

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055676.D
 Acq On : 17 Nov 2022 22:03
 Operator : CG/JU
 Sample : N5607-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-36

Quant Time: Nov 18 03:17:45 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)

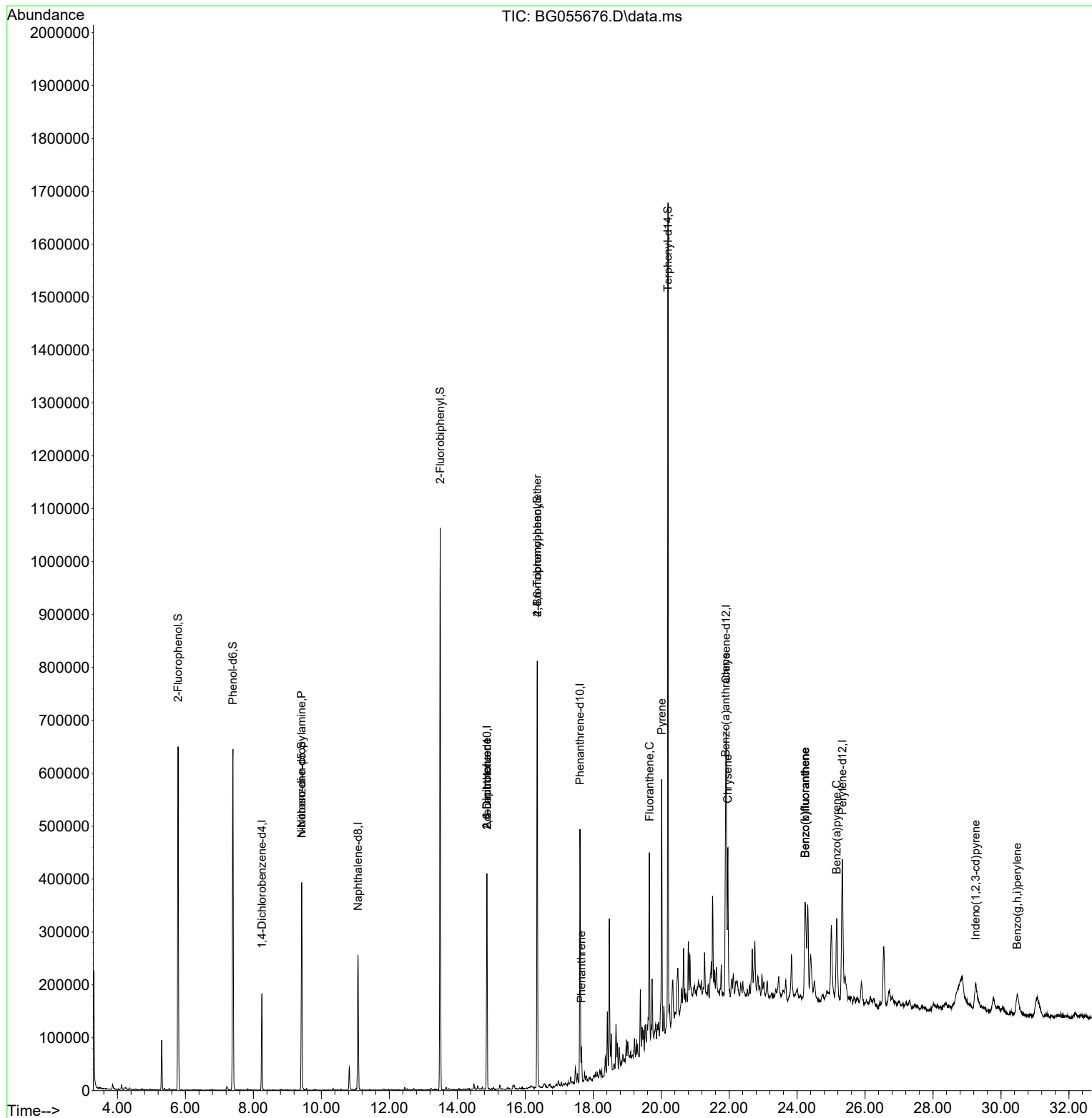
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	53956	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	222989	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	147969	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	306307	20.000	ng	0.00
76) Chrysene-d12	21.913	240	283792	20.000	ng	0.00
86) Perylene-d12	25.333	264	301717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	282588	94.667	ng	0.00
7) Phenol-d6	7.401	99	365938	92.092	ng	0.01
23) Nitrobenzene-d5	9.422	82	231529	54.879	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	168661	80.947	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	556633	56.357	ng	0.00
79) Terphenyl-d14	20.203	244	772114	54.418	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.422	70	31698	10.382	ng	# 78
51) 2,6-Dinitrotoluene	14.874	165	19592	8.123	ng	# 27
57) 2,4-Dinitrotoluene	14.874	165	19592	5.762	ng	# 25
67) 4-Bromophenyl-phenylether	16.355	248	10479	3.003	ng	# 1
71) Phenanthrene	17.653	178	41985	2.540	ng	97
75) Fluoranthene	19.657	202	207978	10.342	ng	99
78) Pyrene	20.015	202	300632	15.650	ng	99
81) Benzo(a)anthracene	21.896	228	183882	9.407	ng	98
83) Chrysene	21.960	228	223087	11.989	ng	98
87) Indeno(1,2,3-cd)pyrene	29.252	276	111684	4.518	ng	# 90
88) Benzo(b)fluoranthene	24.240	252	255169	12.986	ng	# 97
89) Benzo(k)fluoranthene	24.240	252	255169	13.028	ng	# 96
90) Benzo(a)pyrene	25.168	252	197406	11.707	ng	99
92) Benzo(g,h,i)perylene	30.480	276	115551	5.676	ng	99

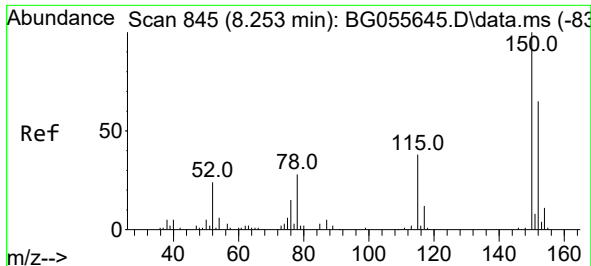
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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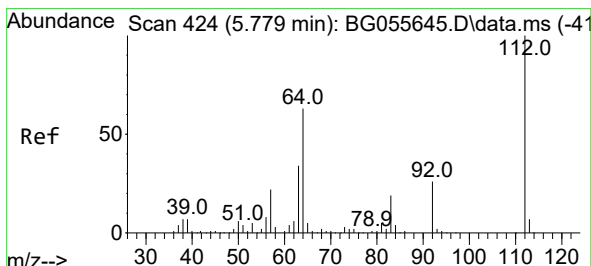
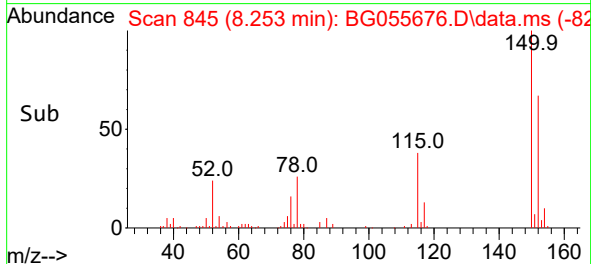
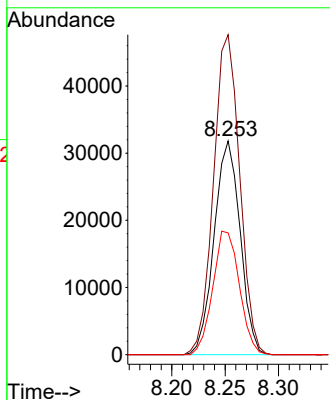
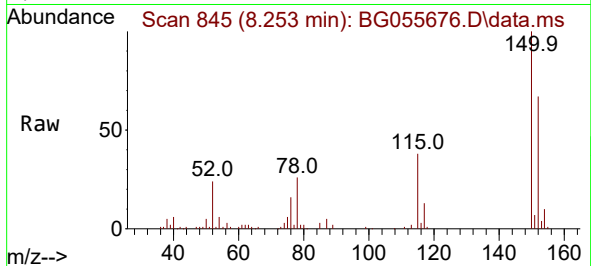




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 845
Delta R.T. -0.000 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

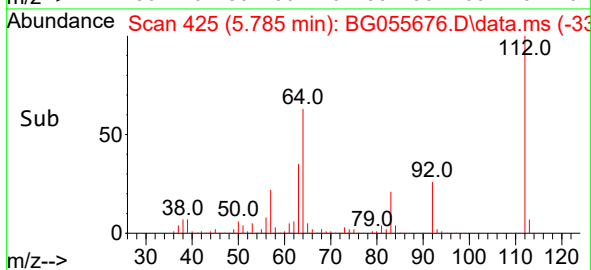
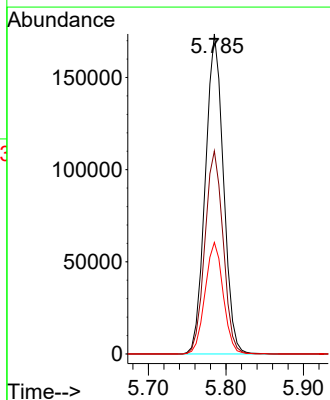
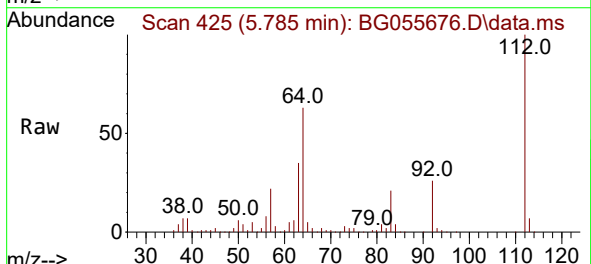
Instrument :
BNA_G
ClientSampleId :
SB-36

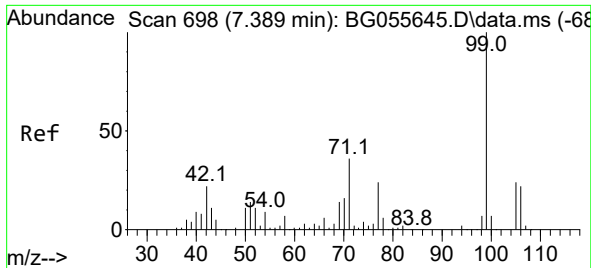
Tgt Ion:152 Resp: 53956
Ion Ratio Lower Upper
152 100
150 149.7 123.0 184.6
115 57.0 47.0 70.4



#5
2-Fluorophenol
Concen: 94.667 ng
RT: 5.785 min Scan# 425
Delta R.T. 0.006 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

Tgt Ion:112 Resp: 282588
Ion Ratio Lower Upper
112 100
64 63.4 50.6 76.0
63 34.9 27.5 41.3

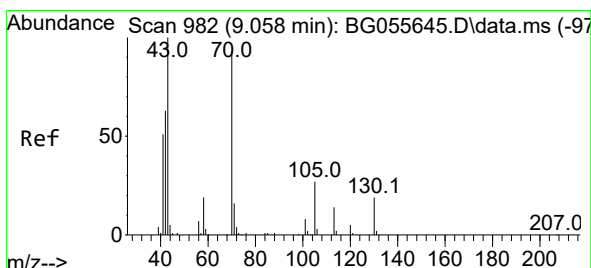
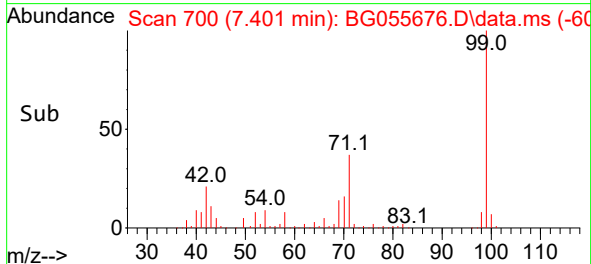
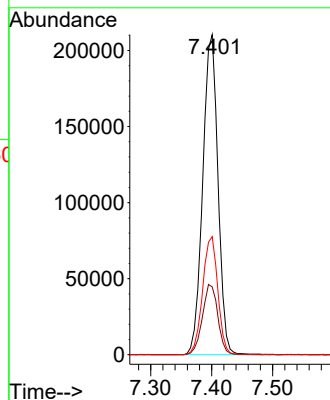
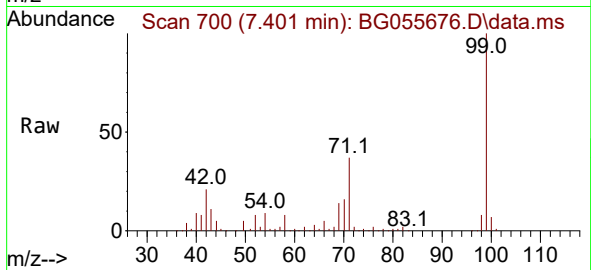




#7
Phenol-d6
Concen: 92.092 ng
RT: 7.401 min Scan# 70
Delta R.T. 0.012 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

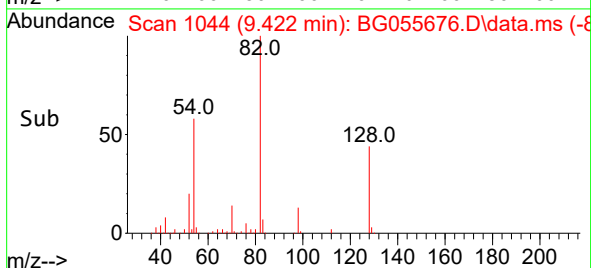
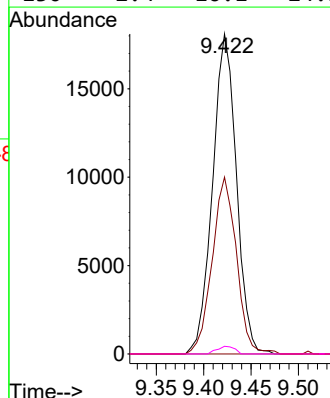
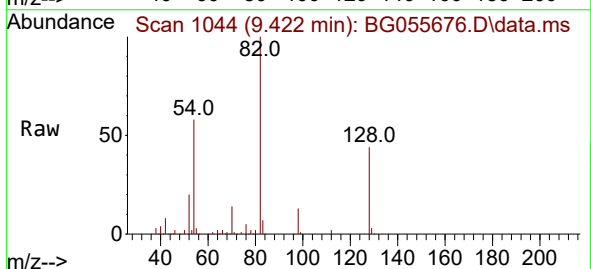
Instrument :
BNA_G
ClientSampleId :
SB-36

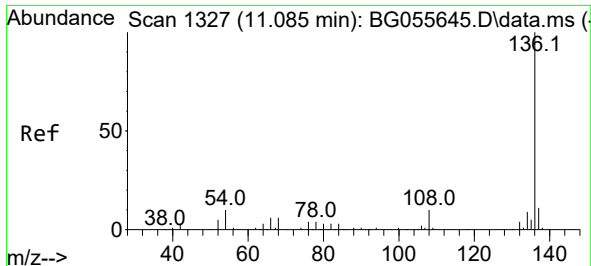
Tgt Ion: 99 Resp: 365938
Ion Ratio Lower Upper
99 100
42 21.2 18.0 27.0
71 36.9 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.382 ng
RT: 9.422 min Scan# 1044
Delta R.T. 0.364 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

Tgt Ion: 70 Resp: 31698
Ion Ratio Lower Upper
70 100
42 55.2 55.2 82.8
101 0.0 7.1 10.7#
130 2.4 16.1 24.1#



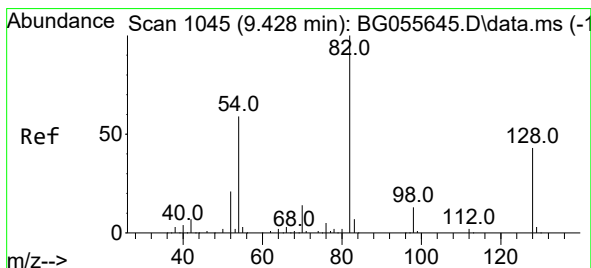
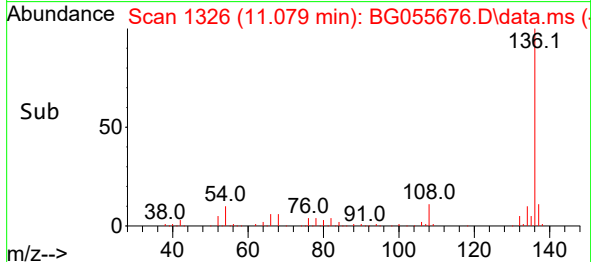
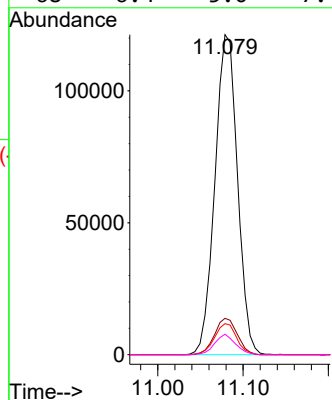
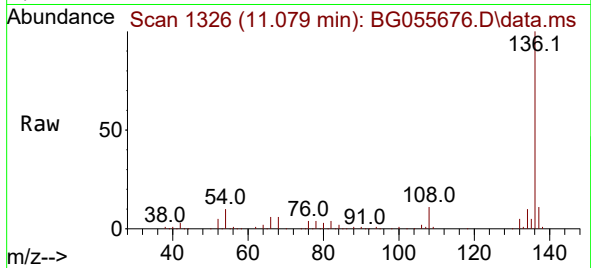


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

Instrument :
BNA_G
ClientSampleId :
SB-36

Tgt Ion:136 Resp: 222989

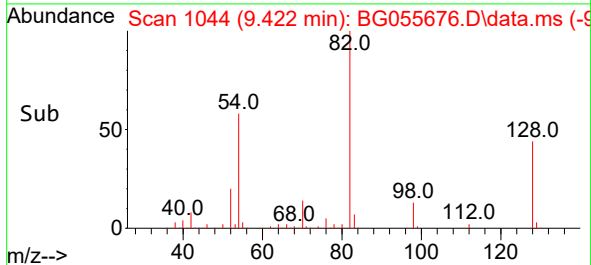
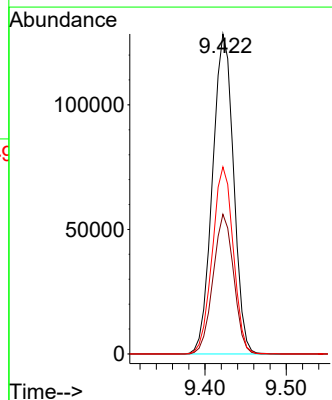
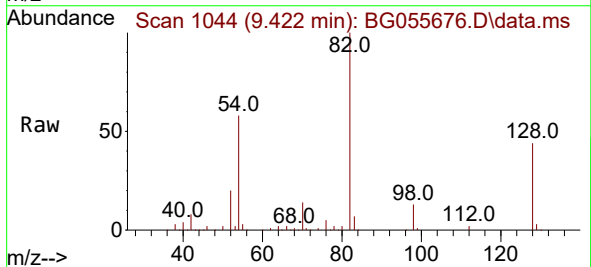
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.7	7.8	11.6
68	6.4	5.0	7.4

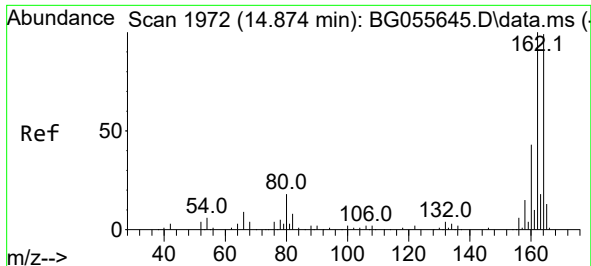


#23
Nitrobenzene-d5
Concen: 54.879 ng
RT: 9.422 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

Tgt Ion: 82 Resp: 231529

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.1	51.1
54	58.5	47.3	70.9

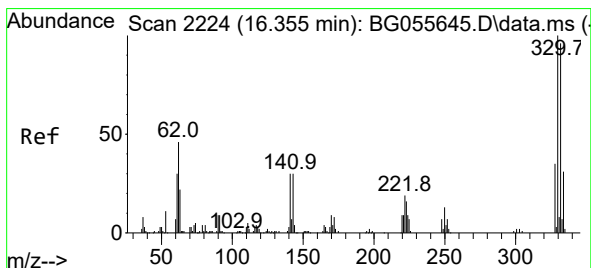
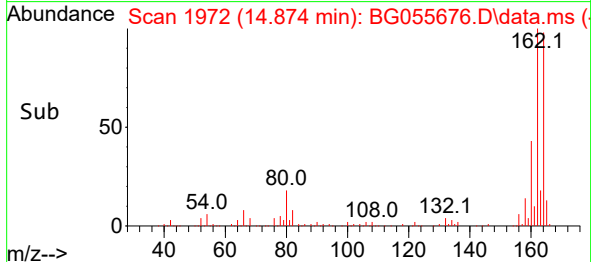
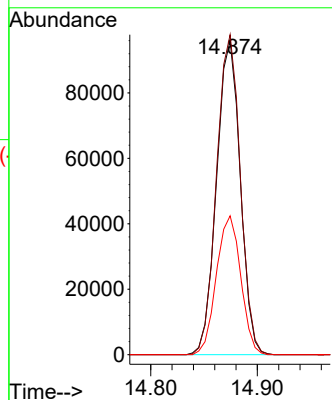
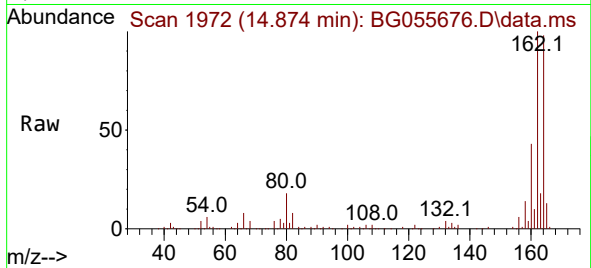




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

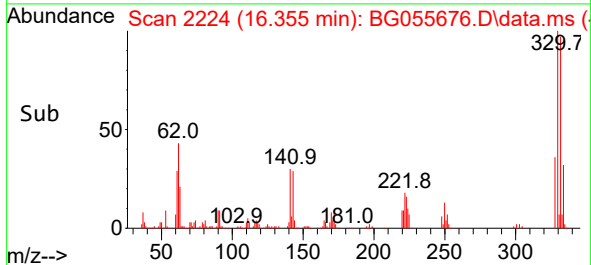
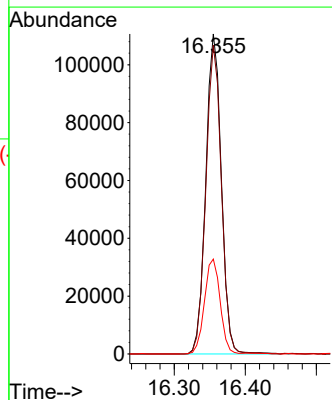
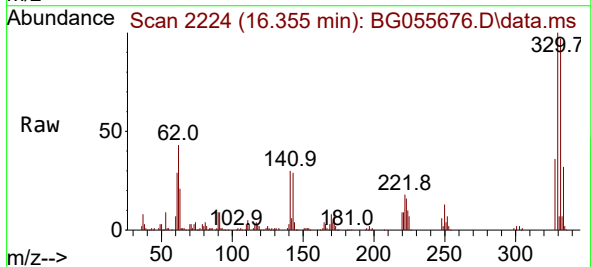
Instrument :
BNA_G
ClientSampleId :
SB-36

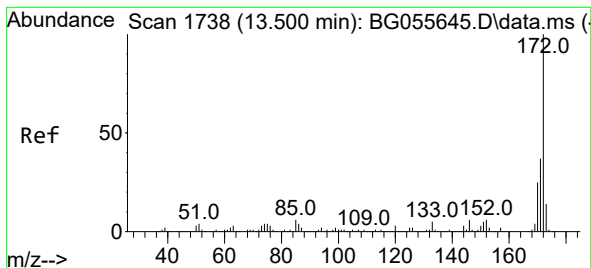
Tgt Ion:164 Resp: 147969
Ion Ratio Lower Upper
164 100
162 101.9 81.1 121.7
160 44.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 80.947 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

Tgt Ion:330 Resp: 168661
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.8
141 30.2 23.9 35.9

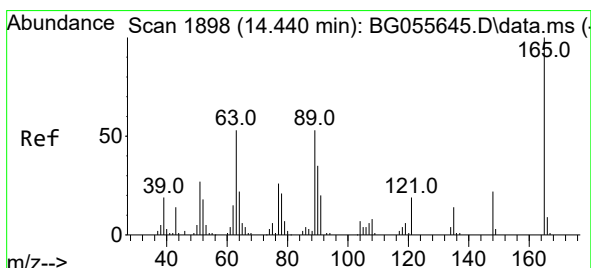
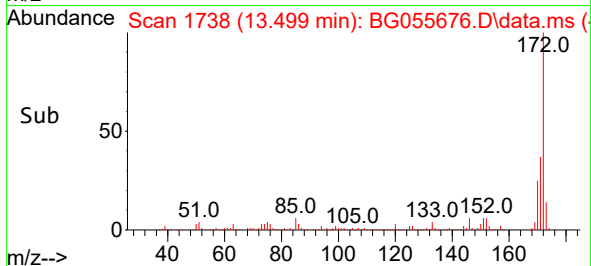
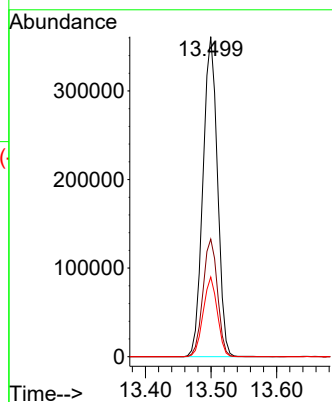
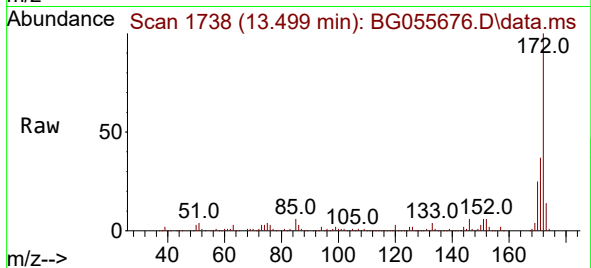




#45
2-Fluorobiphenyl
Concen: 56.357 ng
RT: 13.499 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

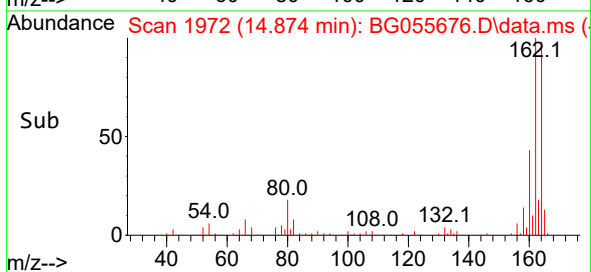
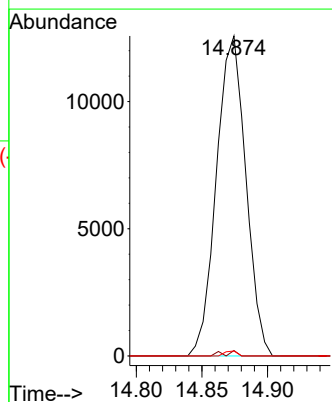
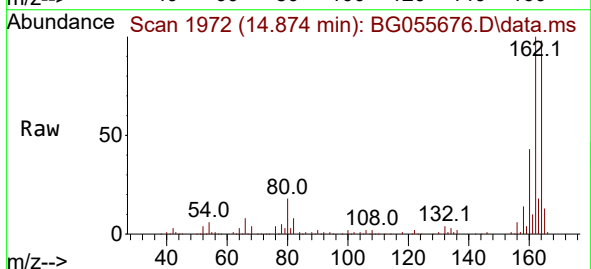
Instrument :
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ClientSampleId :
SB-36

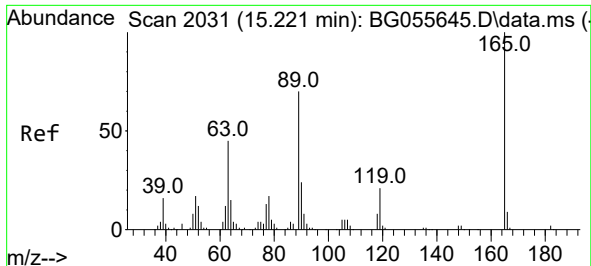
Tgt Ion:172 Resp: 556633
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.9 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.123 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.435 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

Tgt Ion:165 Resp: 19592
Ion Ratio Lower Upper
165 100
63 1.7 44.6 66.8#
89 1.6 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.762 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.347 min

Lab File: BG055676.D

Acq: 17 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

SB-36

Tgt Ion:165 Resp: 19592

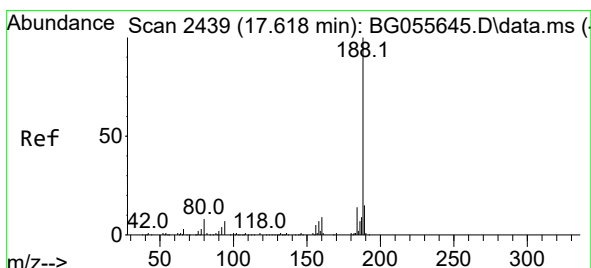
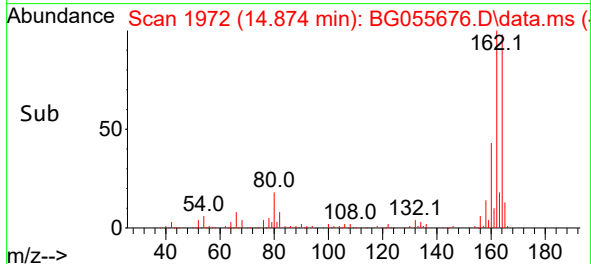
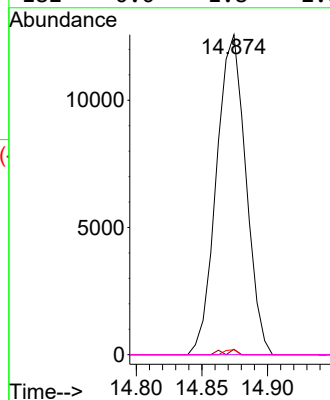
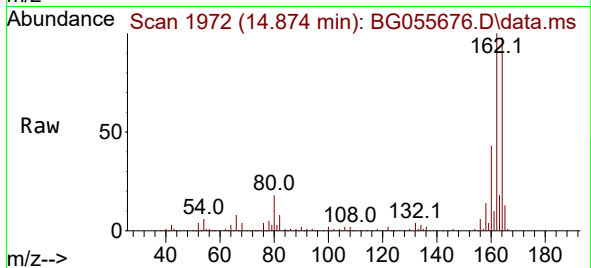
Ion Ratio Lower Upper

165 100

63 1.7 35.8 53.8#

89 1.6 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.612 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BG055676.D

Acq: 17 Nov 2022 22:03

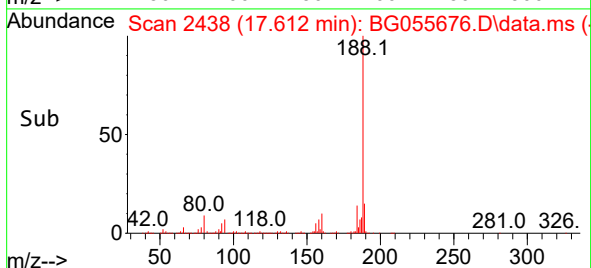
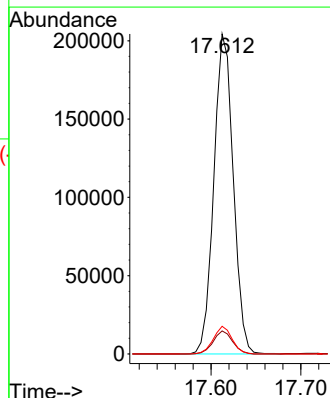
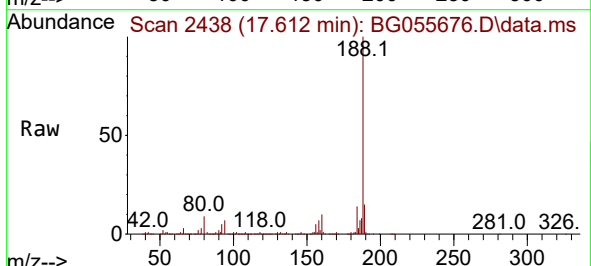
Tgt Ion:188 Resp: 306307

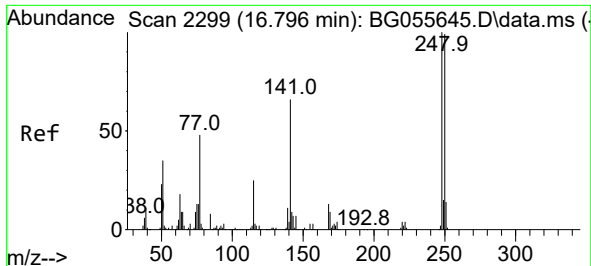
Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 8.7 6.6 10.0

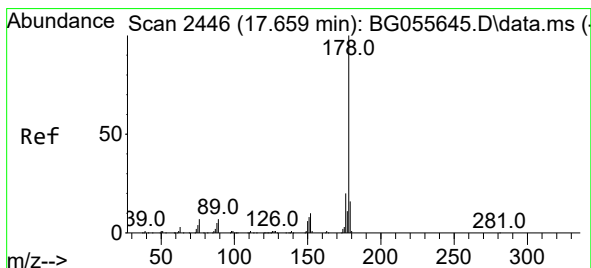
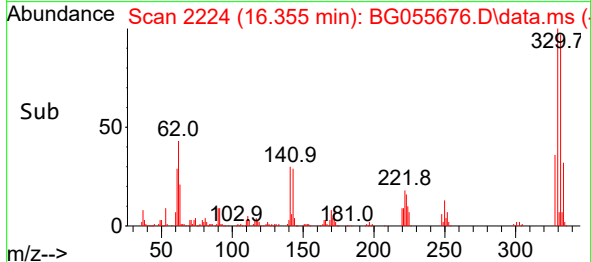
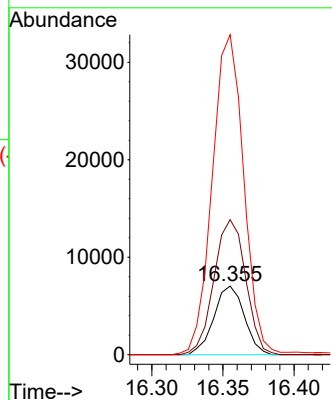
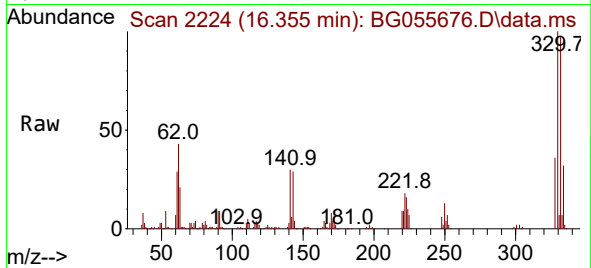




#67
4-Bromophenyl-phenylether
Concen: 3.003 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

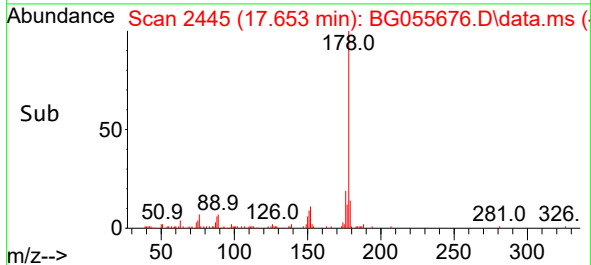
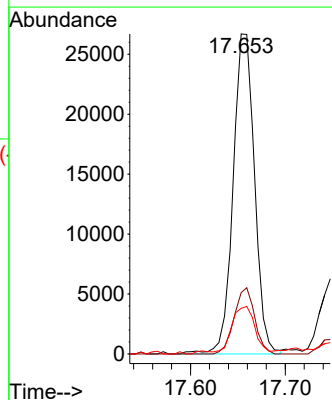
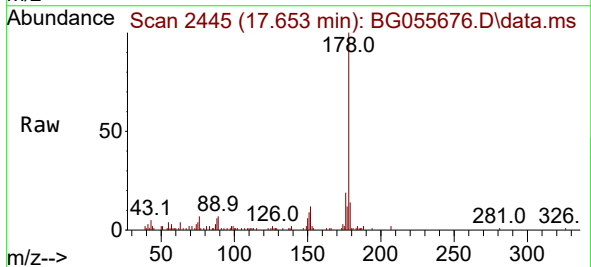
Instrument :
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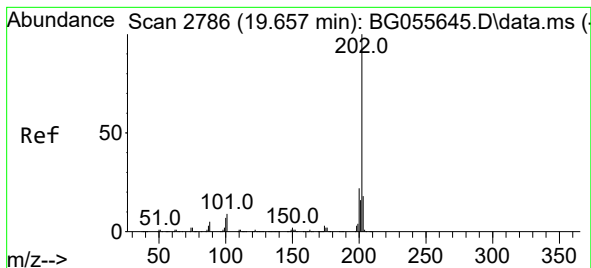
Tgt Ion:248 Resp: 10479
Ion Ratio Lower Upper
248 100
250 197.0 79.0 118.4#
141 466.6 52.9 79.3#



#71
Phenanthrene
Concen: 2.540 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

Tgt Ion:178 Resp: 41985
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 14.3 12.7 19.1





#75

Fluoranthene

Concen: 10.342 ng

RT: 19.657 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG055676.D

Acq: 17 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

SB-36

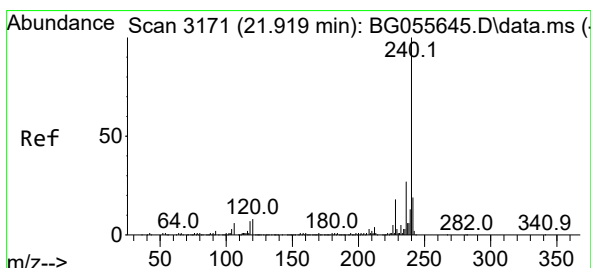
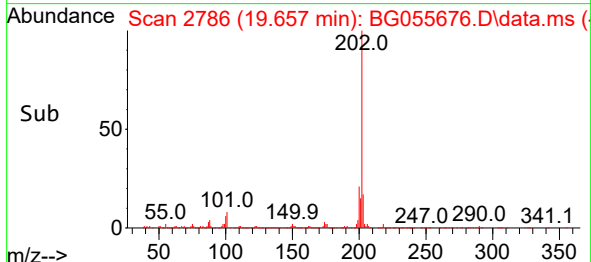
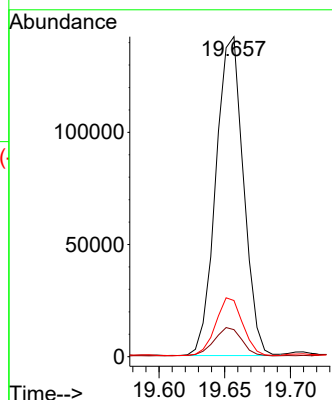
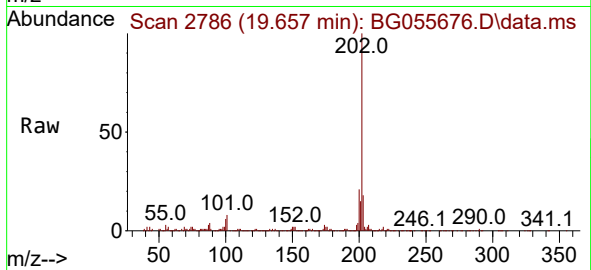
Tgt Ion:202 Resp: 207978

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.8

203 17.6 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.913 min Scan# 3170

Delta R.T. -0.006 min

Lab File: BG055676.D

Acq: 17 Nov 2022 22:03

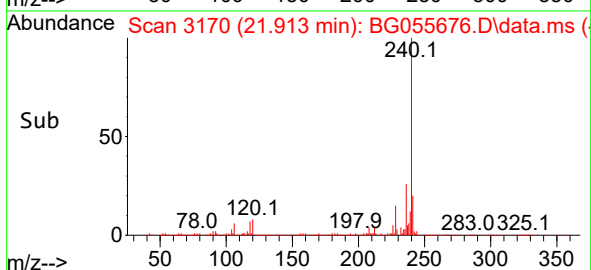
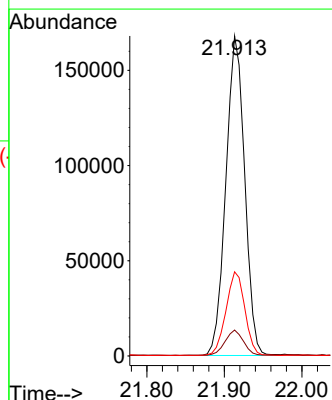
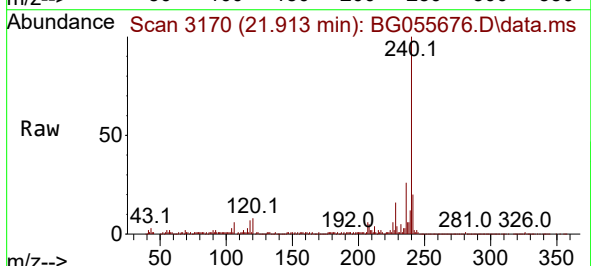
Tgt Ion:240 Resp: 283792

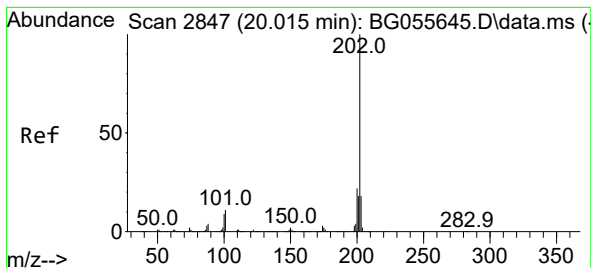
Ion Ratio Lower Upper

240 100

120 8.1 6.3 9.5

236 26.3 21.9 32.9





#78

Pyrene

Concen: 15.650 ng

RT: 20.015 min Scan# 2847

Delta R.T. -0.000 min

Lab File: BG055676.D

Acq: 17 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

SB-36

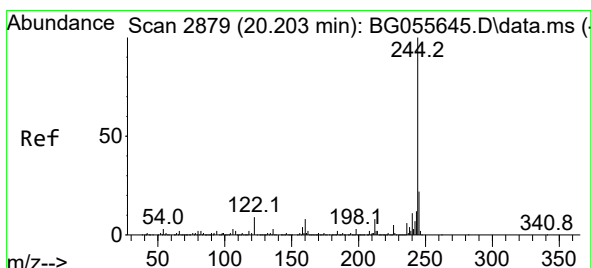
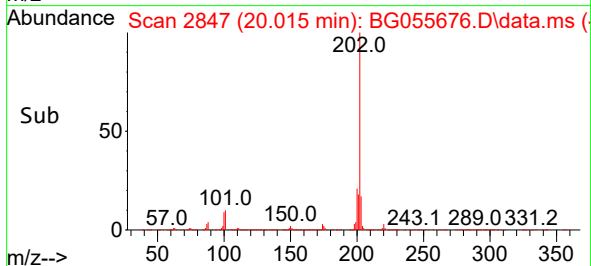
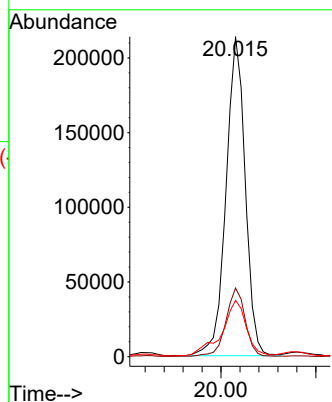
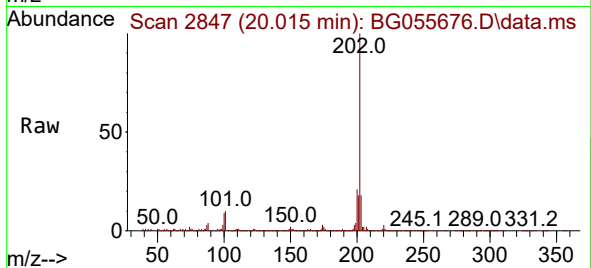
Tgt Ion:202 Resp: 300632

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

203 17.6 14.4 21.6



#79

Terphenyl-d14

Concen: 54.418 ng

RT: 20.203 min Scan# 2879

Delta R.T. -0.000 min

Lab File: BG055676.D

Acq: 17 Nov 2022 22:03

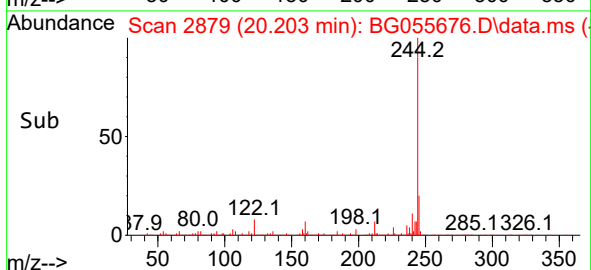
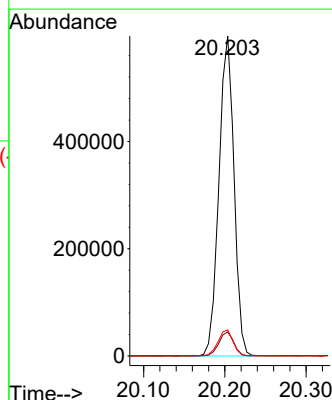
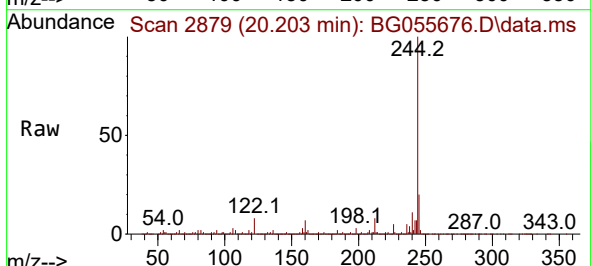
Tgt Ion:244 Resp: 772114

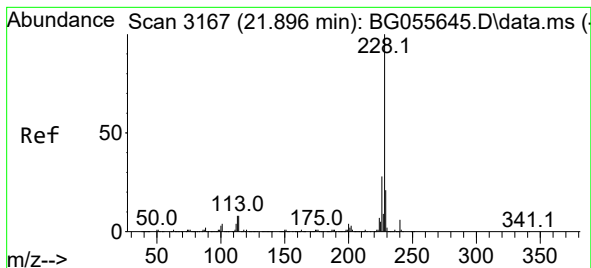
Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

122 8.2 6.9 10.3





#81

Benzo(a)anthracene

Concen: 9.407 ng

RT: 21.896 min Scan# 3167

Delta R.T. -0.000 min

Lab File: BG055676.D

Acq: 17 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

SB-36

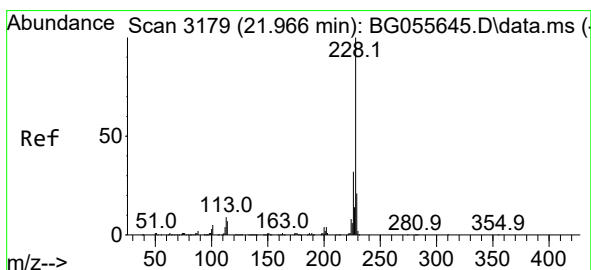
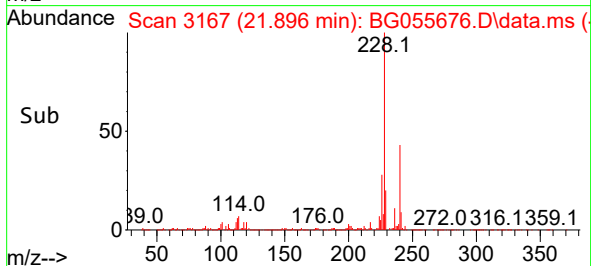
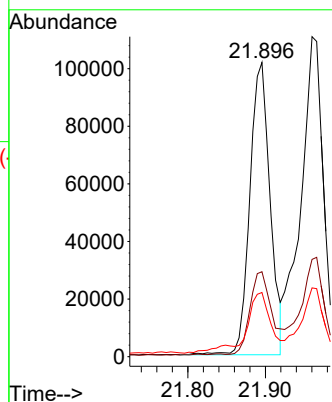
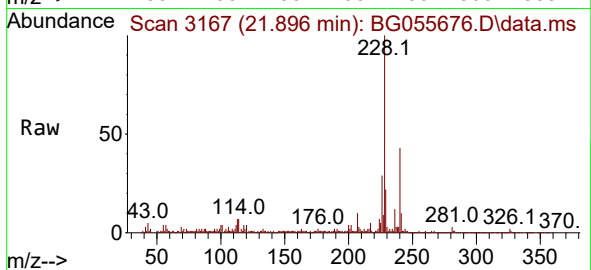
Tgt Ion:228 Resp: 183882

Ion Ratio Lower Upper

228 100

226 28.9 22.7 34.1

229 21.8 16.5 24.7



#83

Chrysene

Concen: 11.989 ng

RT: 21.960 min Scan# 3178

Delta R.T. -0.006 min

Lab File: BG055676.D

Acq: 17 Nov 2022 22:03

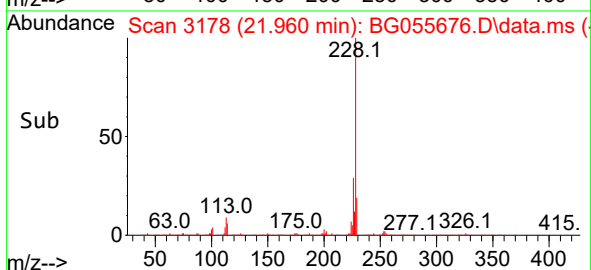
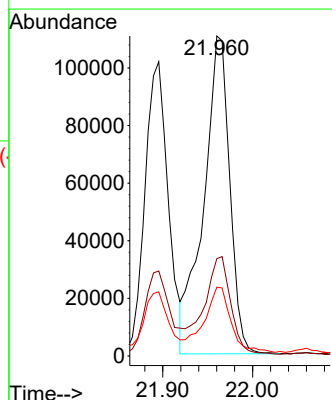
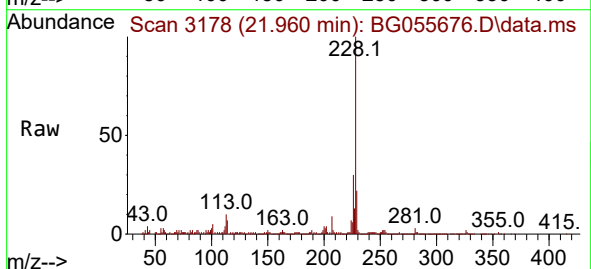
Tgt Ion:228 Resp: 223087

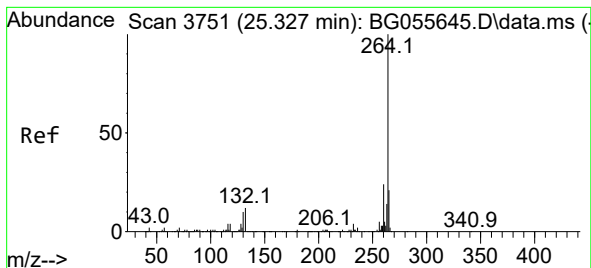
Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.2

229 21.5 17.1 25.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.333 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG055676.D

Acq: 17 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

SB-36

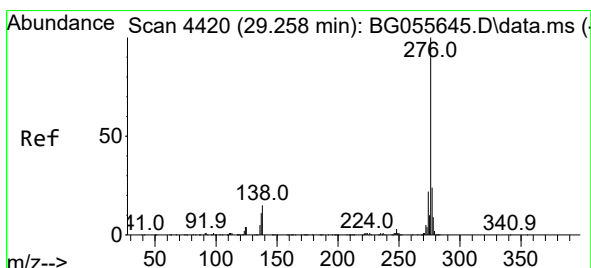
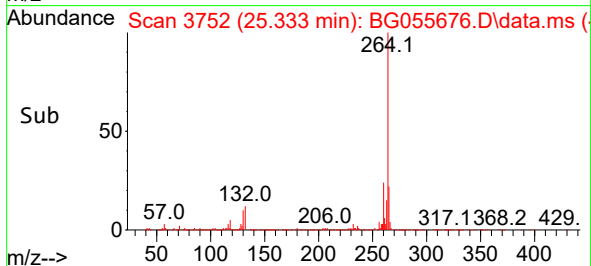
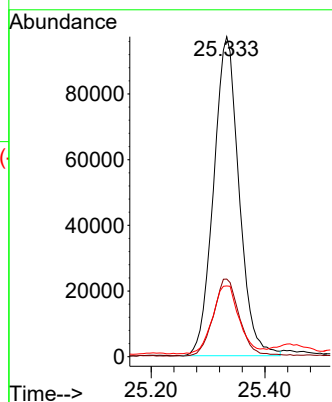
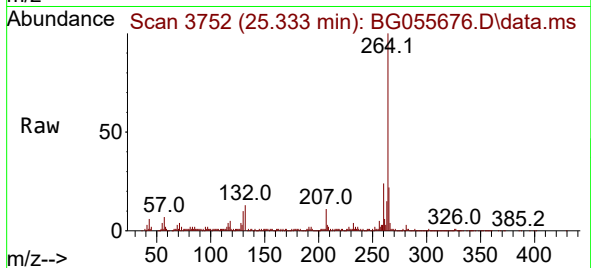
Tgt Ion:264 Resp: 301717

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.1 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.518 ng

RT: 29.252 min Scan# 4419

Delta R.T. -0.006 min

Lab File: BG055676.D

Acq: 17 Nov 2022 22:03

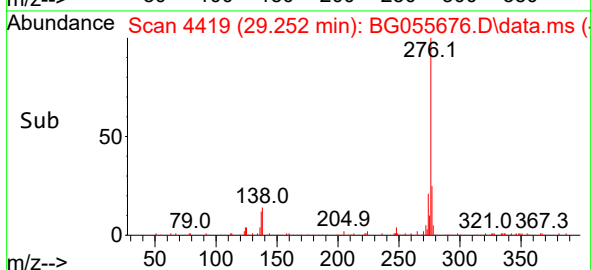
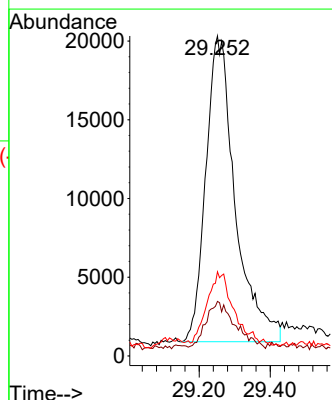
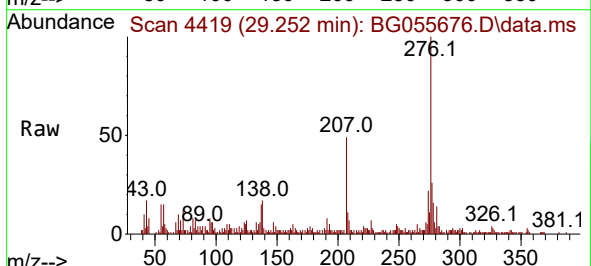
Tgt Ion:276 Resp: 111684

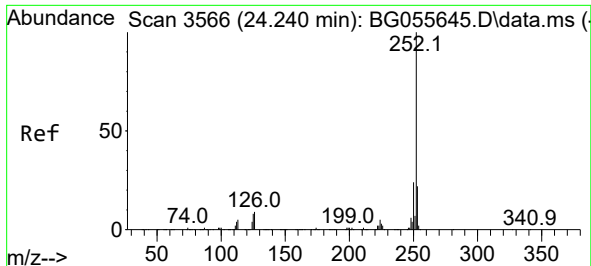
Ion Ratio Lower Upper

276 100

138 16.0 10.4 15.6#

277 19.5 20.2 30.4#

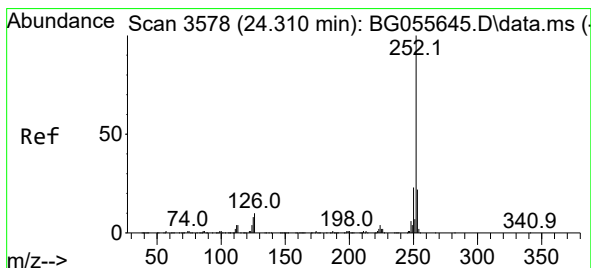
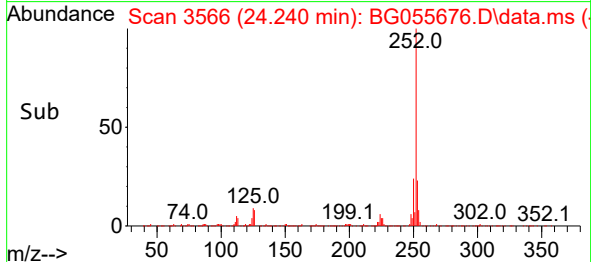
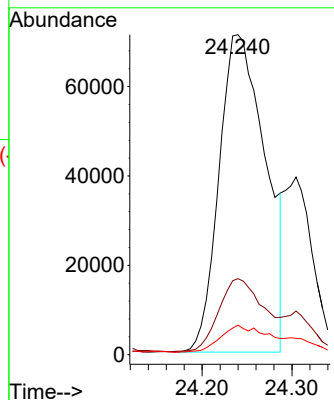
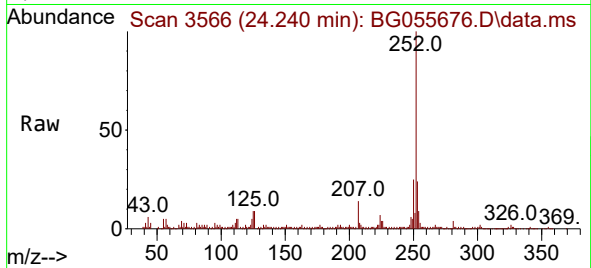




#88
Benzo(b)fluoranthene
Concen: 12.986 ng
RT: 24.240 min Scan# 3566
Delta R.T. -0.000 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

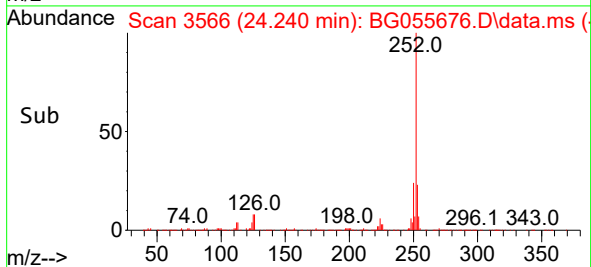
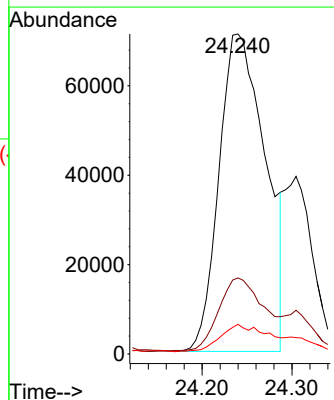
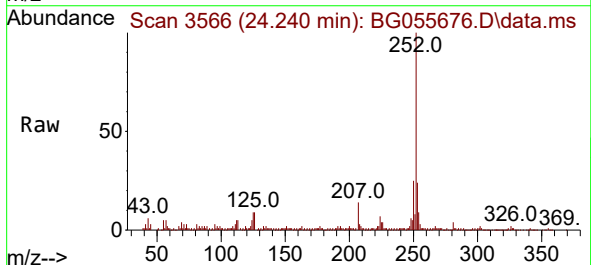
Instrument :
BNA_G
ClientSampleId :
SB-36

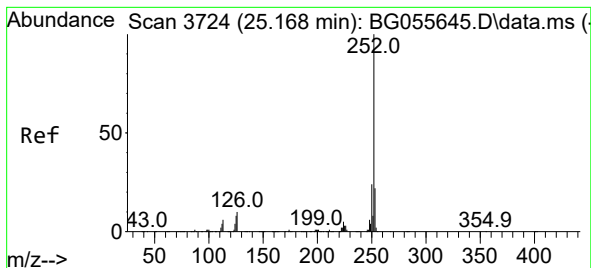
Tgt Ion:252 Resp: 255169
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 9.3 6.2 9.2#



#89
Benzo(k)fluoranthene
Concen: 13.028 ng
RT: 24.240 min Scan# 3566
Delta R.T. -0.071 min
Lab File: BG055676.D
Acq: 17 Nov 2022 22:03

Tgt Ion:252 Resp: 255169
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 9.3 6.1 9.1#





#90

Benzo(a)pyrene

Concen: 11.707 ng

RT: 25.168 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG055676.D

Acq: 17 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

SB-36

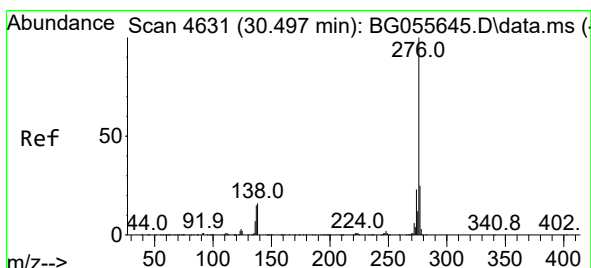
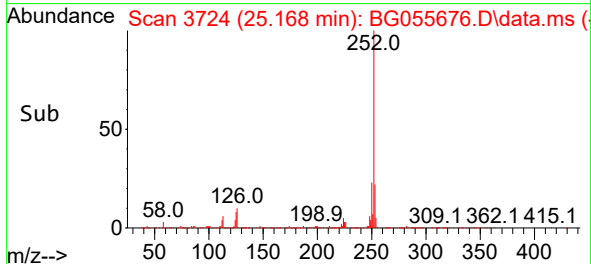
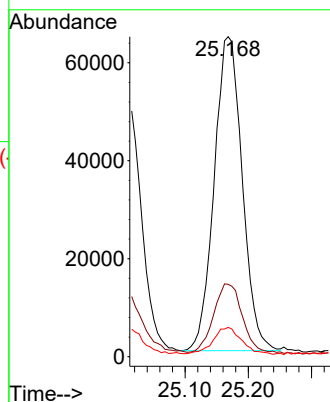
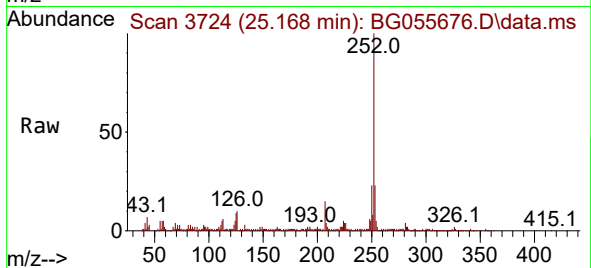
Tgt Ion:252 Resp: 197406

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 9.1 6.4 9.6



#92

Benzo(g,h,i)perylene

Concen: 5.676 ng

RT: 30.480 min Scan# 4628

Delta R.T. -0.018 min

Lab File: BG055676.D

Acq: 17 Nov 2022 22:03

Tgt Ion:276 Resp: 115551

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.6

138 16.7 13.1 19.7

