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 Data File : BG055705.D
 Acq On : 19 Nov 2022 1:05
 Operator : CG/JU
 Sample : N5695-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-1-111722

Quant Time: Nov 19 01:55:20 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

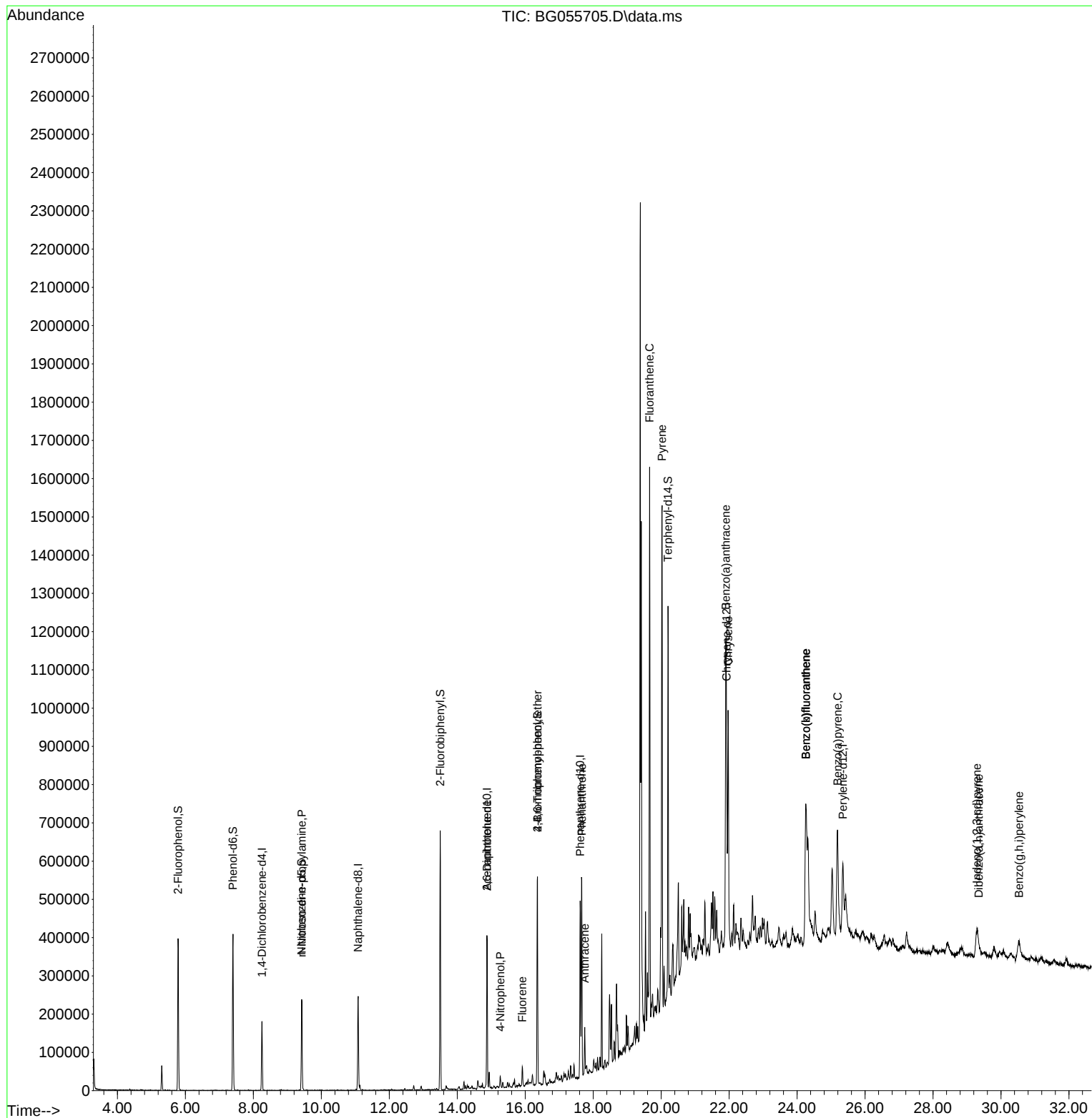
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	51565	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	214274	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	146353	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	310993	20.000	ng	0.00
76) Chrysene-d12	21.924	240	282118	20.000	ng	0.00
86) Perylene-d12	25.350	264	255432	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	175980	61.687	ng	0.00
7) Phenol-d6	7.400	99	231024	60.835	ng	0.01
23) Nitrobenzene-d5	9.421	82	143247	35.335	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	114485	55.553	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	350119	35.840	ng	0.00
79) Terphenyl-d14	20.203	244	510424	36.187	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.427	70	19910	6.824	ng	# 73
51) 2,6-Dinitrotoluene	14.874	165	19919	8.350	ng	# 26
56) 4-Nitrophenol	15.268	139	5026	2.445	ng	# 8
58) Fluorene	15.914	166	22794	2.074	ng	99
67) 4-Bromophenyl-phenylether	16.360	248	7569	2.136	ng	# 1
71) Phenanthrene	17.665	178	336971	20.079	ng	100
72) Anthracene	17.753	178	84944	5.209	ng	99
75) Fluoranthene	19.662	202	916106	44.869	ng	99
78) Pyrene	20.027	202	886963	46.448	ng	98
81) Benzo(a)anthracene	21.901	228	530079	27.280	ng	99
83) Chrysene	21.971	228	500194	27.040	ng	99
87) Indeno(1,2,3-cd)pyrene	29.292	276	187406	8.956	ng	# 86
88) Benzo(b)fluoranthene	24.257	252	550609	33.099	ng	95
89) Benzo(k)fluoranthene	24.257	252	550609	33.205	ng	94
90) Benzo(a)pyrene	25.191	252	486283	34.065	ng	95
91) Dibenzo(a,h)anthracene	29.345	278	40548	2.371	ng	# 64
92) Benzo(g,h,i)perylene	30.532	276	148386	8.610	ng	95

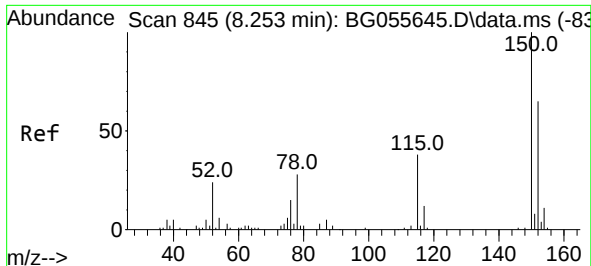
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055705.D
Acq On : 19 Nov 2022 1:05
Operator : CG/JU
Sample : N5695-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-1-111722

Quant Time: Nov 19 01:55:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
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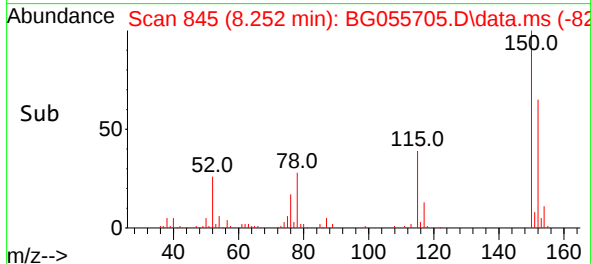
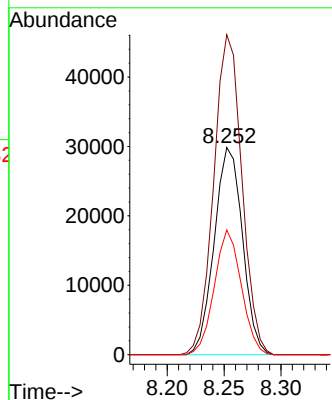
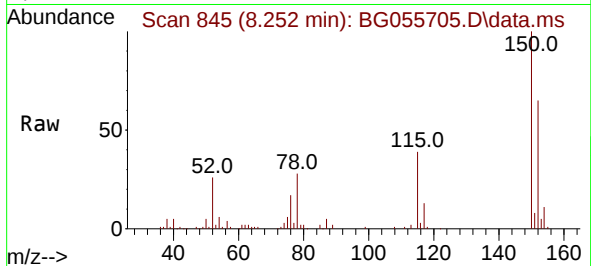




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.252 min Scan# 845
 Delta R.T. -0.001 min
 Lab File: BG055705.D
 Acq: 19 Nov 2022 1:05

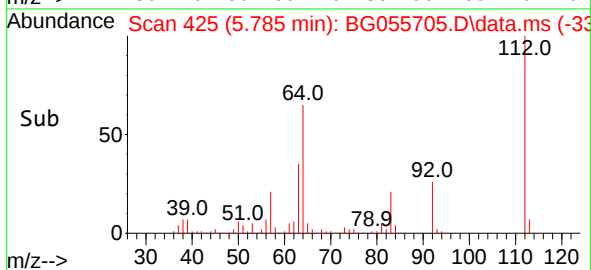
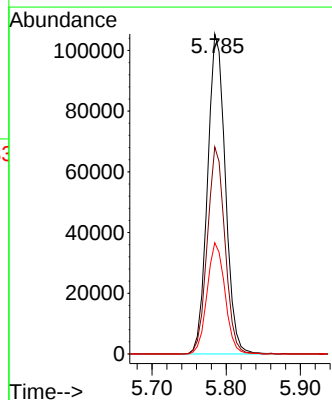
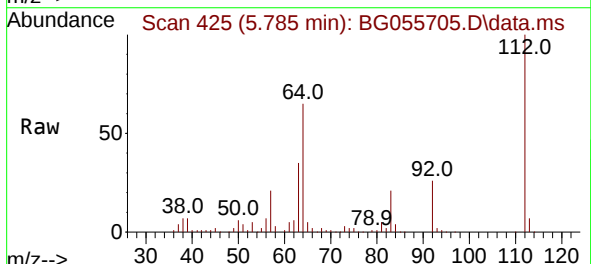
Instrument :
 BNA_G
 ClientSampleId :
 HD-1-111722

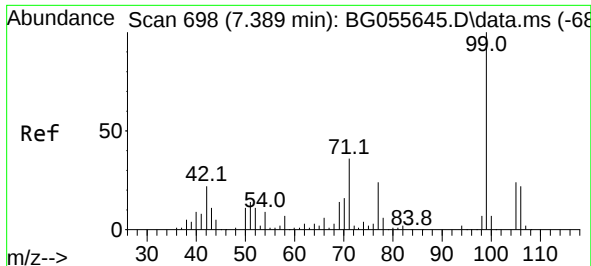
Tgt Ion:152 Resp: 51565
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.0 184.6
 115 60.2 47.0 70.4



#5
 2-Fluorophenol
 Concen: 61.687 ng
 RT: 5.785 min Scan# 425
 Delta R.T. 0.005 min
 Lab File: BG055705.D
 Acq: 19 Nov 2022 1:05

Tgt Ion:112 Resp: 175980
 Ion Ratio Lower Upper
 112 100
 64 64.7 50.6 76.0
 63 34.8 27.5 41.3

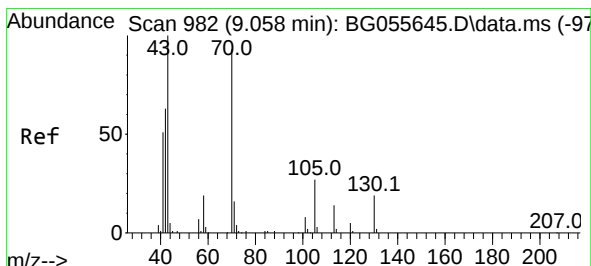
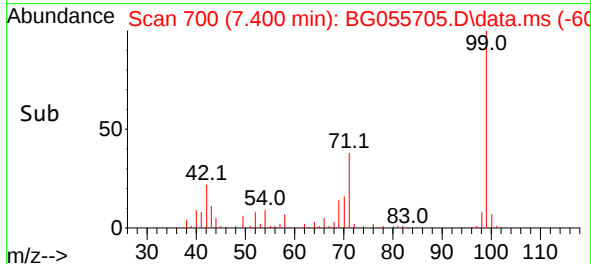
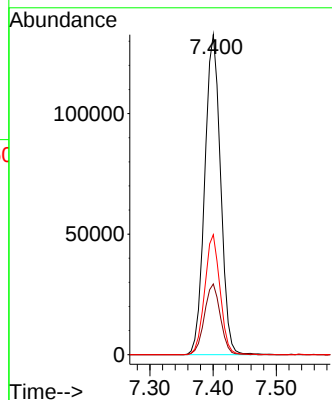
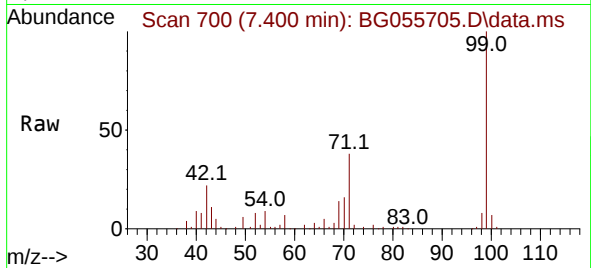




#7
Phenol-d6
Concen: 60.835 ng
RT: 7.400 min Scan# 70
Delta R.T. 0.011 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

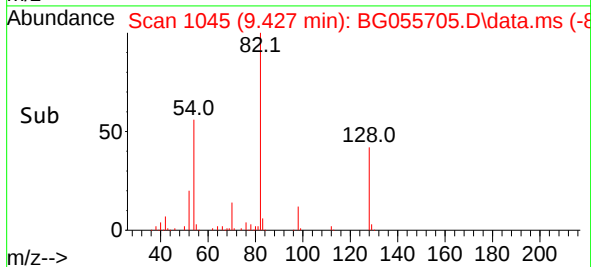
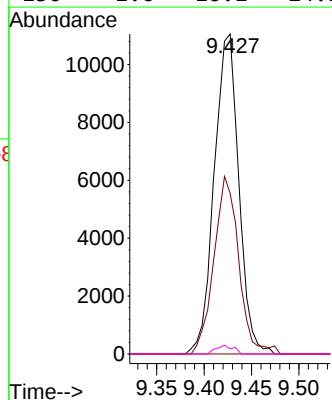
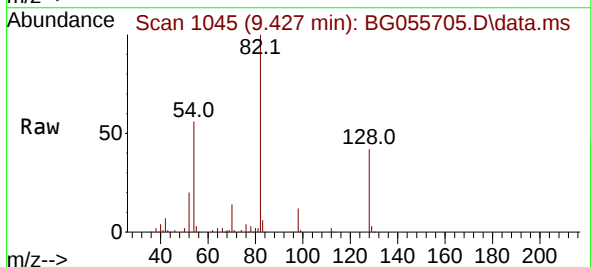
Instrument :
BNA_G
ClientSampleId :
HD-1-111722

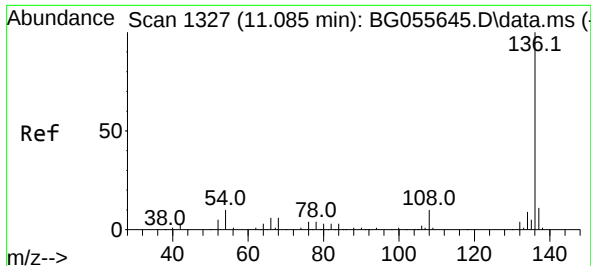
Tgt Ion: 99 Resp: 231024
Ion Ratio Lower Upper
99 100
42 22.1 18.0 27.0
71 37.5 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 6.824 ng
RT: 9.427 min Scan# 1045
Delta R.T. 0.370 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

Tgt Ion: 70 Resp: 19910
Ion Ratio Lower Upper
70 100
42 50.2 55.2 82.8#
101 0.0 7.1 10.7#
130 1.6 16.1 24.1#

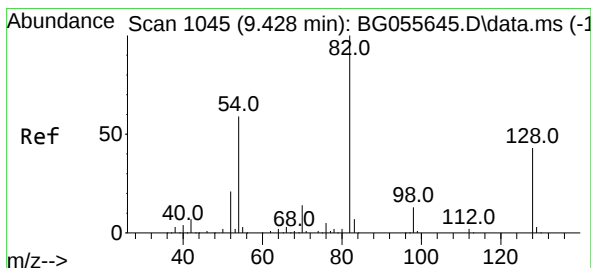
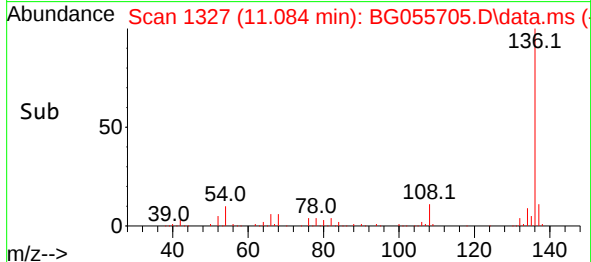
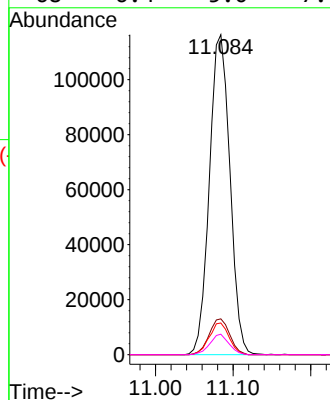
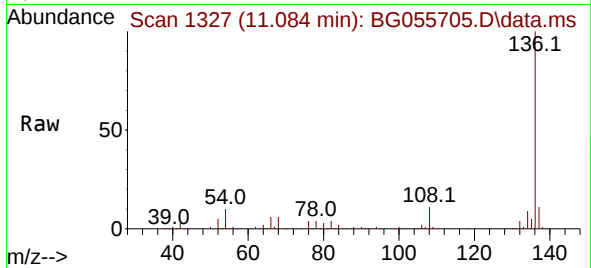




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

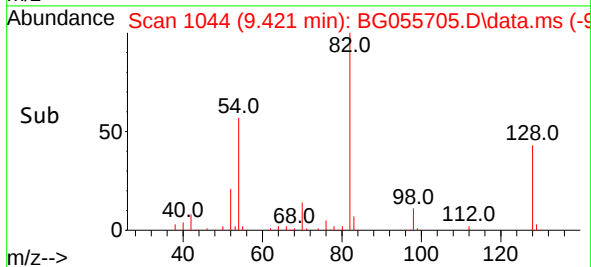
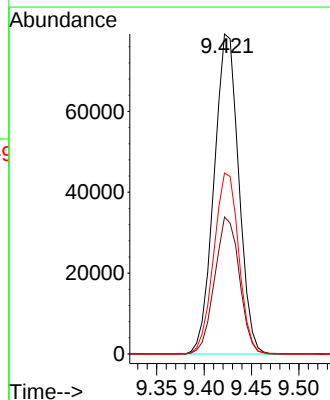
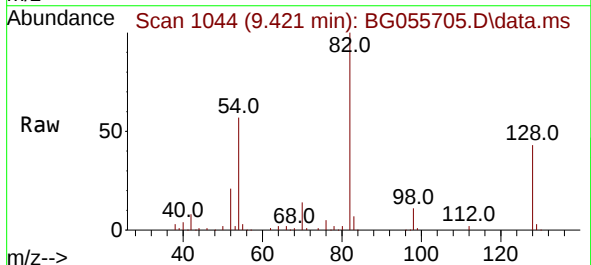
Instrument :
BNA_G
ClientSampleId :
HD-1-111722

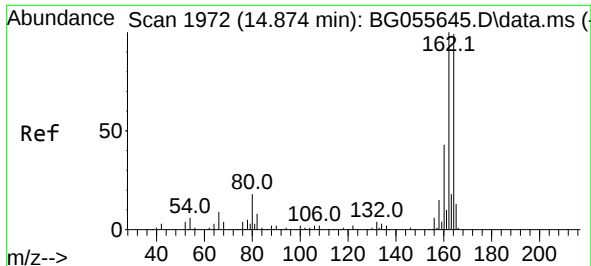
Tgt Ion:	136	Resp:	214274
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	9.9	7.8	11.6
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 35.335 ng
RT: 9.421 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

Tgt Ion:	82	Resp:	143247
Ion Ratio	Lower	Upper	
82	100		
128	42.8	34.1	51.1
54	56.6	47.3	70.9

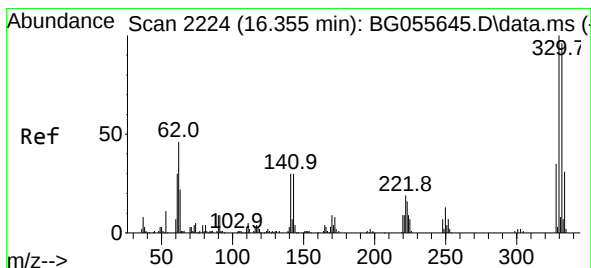
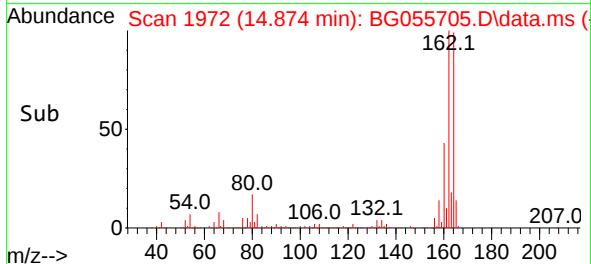
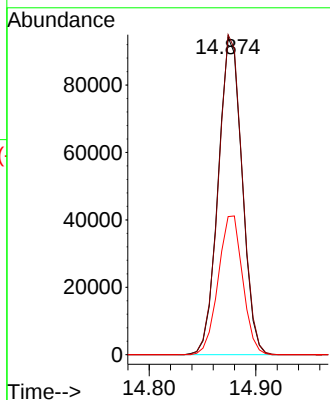
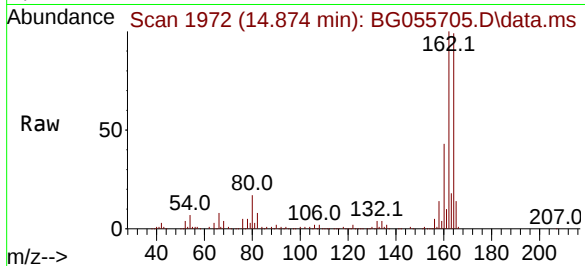




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

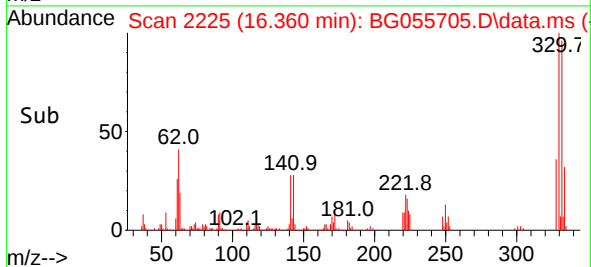
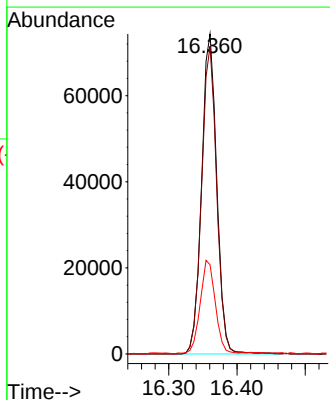
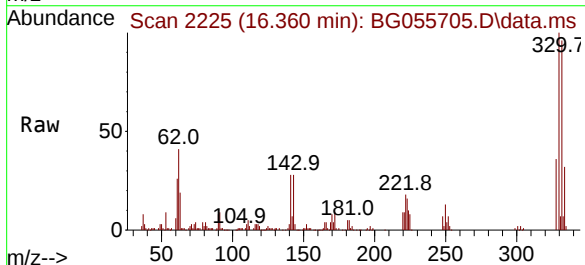
Instrument :
BNA_G
ClientSampleId :
HD-1-111722

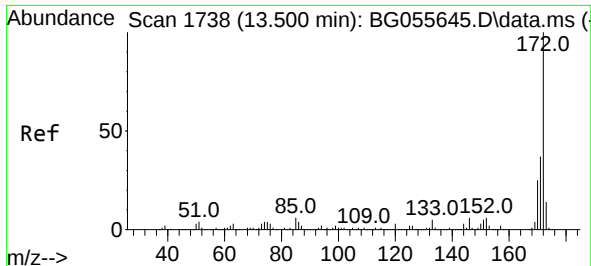
Tgt Ion:164 Resp: 146353
Ion Ratio Lower Upper
164 100
162 100.8 81.1 121.7
160 43.5 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 55.553 ng
RT: 16.360 min Scan# 2225
Delta R.T. 0.005 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

Tgt Ion:330 Resp: 114485
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 29.5 23.9 35.9

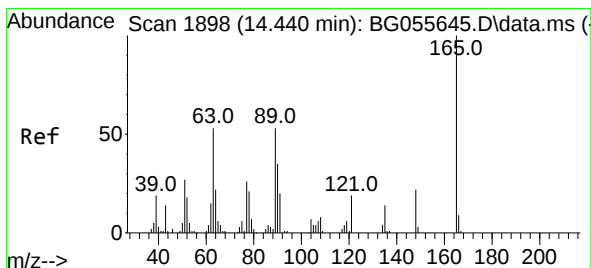
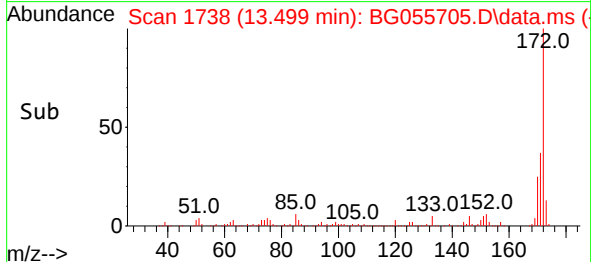
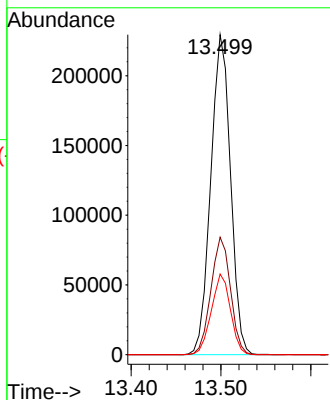
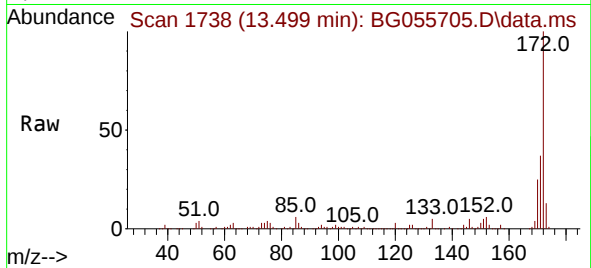




#45
2-Fluorobiphenyl
Concen: 35.840 ng
RT: 13.499 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

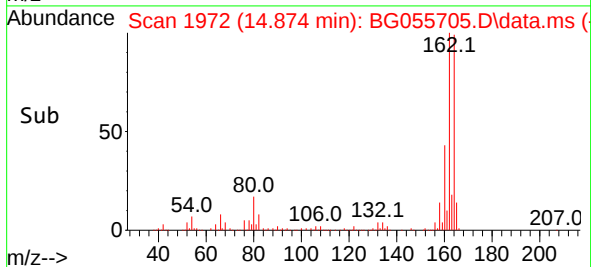
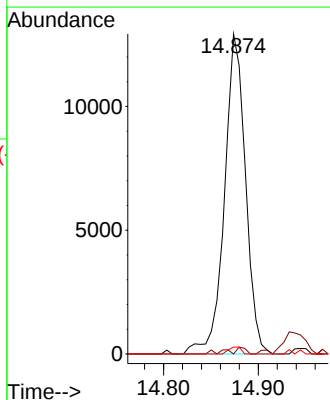
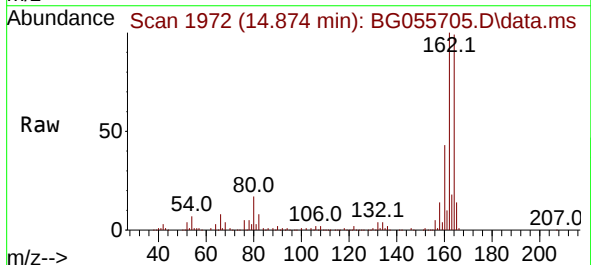
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ClientSampleId :
HD-1-111722

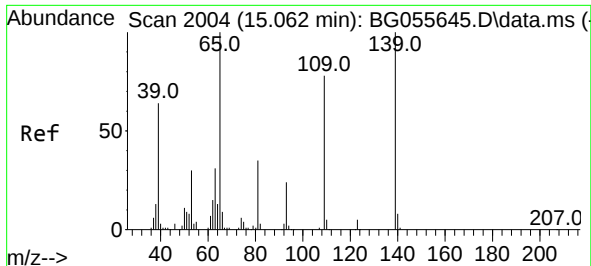
Tgt Ion:172 Resp: 350119
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 25.2 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.350 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.434 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

Tgt Ion:165 Resp: 19919
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 2.2 42.2 63.4#

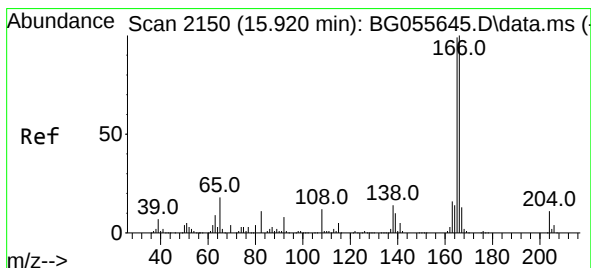
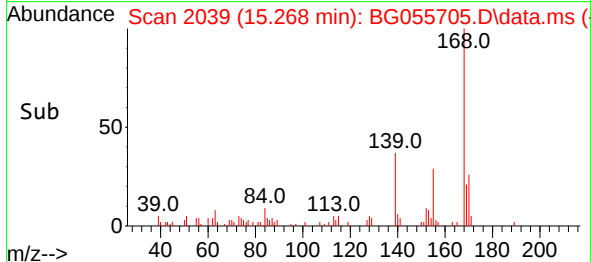
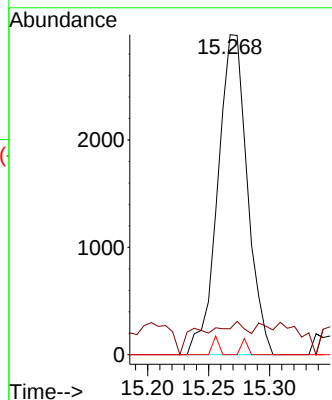
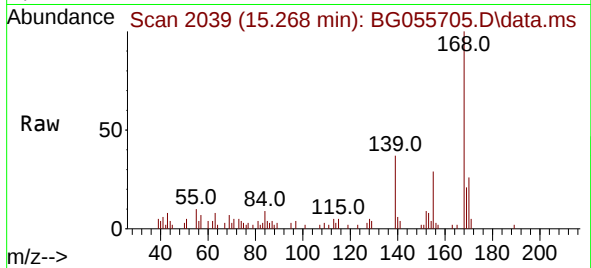




#56
4-Nitrophenol
Concen: 2.445 ng
RT: 15.268 min Scan# 20
Delta R.T. 0.205 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

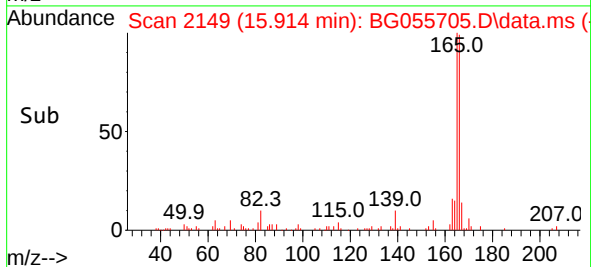
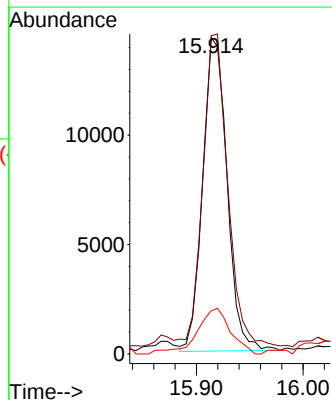
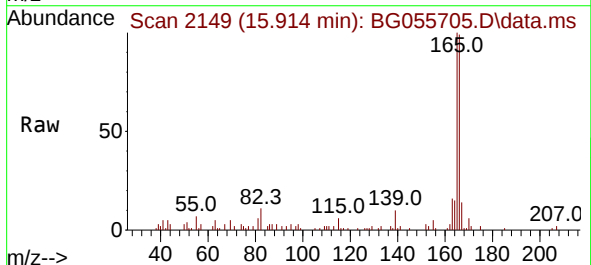
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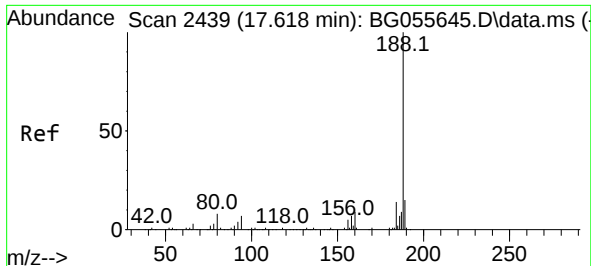
Tgt Ion:139 Resp: 5026
Ion Ratio Lower Upper
139 100
109 8.1 58.6 98.6#
65 0.0 80.5 120.5#



#58
Fluorene
Concen: 2.074 ng
RT: 15.914 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

Tgt Ion:166 Resp: 22794
Ion Ratio Lower Upper
166 100
165 100.6 79.3 118.9
167 13.7 10.6 15.8

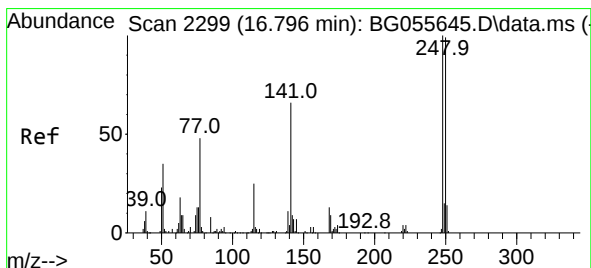
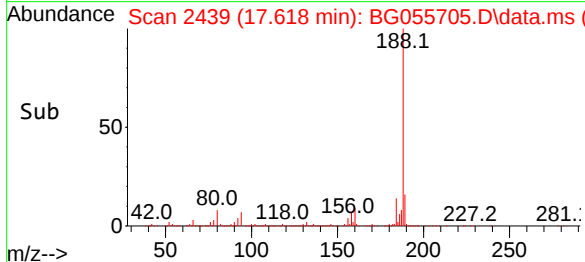
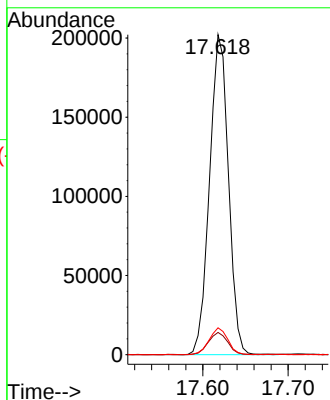
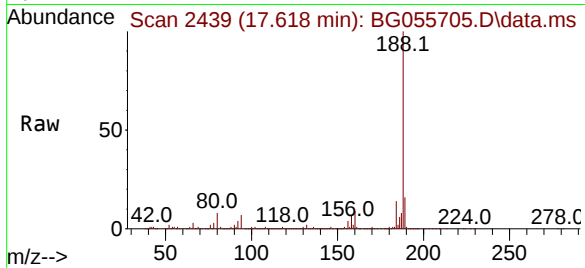




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

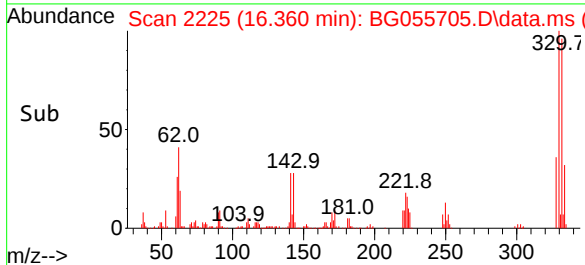
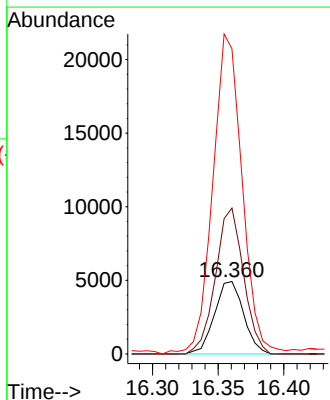
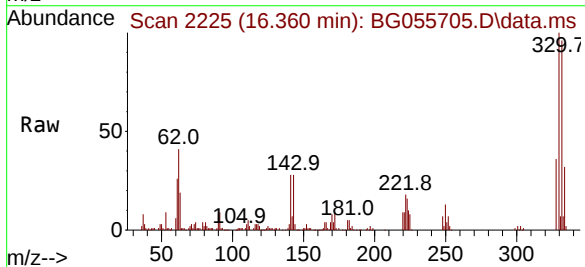
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HD-1-111722

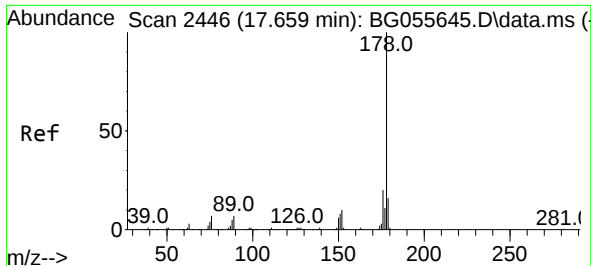
Tgt Ion:188 Resp: 310993
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.2
80 8.4 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 2.136 ng
RT: 16.360 min Scan# 2225
Delta R.T. -0.435 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

Tgt Ion:248 Resp: 7569
Ion Ratio Lower Upper
248 100
250 201.2 79.0 118.4#
141 420.6 52.9 79.3#

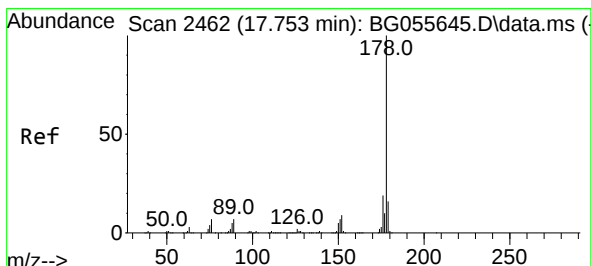
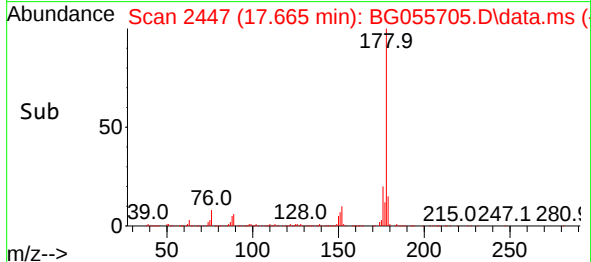
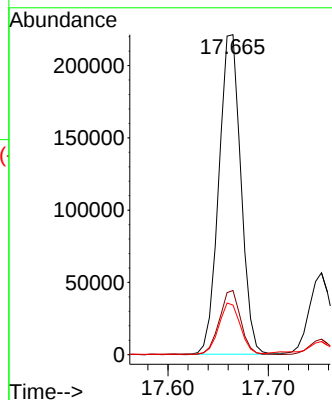
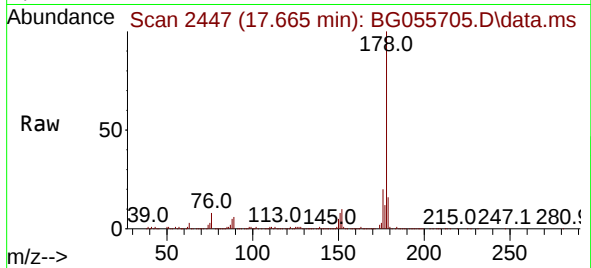




#71
Phenanthrene
Concen: 20.079 ng
RT: 17.665 min Scan# 2446
Delta R.T. 0.005 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

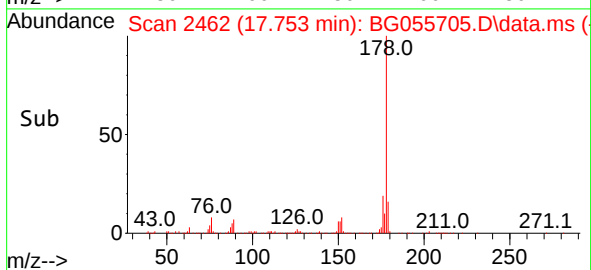
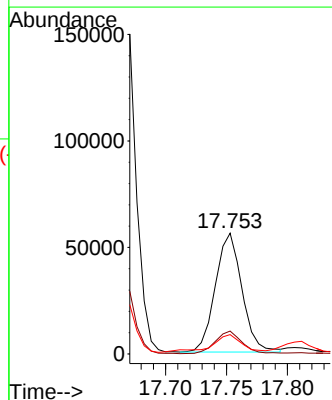
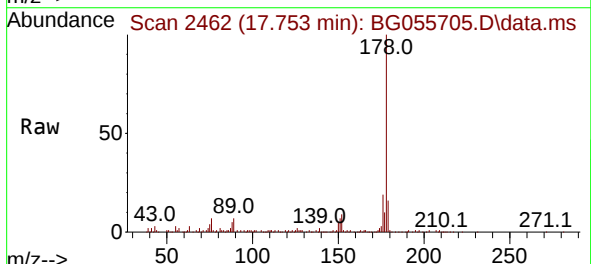
Instrument :
BNA_G
ClientSampleId :
HD-1-111722

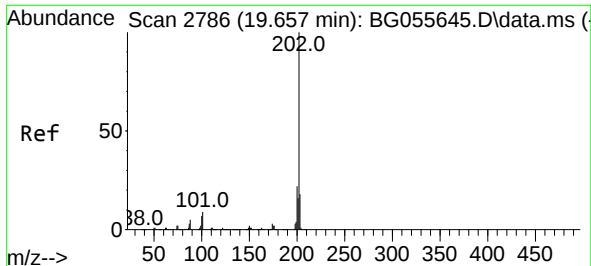
Tgt Ion:178 Resp: 336971
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.5 12.7 19.1



#72
Anthracene
Concen: 5.209 ng
RT: 17.753 min Scan# 2462
Delta R.T. -0.000 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

Tgt Ion:178 Resp: 84944
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 16.0 12.5 18.7

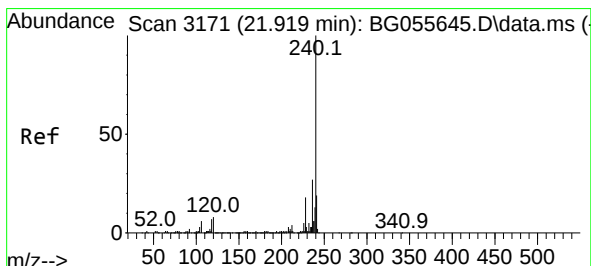
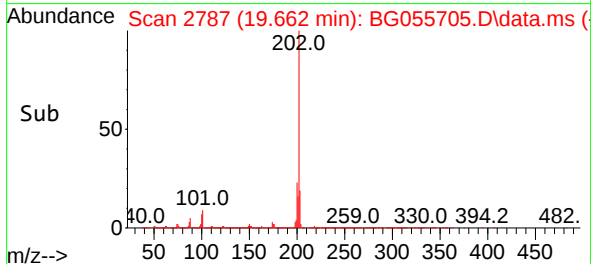
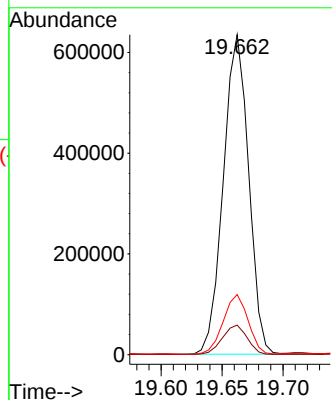
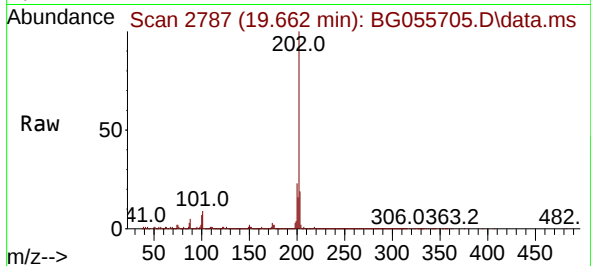




#75
Fluoranthene
Concen: 44.869 ng
RT: 19.662 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

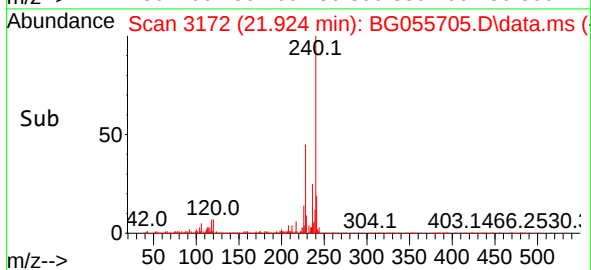
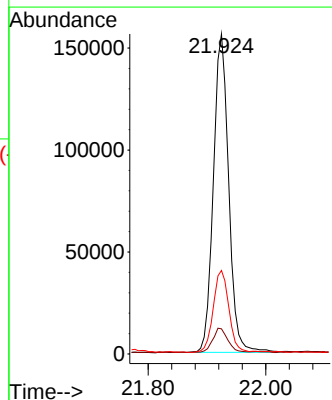
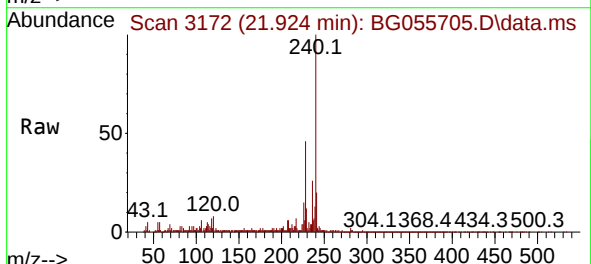
Instrument :
BNA_G
ClientSampleId :
HD-1-111722

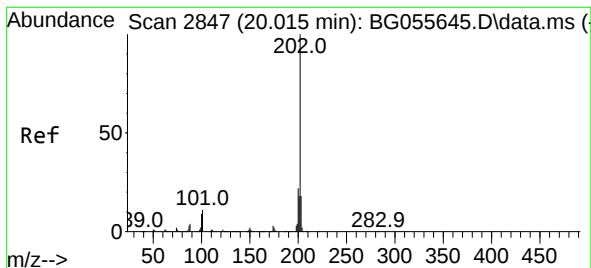
Tgt Ion:202 Resp: 916106
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.8
203 18.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. 0.005 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

Tgt Ion:240 Resp: 282118
Ion Ratio Lower Upper
240 100
120 7.9 6.3 9.5
236 26.1 21.9 32.9





#78

Pyrene

Concen: 46.448 ng

RT: 20.027 min Scan# 2849

Delta R.T. 0.011 min

Lab File: BG055705.D

Acq: 19 Nov 2022 1:05

Instrument :

BNA_G

ClientSampleId :

HD-1-111722

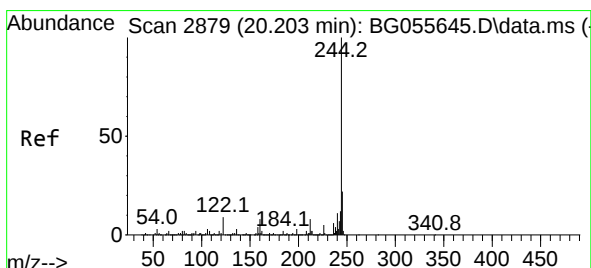
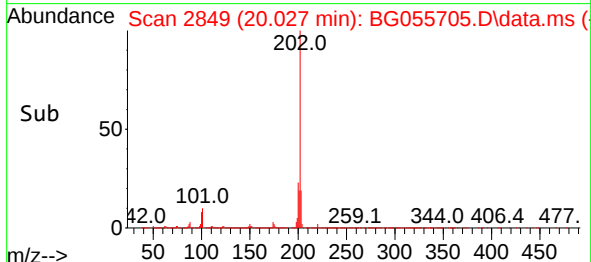
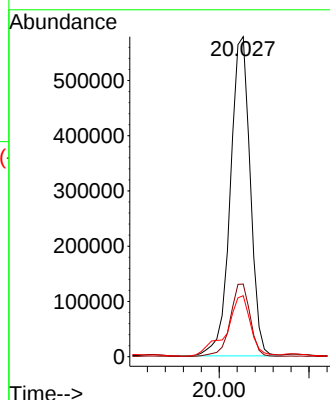
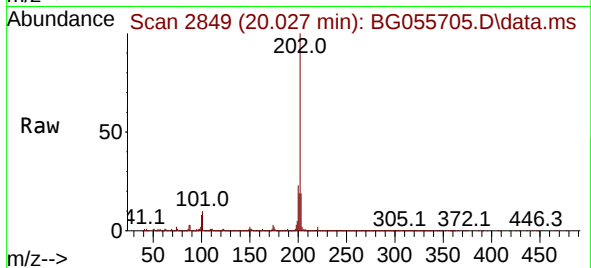
Tgt Ion:202 Resp: 886963

Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.6

203 19.1 14.4 21.6



#79

Terphenyl-d14

Concen: 36.187 ng

RT: 20.203 min Scan# 2879

Delta R.T. -0.000 min

Lab File: BG055705.D

Acq: 19 Nov 2022 1:05

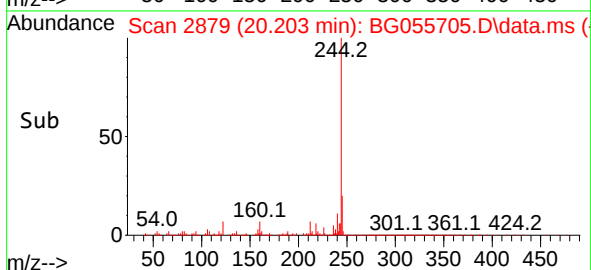
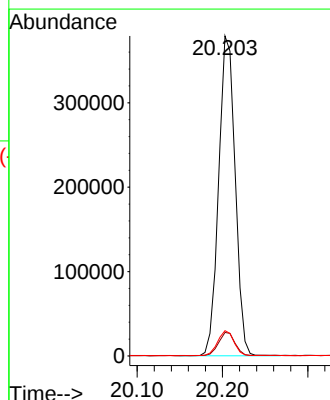
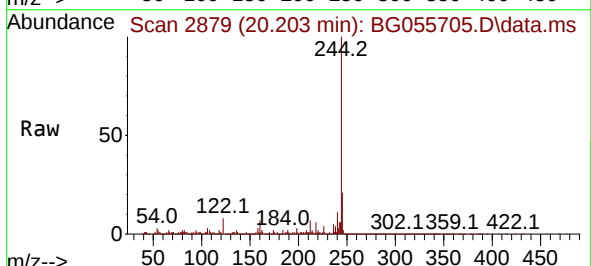
Tgt Ion:244 Resp: 510424

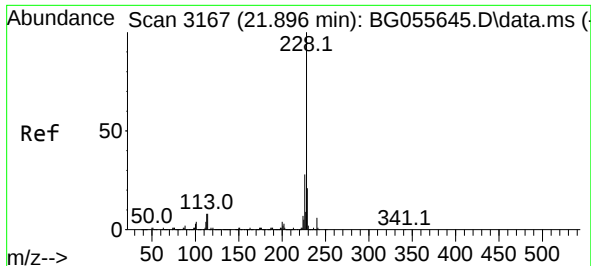
Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

122 7.9 6.9 10.3

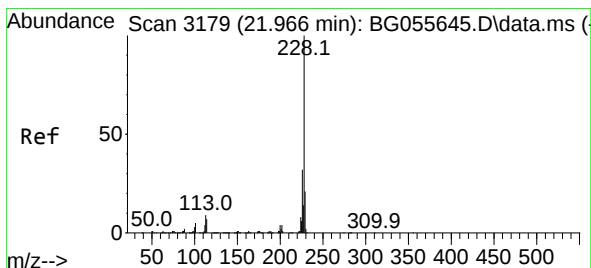
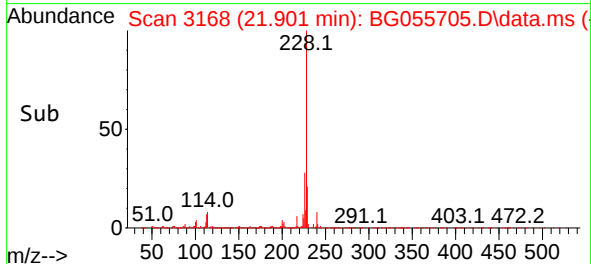
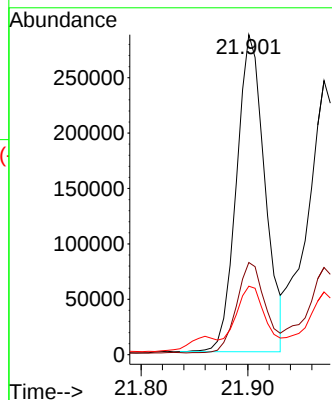
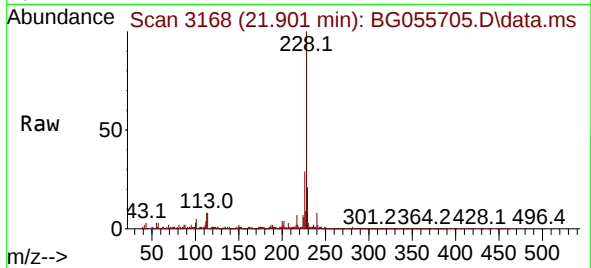




#81
Benzo(a)anthracene
Concen: 27.280 ng
RT: 21.901 min Scan# 3168
Delta R.T. 0.005 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

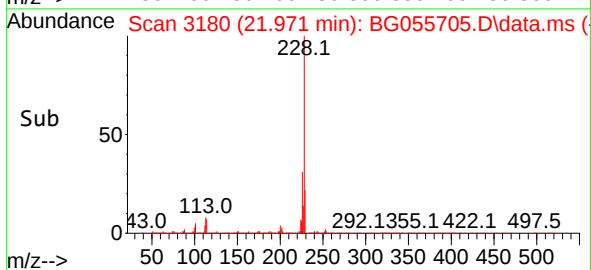
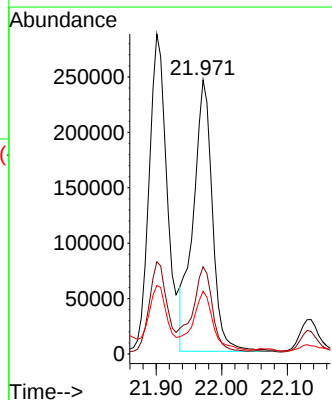
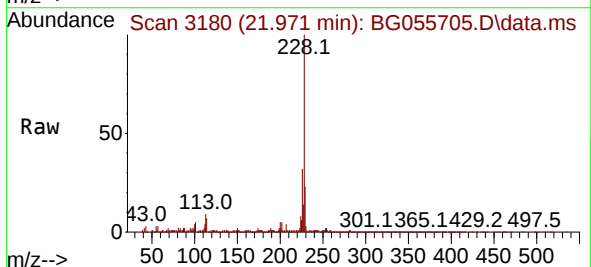
Instrument :
BNA_G
ClientSampleId :
HD-1-111722

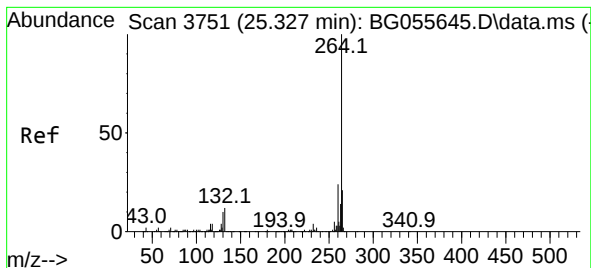
Tgt Ion:228 Resp: 530079
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 21.4 16.5 24.7



#83
Chrysene
Concen: 27.040 ng
RT: 21.971 min Scan# 3180
Delta R.T. 0.005 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

Tgt Ion:228 Resp: 500194
Ion Ratio Lower Upper
228 100
226 31.8 25.4 38.2
229 22.9 17.1 25.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.350 min Scan# 31

Delta R.T. 0.023 min

Lab File: BG055705.D

Acq: 19 Nov 2022 1:05

Instrument :

BNA_G

ClientSampleId :

HD-1-111722

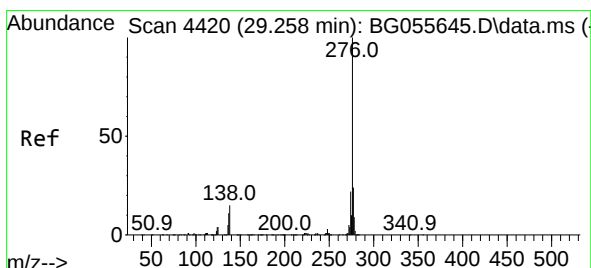
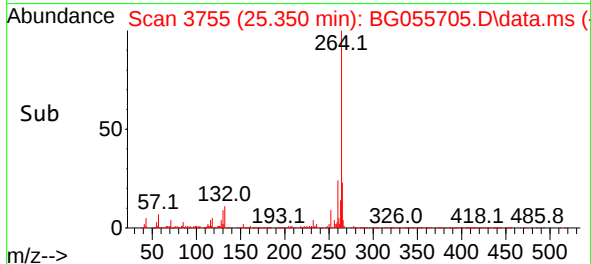
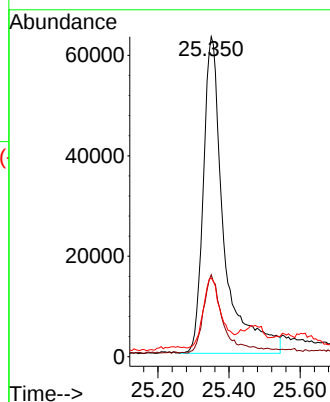
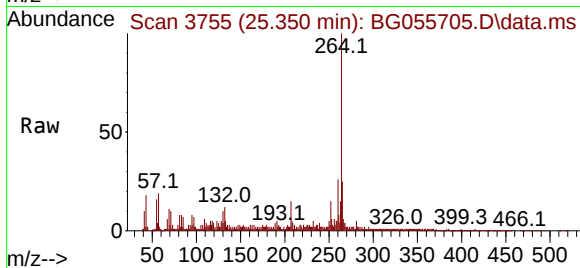
Tgt Ion:264 Resp: 255432

Ion Ratio Lower Upper

264 100

260 25.6 19.5 29.3

265 24.6 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 8.956 ng

RT: 29.292 min Scan# 4426

Delta R.T. 0.035 min

Lab File: BG055705.D

Acq: 19 Nov 2022 1:05

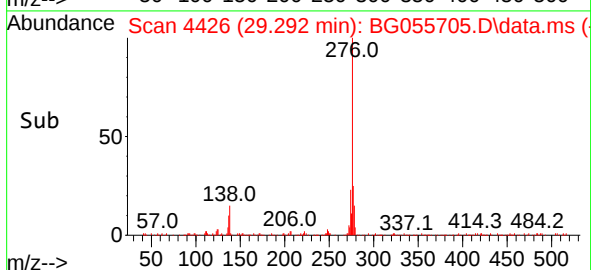
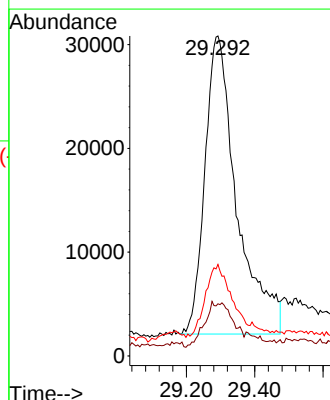
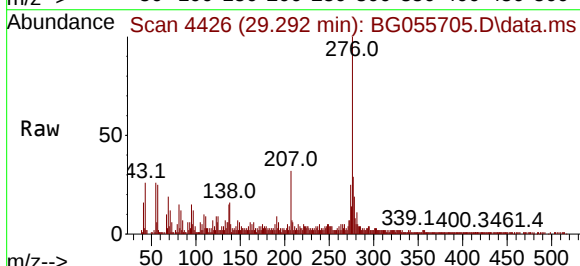
Tgt Ion:276 Resp: 187406

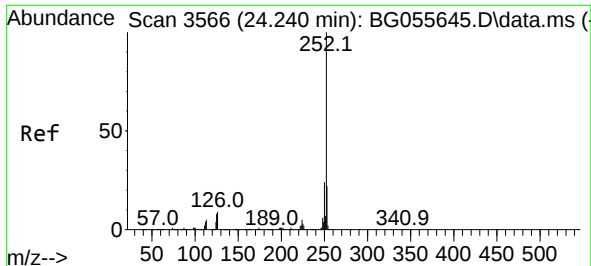
Ion Ratio Lower Upper

276 100

138 5.8 10.4 15.6#

277 19.5 20.2 30.4#

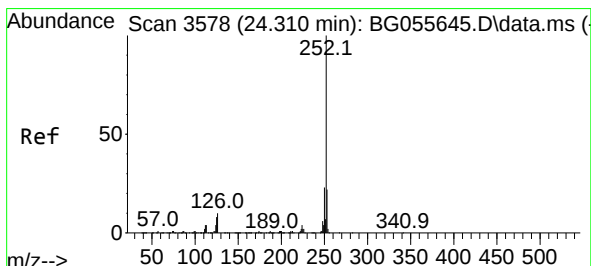
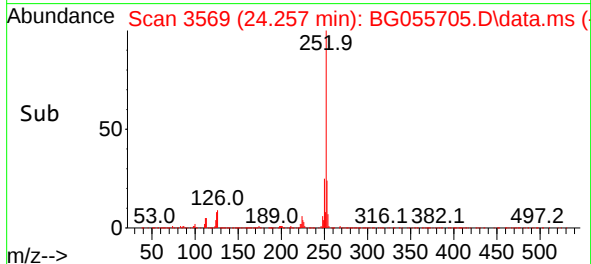
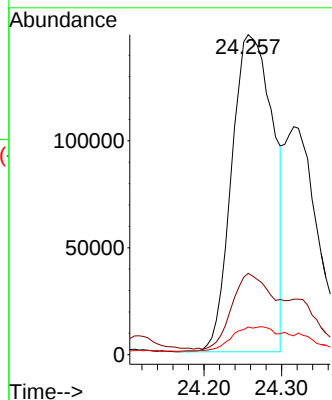
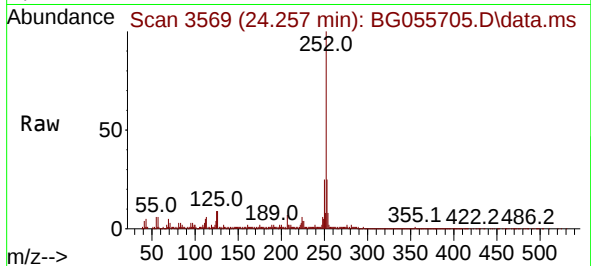




#88
Benzo(b)fluoranthene
Concen: 33.099 ng
RT: 24.257 min Scan# 3569
Delta R.T. 0.017 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

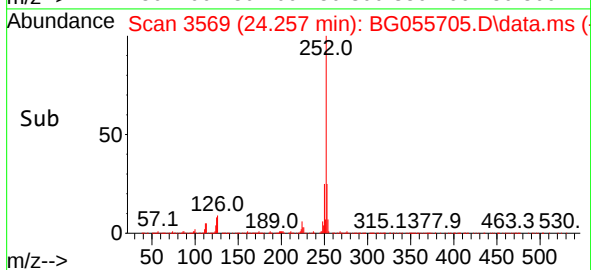
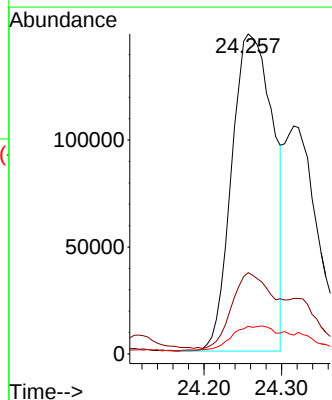
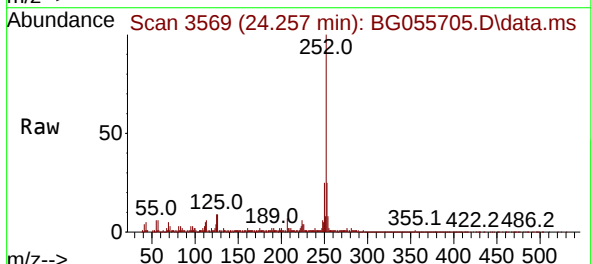
Instrument :
BNA_G
ClientSampleId :
HD-1-111722

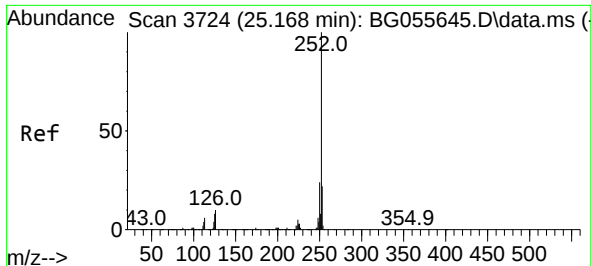
Tgt Ion:252 Resp: 550609
Ion Ratio Lower Upper
252 100
253 25.4 18.0 27.0
125 8.6 6.2 9.2



#89
Benzo(k)fluoranthene
Concen: 33.205 ng
RT: 24.257 min Scan# 3569
Delta R.T. -0.053 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

Tgt Ion:252 Resp: 550609
Ion Ratio Lower Upper
252 100
253 25.4 17.8 26.6
125 8.6 6.1 9.1

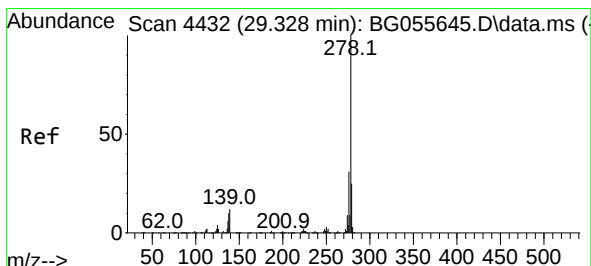
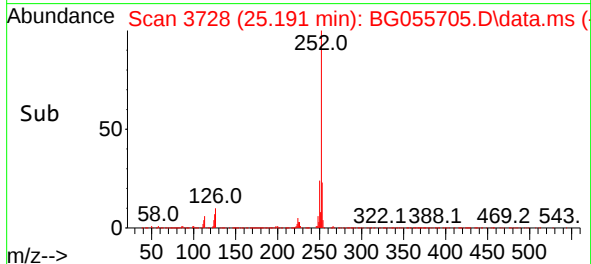
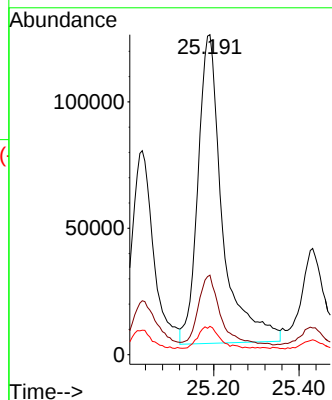
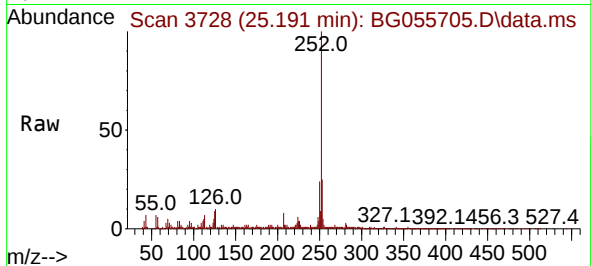




#90
Benzo(a)pyrene
Concen: 34.065 ng
RT: 25.191 min Scan# 31
Delta R.T. 0.023 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

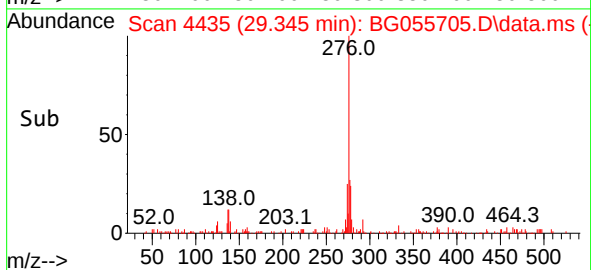
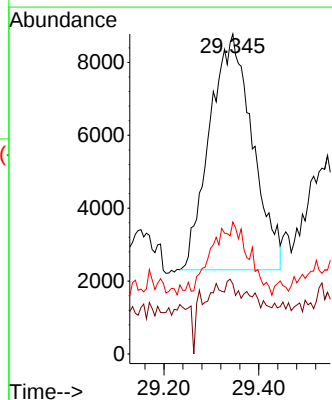
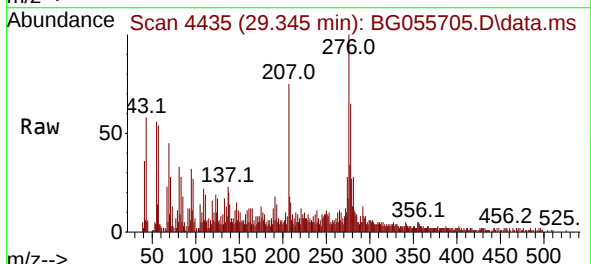
Instrument :
BNA_G
ClientSampleId :
HD-1-111722

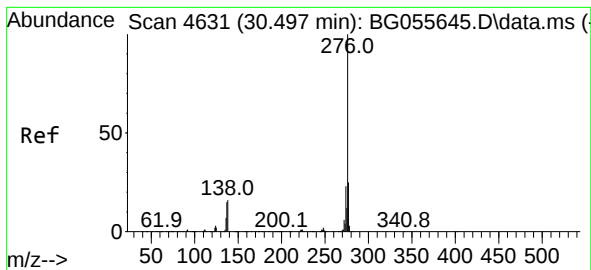
Tgt Ion:252 Resp: 486283
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.6
125 8.9 6.4 9.6



#91
Dibenzo(a,h)anthracene
Concen: 2.371 ng
RT: 29.345 min Scan# 4435
Delta R.T. 0.017 min
Lab File: BG055705.D
Acq: 19 Nov 2022 1:05

Tgt Ion:278 Resp: 40548
Ion Ratio Lower Upper
278 100
139 29.1 9.8 14.8#
279 41.2 19.8 29.6#





#92

Benzo(g,h,i)perylene

Concen: 8.610 ng

RT: 30.532 min Scan# 4

Delta R.T. 0.035 min

Lab File: BG055705.D

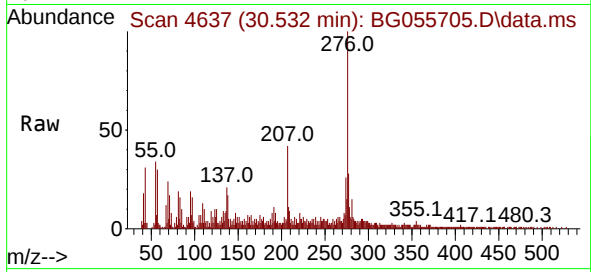
Acq: 19 Nov 2022 1:05

Instrument :

BNA_G

ClientSampleId :

HD-1-111722



Tgt Ion:276 Resp: 148386

Ion Ratio Lower Upper

276 100

277 28.2 19.8 29.6

138 17.3 13.1 19.7

