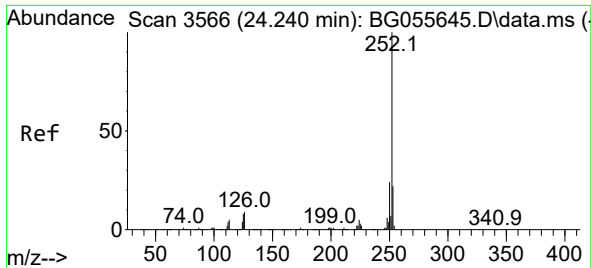


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.993 ng
RT: 29.243 min Scan# 4417
Delta R.T. -0.015 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Tgt Ion:276 Resp: 98868

Ion	Ratio	Lower	Upper
276	100		
138	13.2	10.4	15.6
277	22.3	20.2	30.4

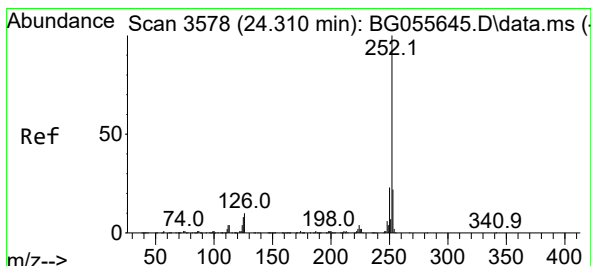
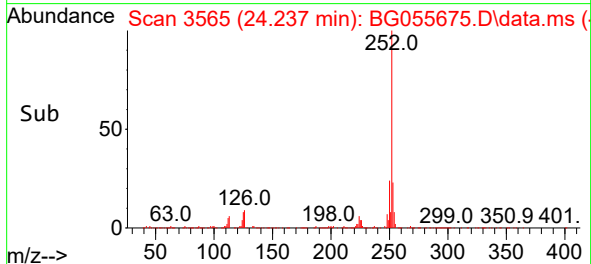
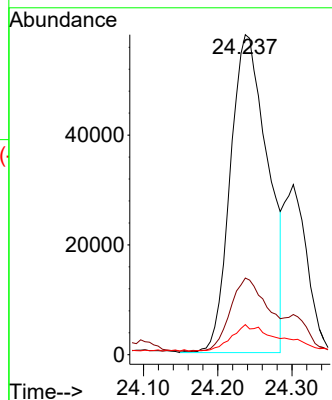
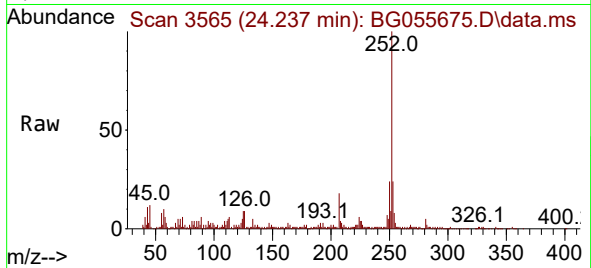




#88
Benzo(b)fluoranthene
Concen: 10.296 ng
RT: 24.237 min Scan# 3565
Delta R.T. -0.003 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

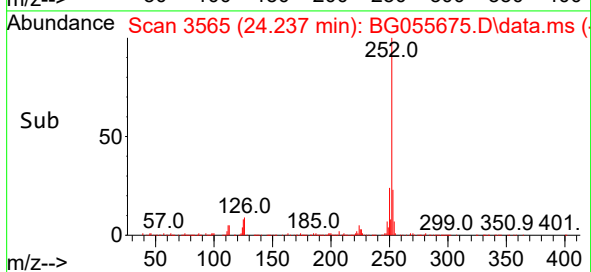
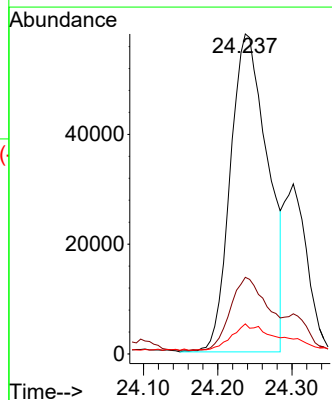
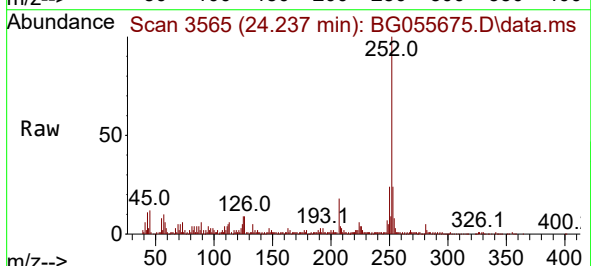
Instrument :
BNA_G
ClientSampleId :
SB-37

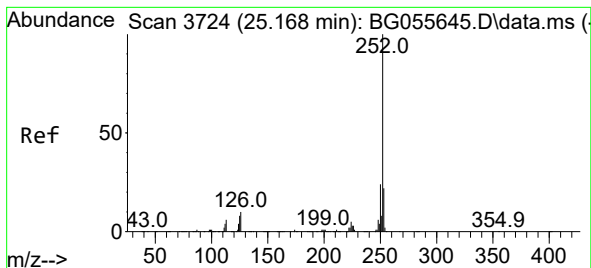
Tgt Ion:252 Resp: 202653
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 9.4 6.2 9.2#



#89
Benzo(k)fluoranthene
Concen: 10.329 ng
RT: 24.237 min Scan# 3565
Delta R.T. -0.073 min
Lab File: BG055675.D
Acq: 17 Nov 2022 21:21

Tgt Ion:252 Resp: 202653
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 9.4 6.1 9.1#





#90

Benzo(a)pyrene

Concen: 9.696 ng

RT: 25.160 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG055675.D

Acq: 17 Nov 2022 21:21

Instrument :

BNA_G

ClientSampleId :

SB-37

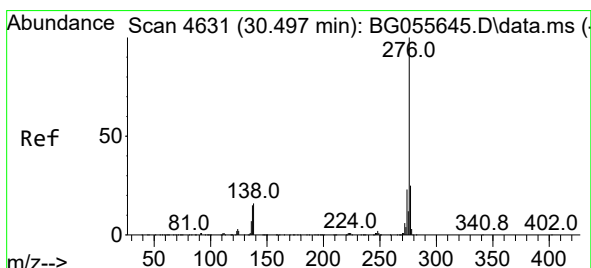
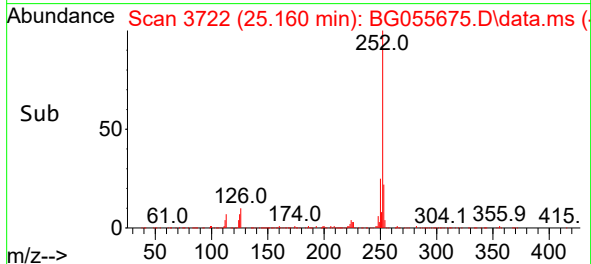
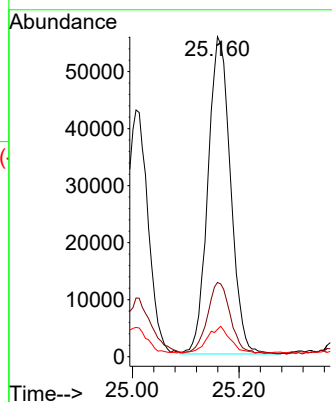
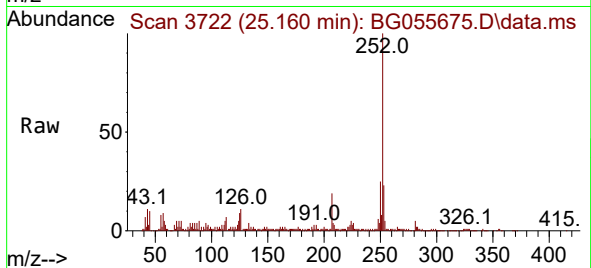
Tgt Ion:252 Resp: 163767

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

125 8.6 6.4 9.6



#92

Benzo(g,h,i)perylene

Concen: 5.522 ng

RT: 30.477 min Scan# 4627

Delta R.T. -0.020 min

Lab File: BG055675.D

Acq: 17 Nov 2022 21:21

Tgt Ion:276 Resp: 112609

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.6

138 18.4 13.1 19.7

