

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055291.D
 Acq On : 26 Oct 2022 1:38
 Operator : CG/JU
 Sample : N5257-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 14:49:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

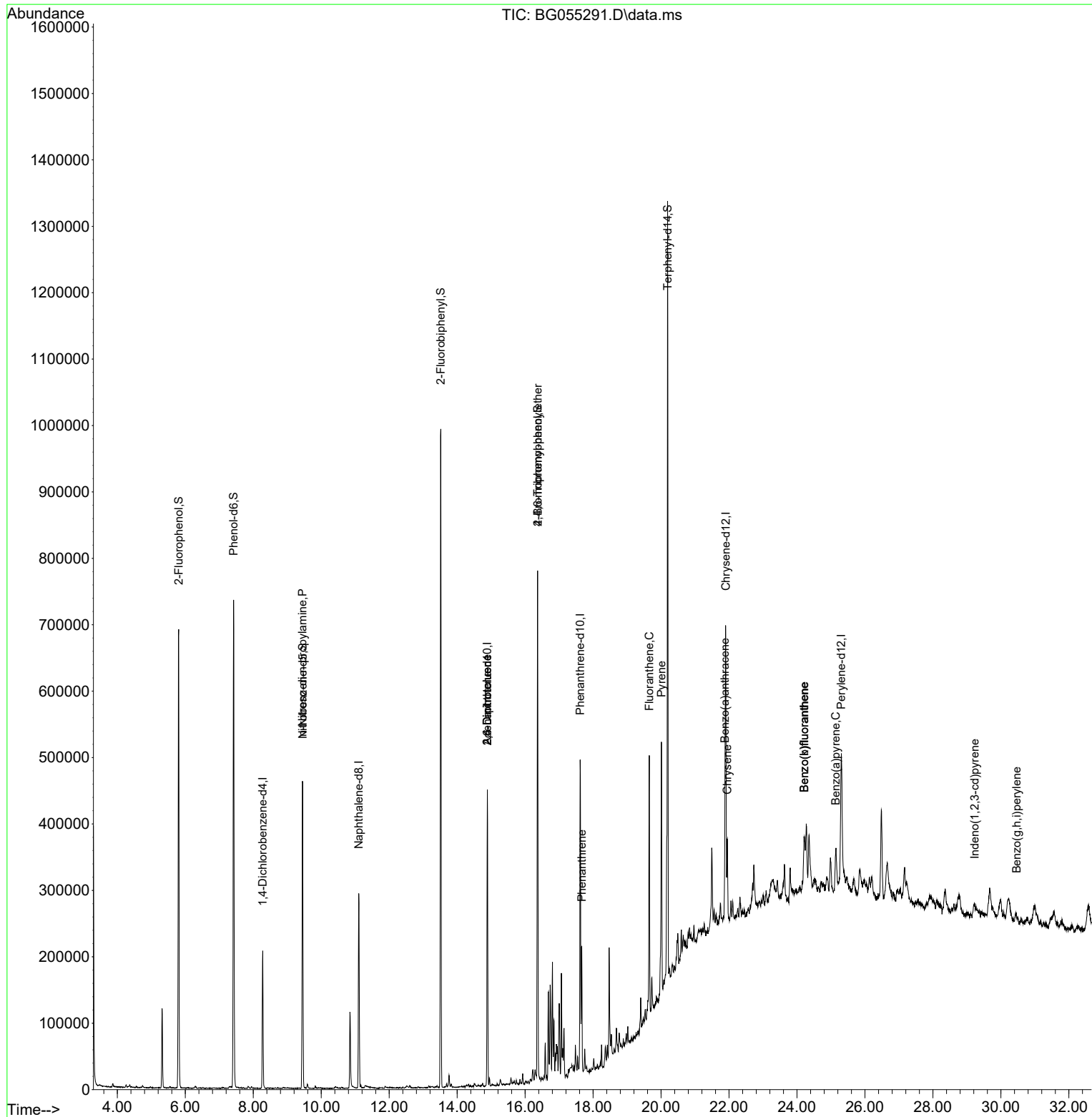
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	59038	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	252709	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	150672	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	285404	20.000	ng	0.00
76) Chrysene-d12	21.902	240	253840	20.000	ng	0.00
86) Perylene-d12	25.303	264	242698	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	319473	94.751	ng	0.01
7) Phenol-d6	7.419	99	447132	91.534	ng	0.00
23) Nitrobenzene-d5	9.451	82	294555	59.519	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	143438	87.572	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	508381	55.226	ng	0.00
79) Terphenyl-d14	20.192	244	544609	44.576	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.446	70	39706	9.788	ng	# 78
51) 2,6-Dinitrotoluene	14.886	165	19680	8.175	ng	# 20
57) 2,4-Dinitrotoluene	14.886	165	19680	5.634	ng	# 19
67) 4-Bromophenyl-phenylether	16.367	248	9328	3.364	ng	# 1
71) Phenanthrene	17.665	178	116255	7.638	ng	99
75) Fluoranthene	19.651	202	220800	12.449	ng	99
78) Pyrene	20.010	202	178837	10.279	ng	99
81) Benzo(a)anthracene	21.878	228	84872	4.979	ng	98
83) Chrysene	21.949	228	91775	5.668	ng	97
87) Indeno(1,2,3-cd)pyrene	29.228	276	37247	2.078	ng	# 85
88) Benzo(b)fluoranthene	24.216	252	113908	7.803	ng	# 88
89) Benzo(k)fluoranthene	24.216	252	113908	7.727	ng	# 90
90) Benzo(a)pyrene	25.139	252	70474	5.629	ng	# 93
92) Benzo(g,h,i)perylene	30.462	276	32633	2.237	ng	# 81

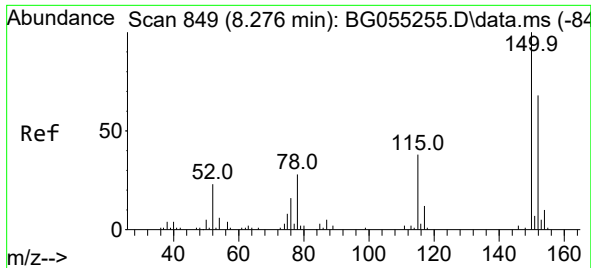
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG055291.D
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Operator : CG/JU
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Instrument :
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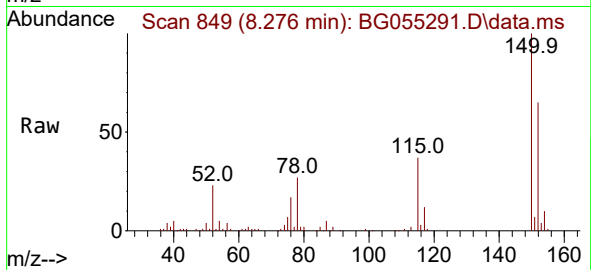
Quant Time: Oct 26 14:49:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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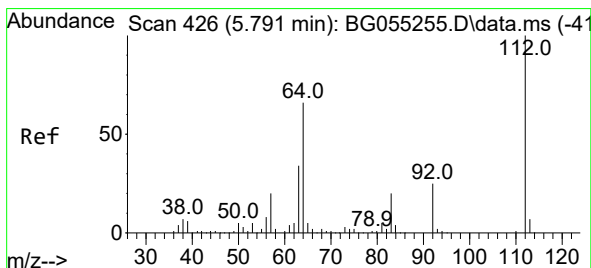
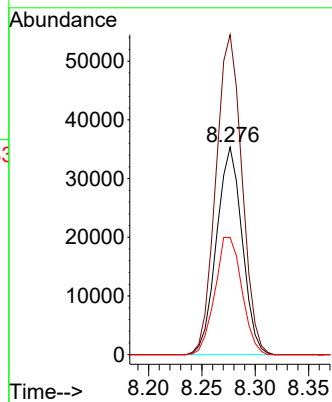
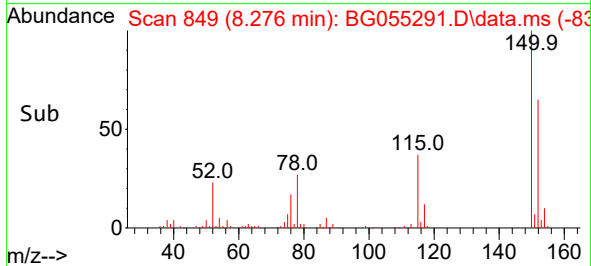


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 849
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

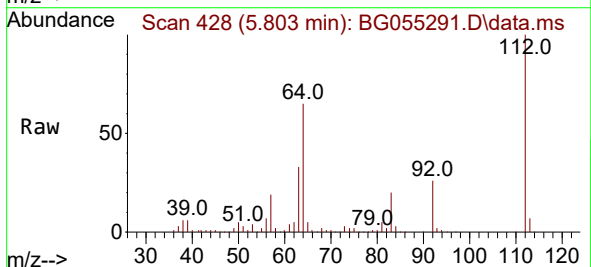
Instrument :
BNA_G
ClientSampleId :



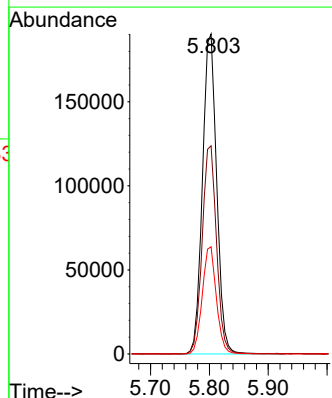
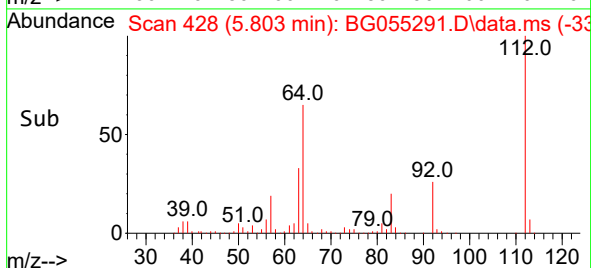
Tgt Ion:152 Resp: 59038
Ion Ratio Lower Upper
152 100
150 154.2 118.2 177.4
115 56.4 44.5 66.7



#5
2-Fluorophenol
Concen: 94.751 ng
RT: 5.803 min Scan# 428
Delta R.T. 0.012 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38



Tgt Ion:112 Resp: 319473
Ion Ratio Lower Upper
112 100
64 65.1 52.6 78.8
63 33.5 27.1 40.7

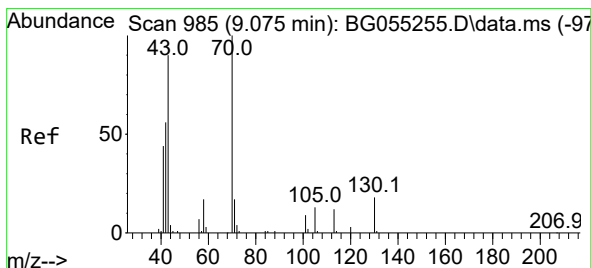
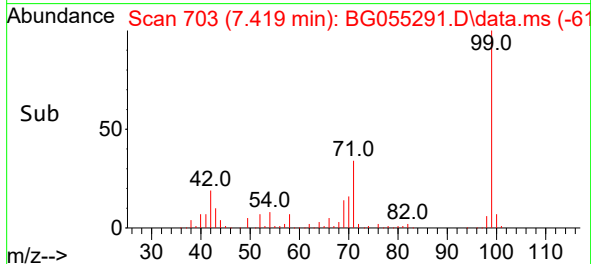
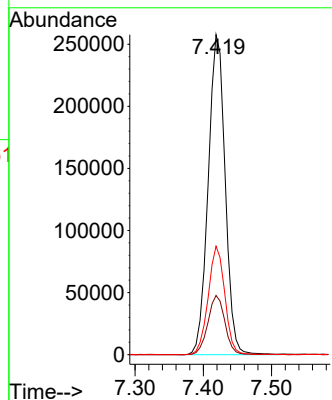
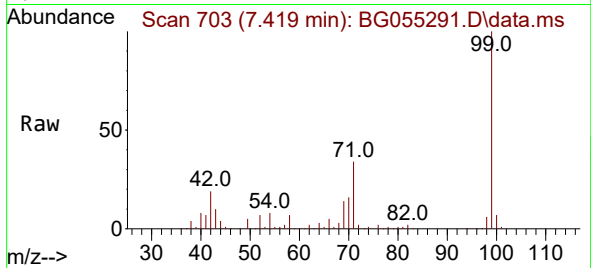




#7
Phenol-d6
Concen: 91.534 ng
RT: 7.419 min Scan# 702
Delta R.T. 0.006 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

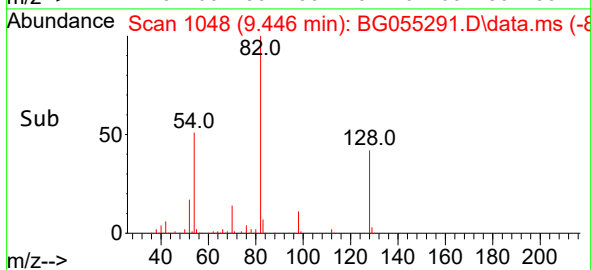
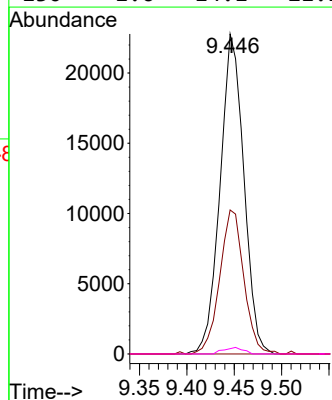
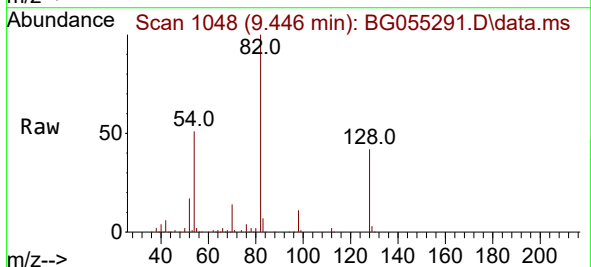
Instrument :
BNA_G
ClientSampleId :

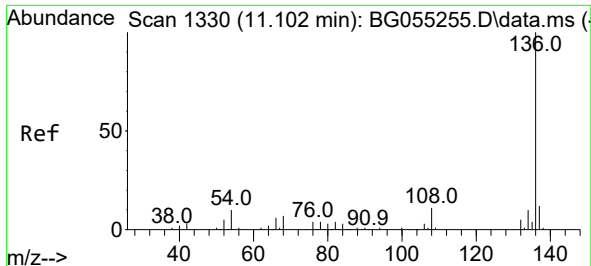
Tgt Ion: 99 Resp: 447132
Ion Ratio Lower Upper
99 100
42 18.5 15.2 22.8
71 33.9 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.788 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.370 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

Tgt Ion: 70 Resp: 39706
Ion Ratio Lower Upper
70 100
42 45.0 45.8 68.6#
101 0.0 7.4 11.0#
130 1.6 14.1 21.1#

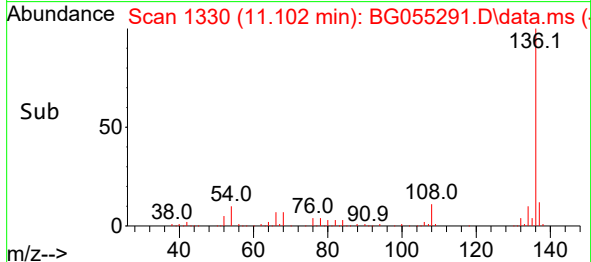
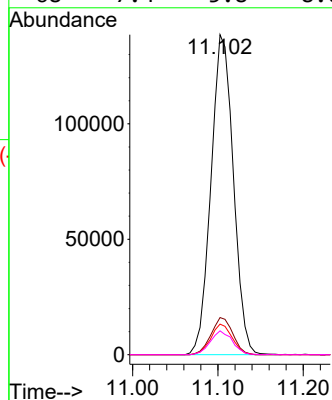
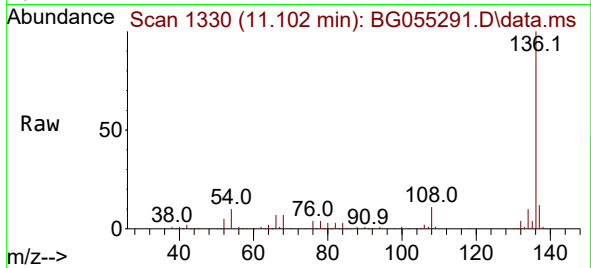




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

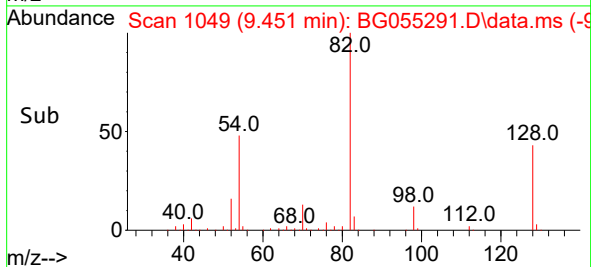
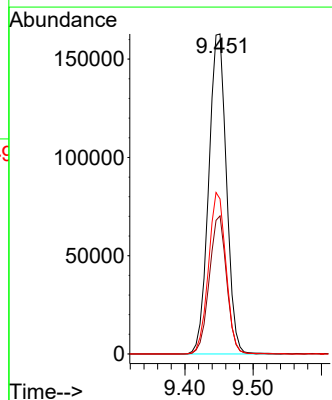
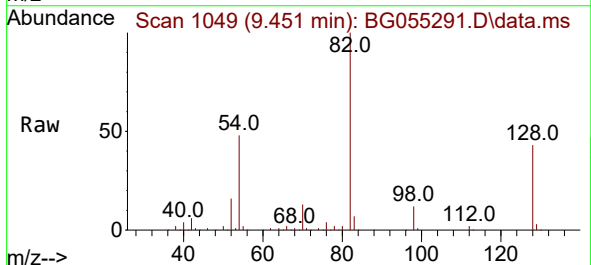
Instrument :
BNA_G
ClientSampleId :

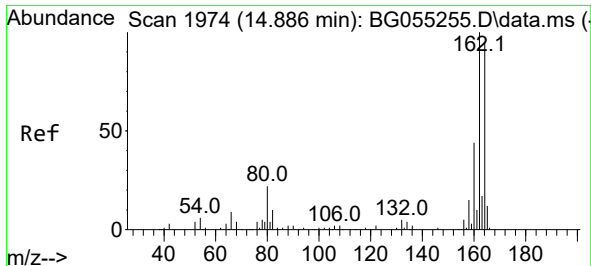
Tgt Ion:	136	Resp:	252709
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.2	13.8
54	9.6	7.8	11.8
68	7.4	5.8	8.6



#23
Nitrobenzene-d5
Concen: 59.519 ng
RT: 9.451 min Scan# 1049
Delta R.T. 0.006 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

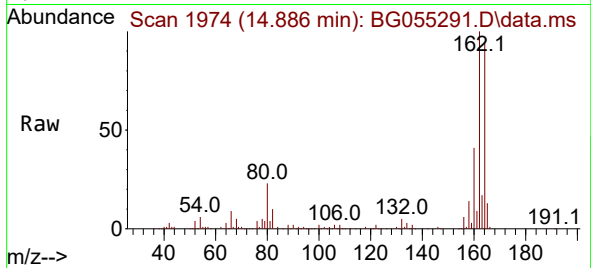
Tgt Ion:	82	Resp:	294555
Ion Ratio	Lower	Upper	
82	100		
128	43.1	32.0	48.0
54	48.5	40.9	61.3



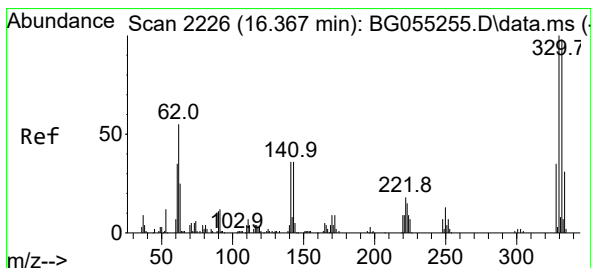
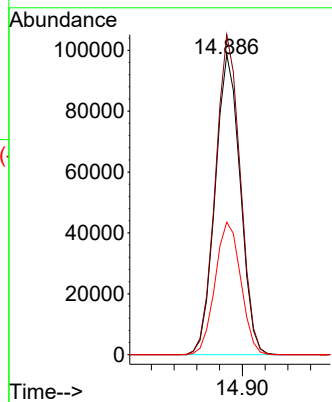
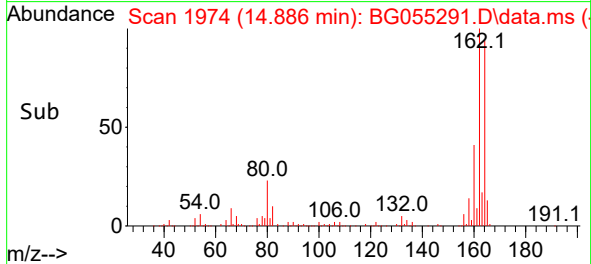


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

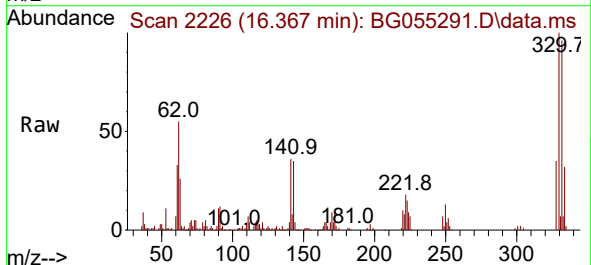
Instrument :
BNA_G
ClientSampleId :



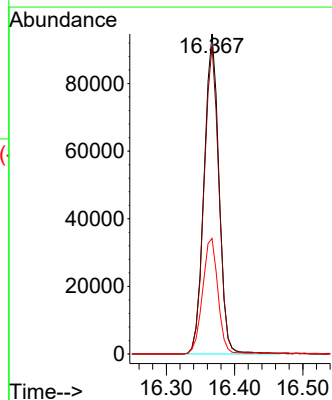
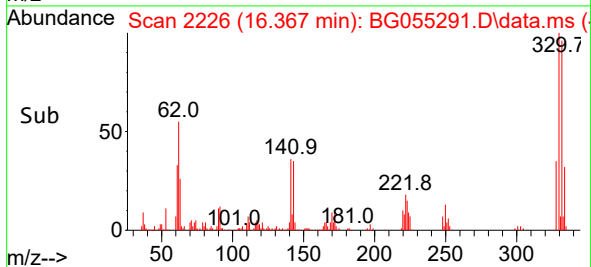
Tgt Ion:164 Resp: 150672
Ion Ratio Lower Upper
164 100
162 106.6 84.0 126.0
160 44.1 36.7 55.1

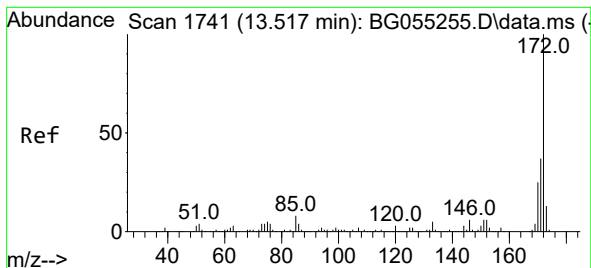


#42
2,4,6-Tribromophenol
Concen: 87.572 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38



Tgt Ion:330 Resp: 143438
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 37.4 29.8 44.8

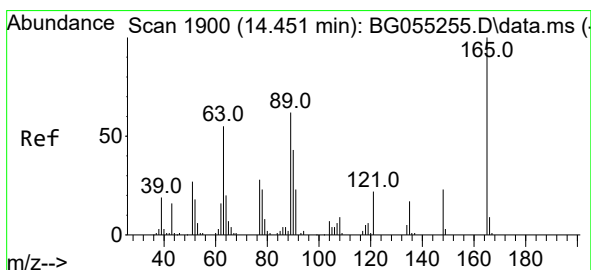
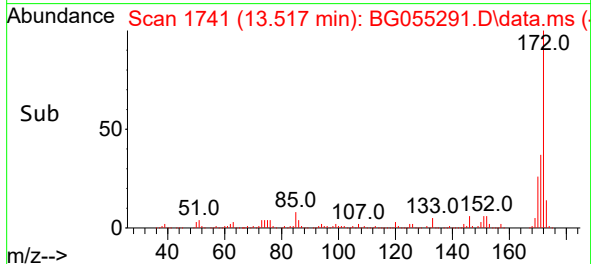
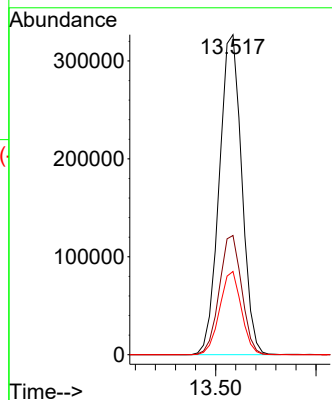
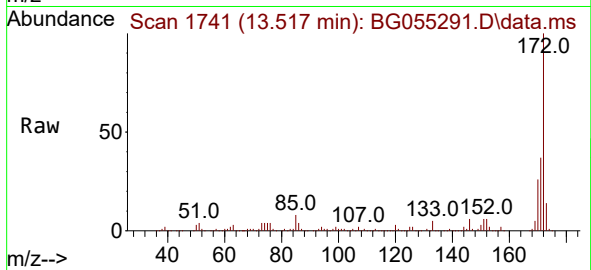




#45
2-Fluorobiphenyl
Concen: 55.226 ng
RT: 13.517 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

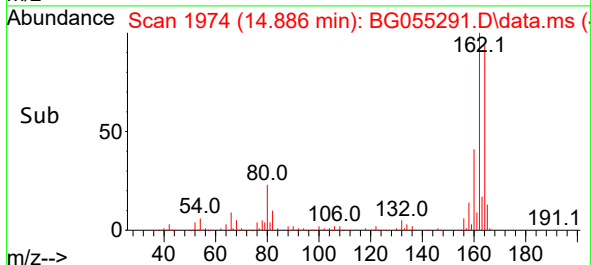
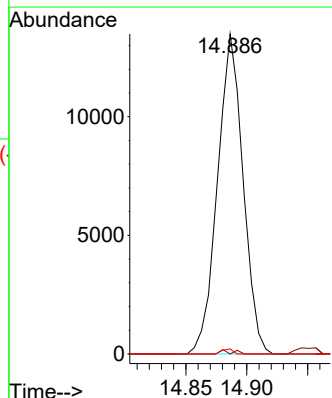
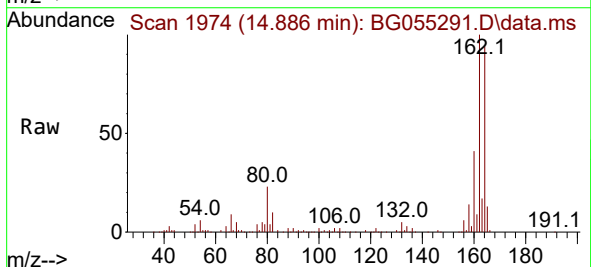
Instrument :
BNA_G
ClientSampleId :

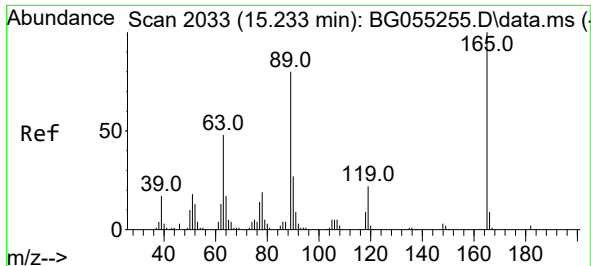
Tgt Ion:172 Resp: 508381
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 26.0 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.175 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.435 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

Tgt Ion:165 Resp: 19680
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 1.6 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.634 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.347 min

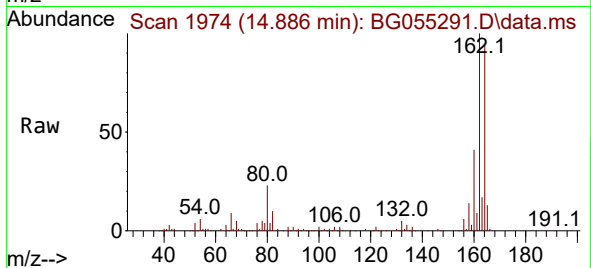
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Acq: 26 Oct 2022 1:38

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 19680

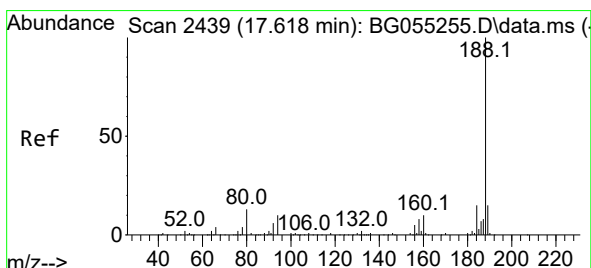
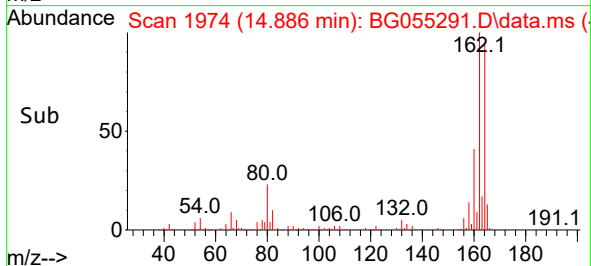
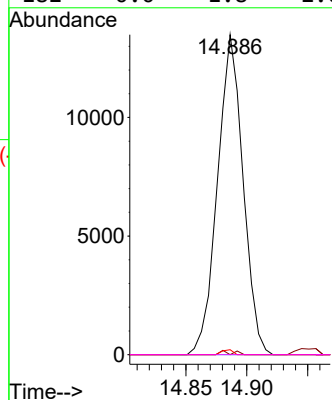
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 1.6 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BG055291.D

Acq: 26 Oct 2022 1:38

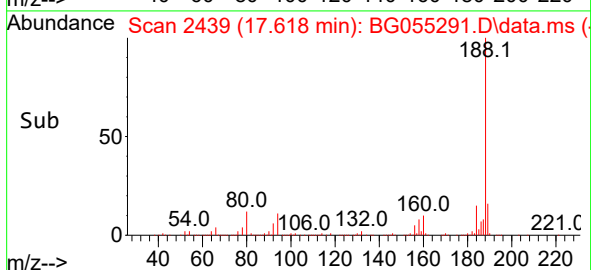
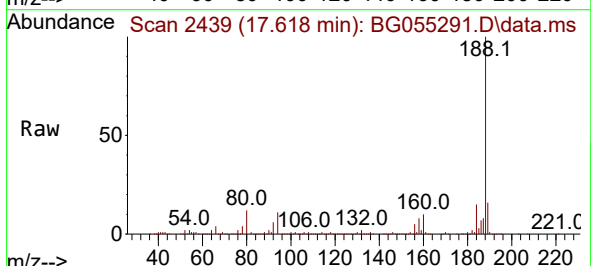
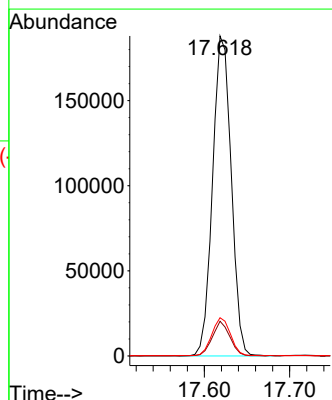
Tgt Ion:188 Resp: 285404

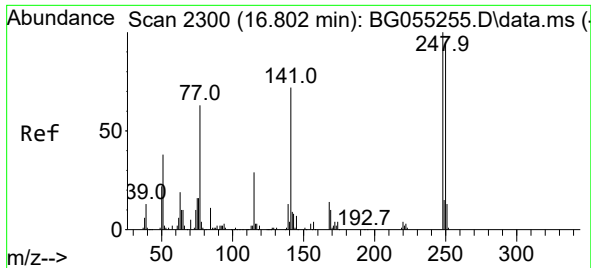
Ion Ratio Lower Upper

188 100

94 10.9 8.2 12.4

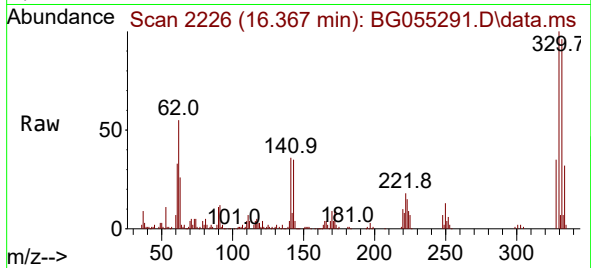
80 11.9 10.1 15.1



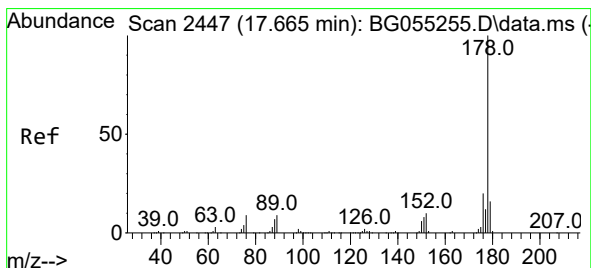
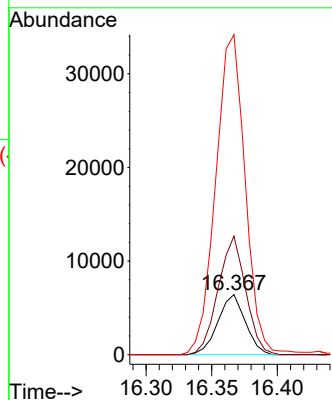
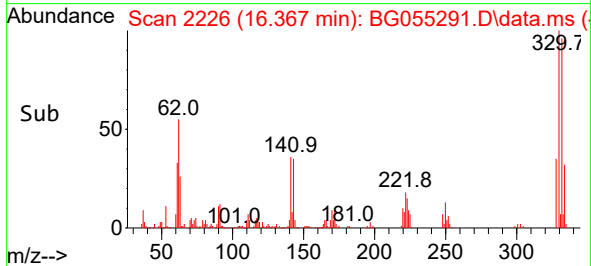


#67
4-Bromophenyl-phenylether
Concen: 3.364 ng
RT: 16.367 min Scan# 211
Delta R.T. -0.435 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

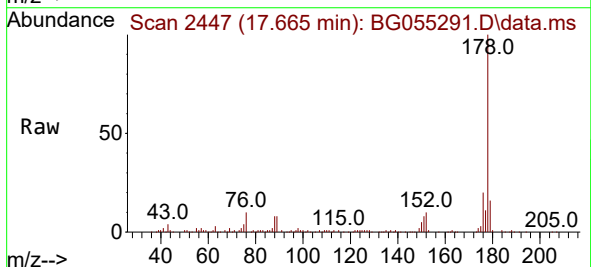
Instrument :
BNA_G
ClientSampleId :



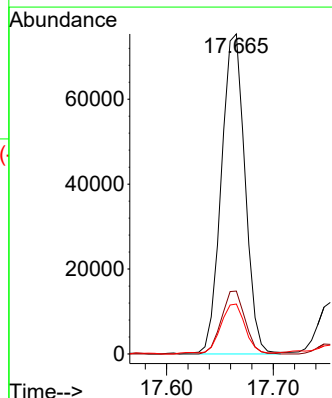
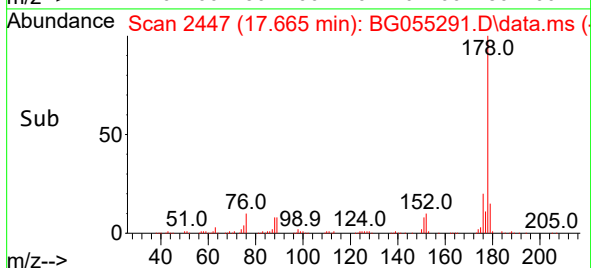
Tgt Ion:248 Resp: 9328
Ion Ratio Lower Upper
248 100
250 197.1 76.0 114.0#
141 532.2 58.0 87.0#

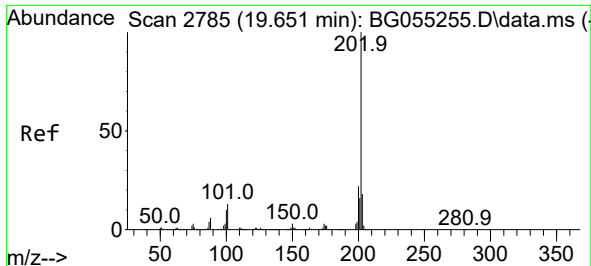


#71
Phenanthrene
Concen: 7.638 ng
RT: 17.665 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38



Tgt Ion:178 Resp: 116255
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.6 12.6 19.0

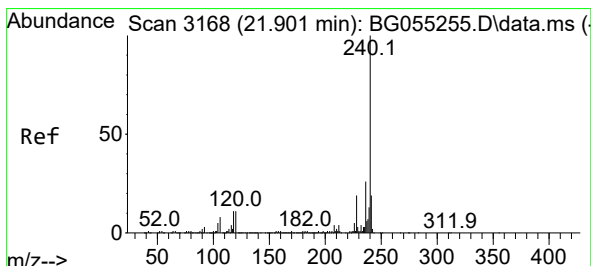
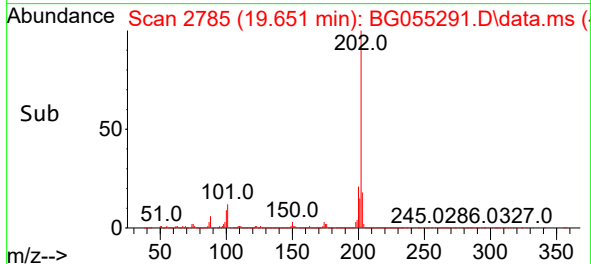
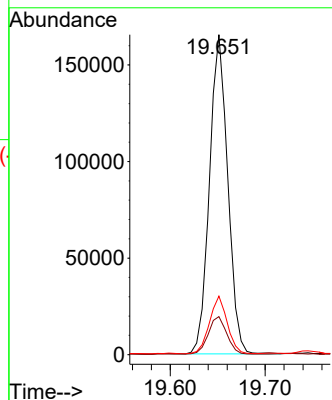
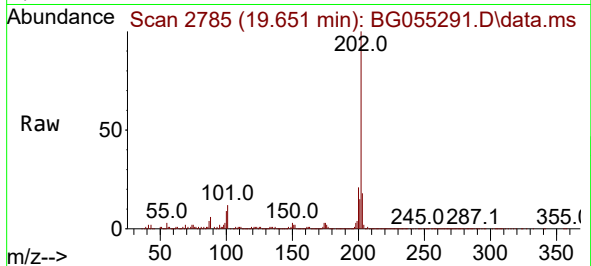




#75
Fluoranthene
Concen: 12.449 ng
RT: 19.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

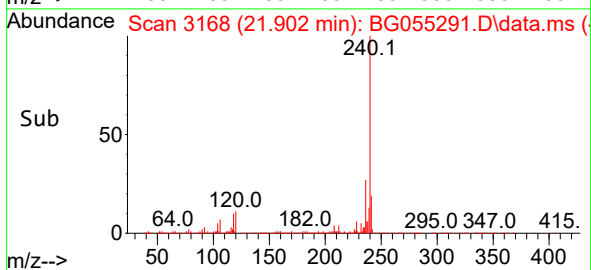
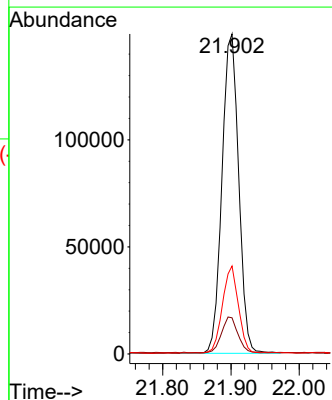
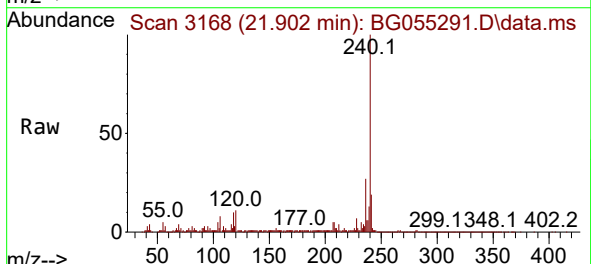
Instrument :
BNA_G
ClientSampleId :

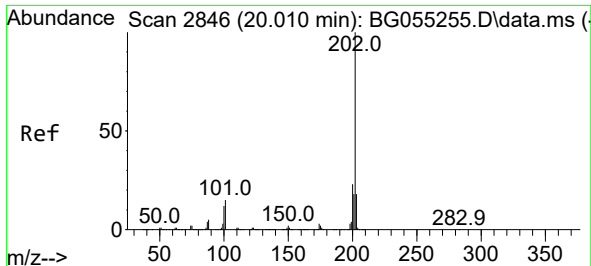
Tgt Ion:202 Resp: 220800
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.6
203 18.3 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

Tgt Ion:240 Resp: 253840
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 27.5 21.0 31.4

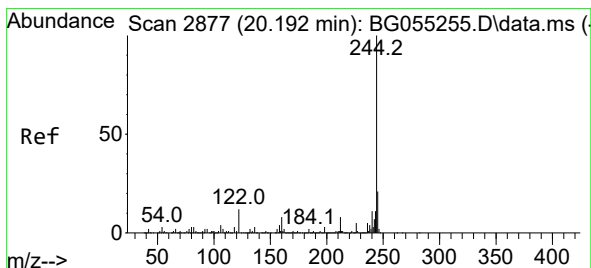
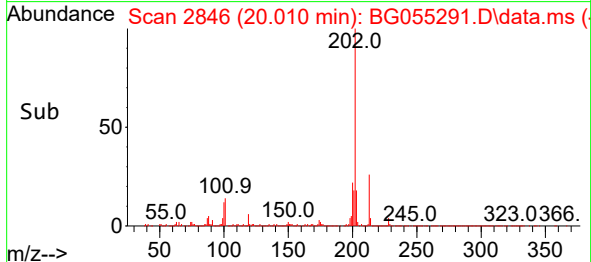
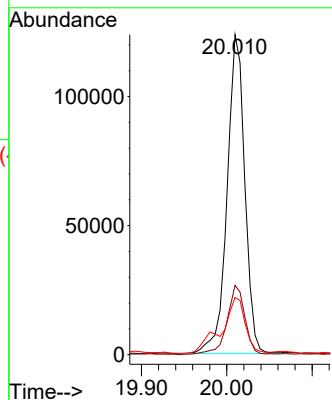
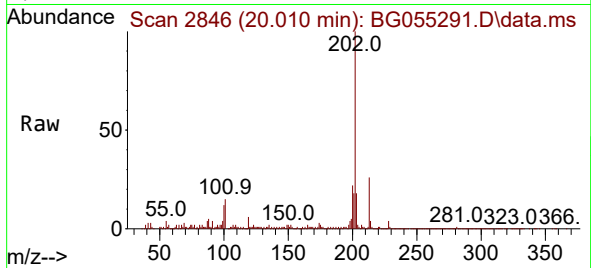




#78
Pyrene
Concen: 10.279 ng
RT: 20.010 min Scan# 2846
Delta R.T. -0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

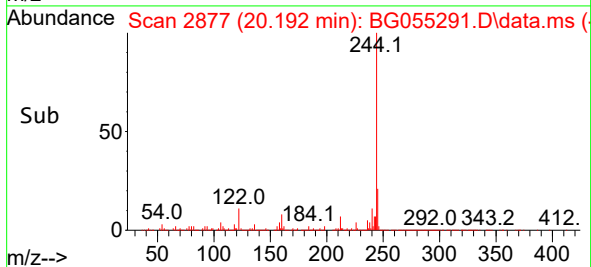
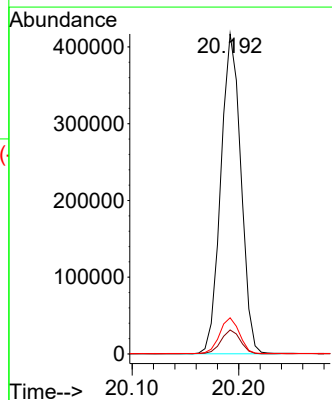
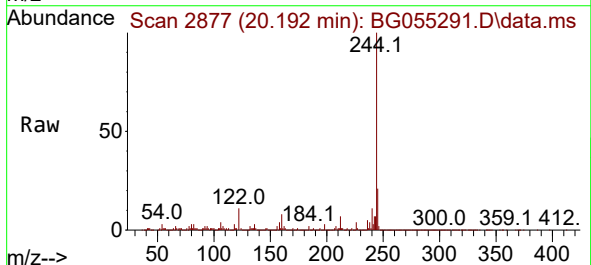
Instrument :
BNA_G
ClientSampleId :

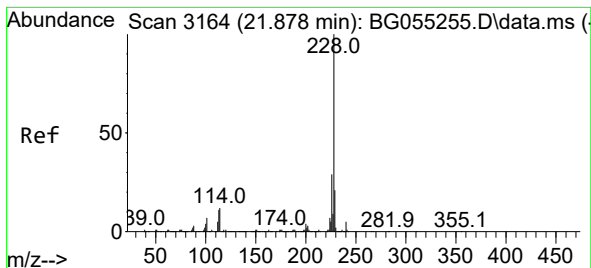
Tgt Ion:202 Resp: 178837
Ion Ratio Lower Upper
202 100
200 21.6 18.0 27.0
203 17.8 14.3 21.5



#79
Terphenyl-d14
Concen: 44.576 ng
RT: 20.192 min Scan# 2877
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

Tgt Ion:244 Resp: 544609
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.3 9.6 14.4





#81

Benzo(a)anthracene

Concen: 4.979 ng

RT: 21.878 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BG055291.D

Acq: 26 Oct 2022 1:38

Instrument :

BNA_G

ClientSampleId :

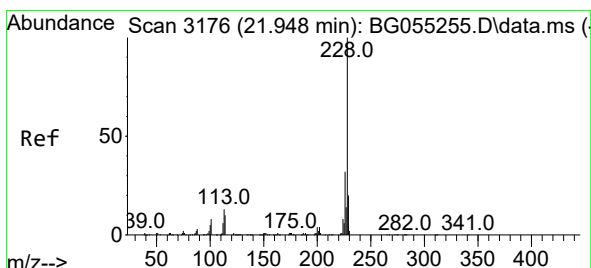
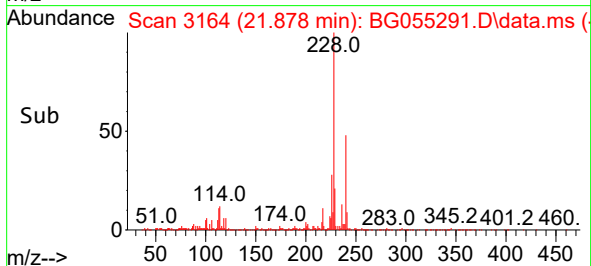
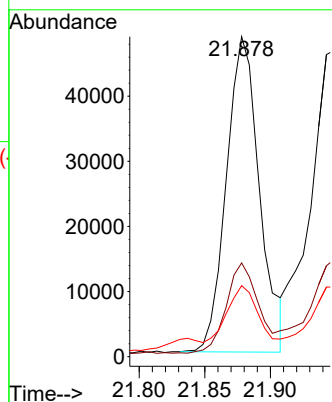
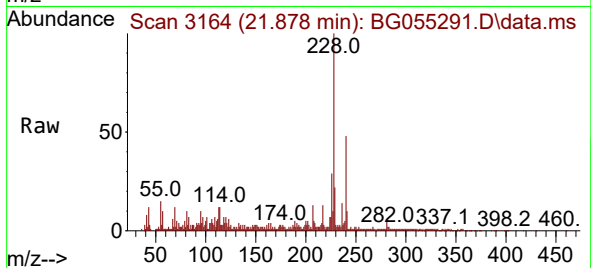
Tgt Ion:228 Resp: 84872

Ion Ratio Lower Upper

228 100

226 29.3 22.9 34.3

229 22.2 16.7 25.1



#83

Chrysene

Concen: 5.668 ng

RT: 21.949 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BG055291.D

Acq: 26 Oct 2022 1:38

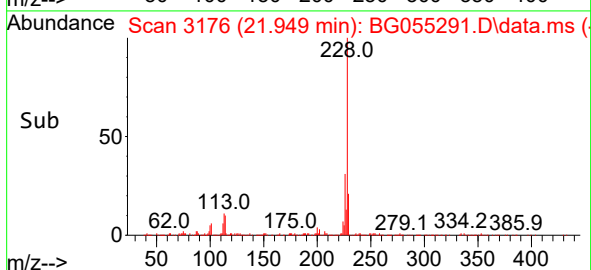
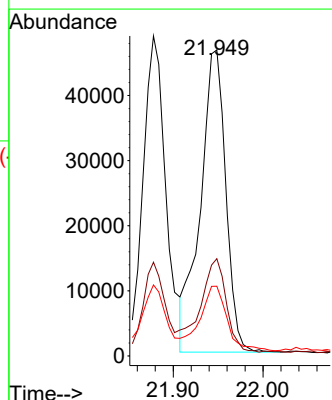
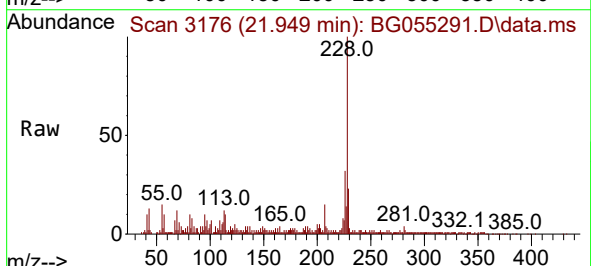
Tgt Ion:228 Resp: 91775

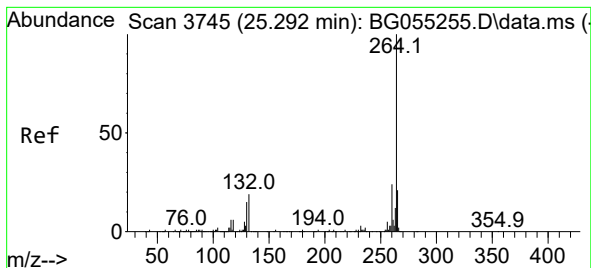
Ion Ratio Lower Upper

228 100

226 31.8 25.8 38.8

229 22.8 16.3 24.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.303 min Scan# 31

Delta R.T. 0.012 min

Lab File: BG055291.D

Acq: 26 Oct 2022 1:38

Instrument :

BNA_G

ClientSampleId :

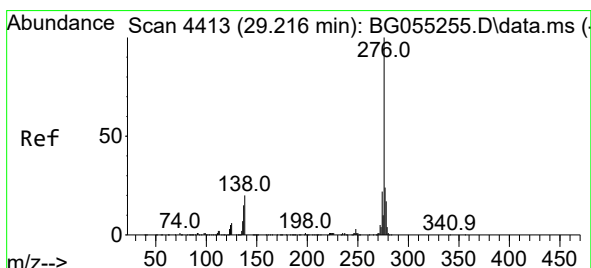
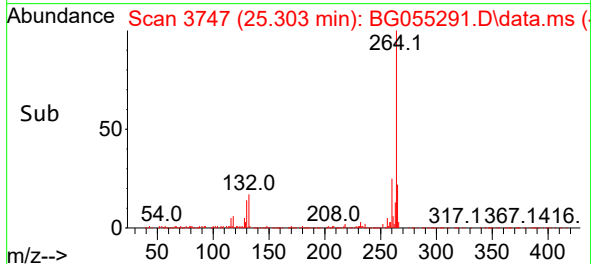
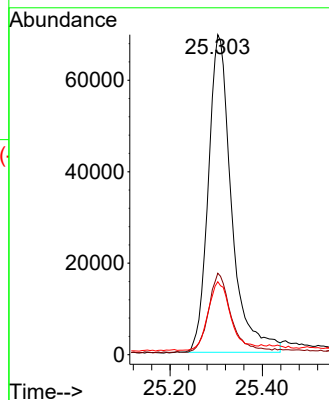
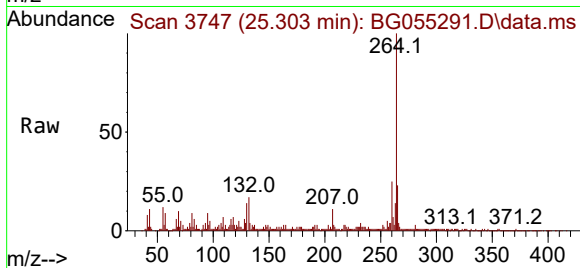
Tgt Ion:264 Resp: 242698

Ion Ratio Lower Upper

264 100

260 25.5 19.5 29.3

265 22.8 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.078 ng

RT: 29.228 min Scan# 4415

Delta R.T. 0.012 min

Lab File: BG055291.D

Acq: 26 Oct 2022 1:38

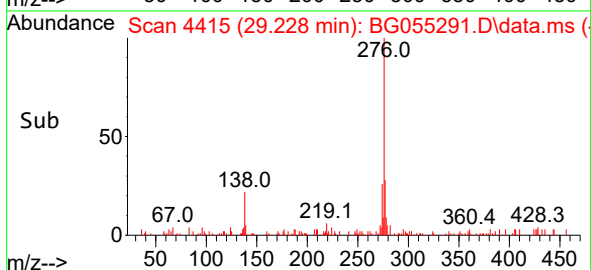
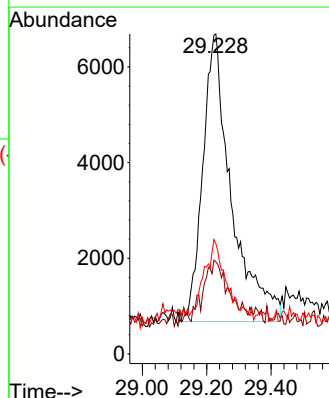
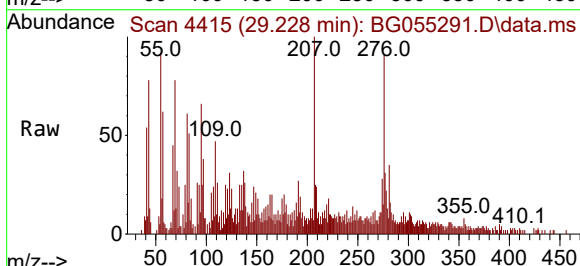
Tgt Ion:276 Resp: 37247

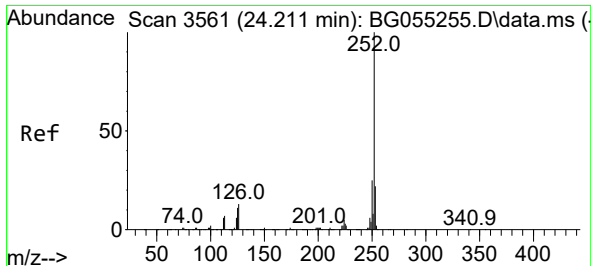
Ion Ratio Lower Upper

276 100

138 12.3 13.9 20.9#

277 16.3 20.3 30.5#

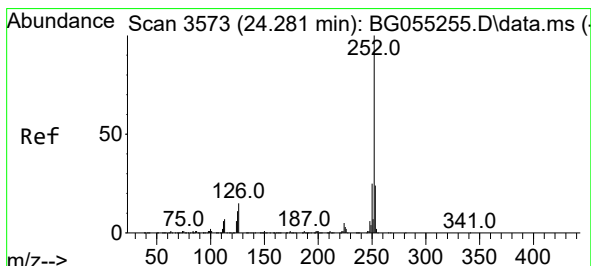
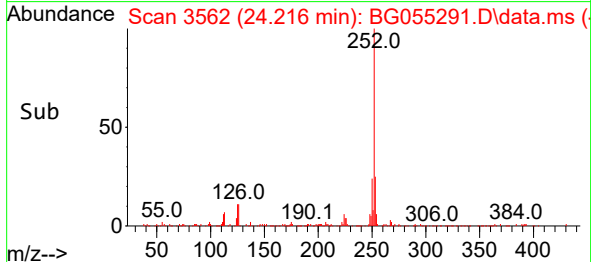
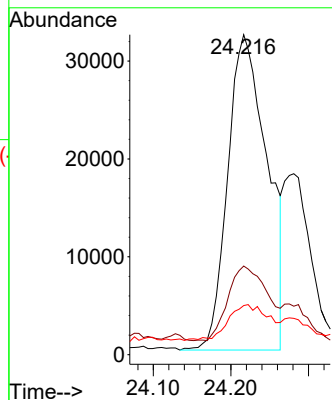
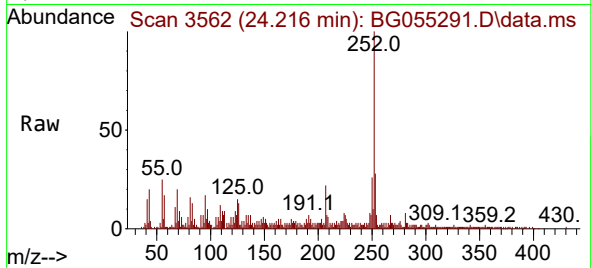




#88
Benzo(b)fluoranthene
Concen: 7.803 ng
RT: 24.216 min Scan# 3561
Delta R.T. 0.006 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

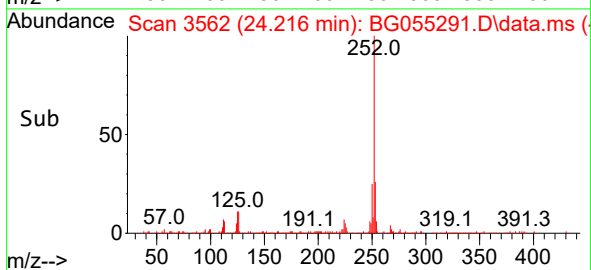
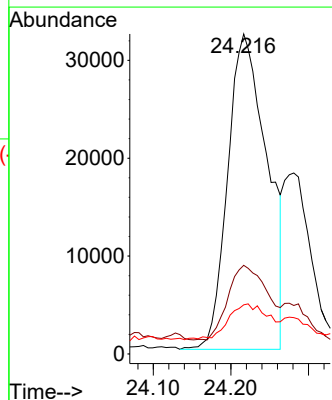
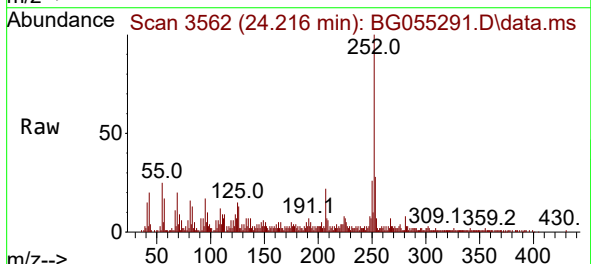
Instrument :
BNA_G
ClientSampleId :

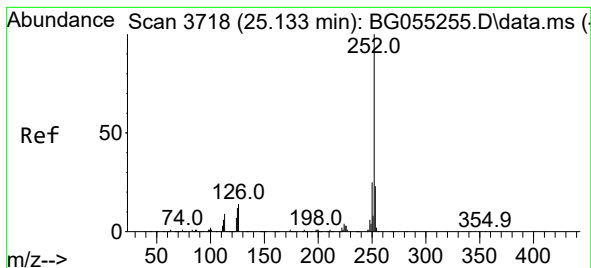
Tgt Ion:252 Resp: 113908
Ion Ratio Lower Upper
252 100
253 27.7 17.6 26.4#
125 15.4 9.0 13.4#



#89
Benzo(k)fluoranthene
Concen: 7.727 ng
RT: 24.216 min Scan# 3562
Delta R.T. -0.065 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

Tgt Ion:252 Resp: 113908
Ion Ratio Lower Upper
252 100
253 27.7 18.6 27.8
125 15.4 9.1 13.7#





#90

Benzo(a)pyrene

Concen: 5.629 ng

RT: 25.139 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG055291.D

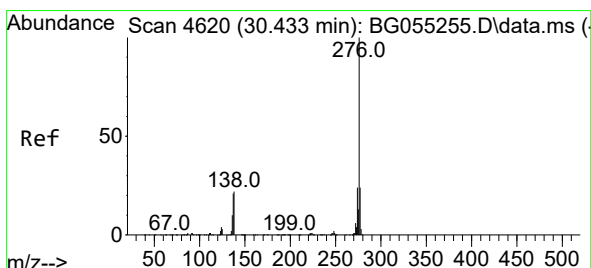
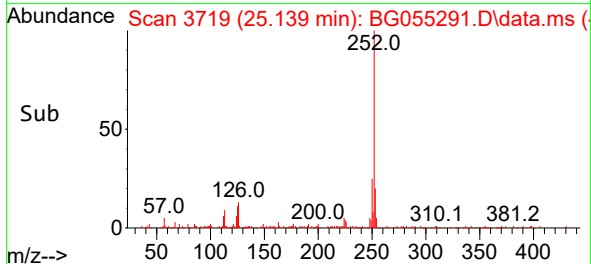
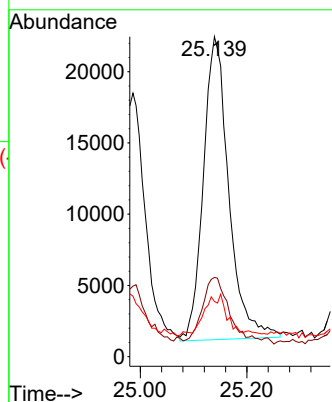
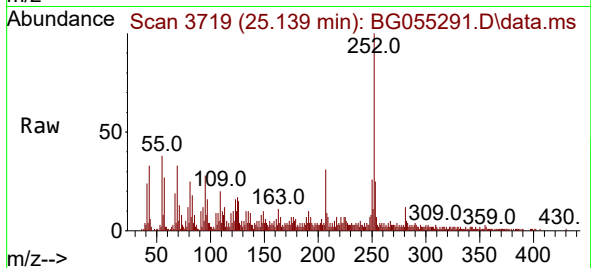
Acq: 26 Oct 2022 1:38

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	252	Resp:	70474
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.2	27.2
125	17.3	9.8	14.8#



#92

Benzo(g,h,i)perylene

Concen: 2.237 ng

RT: 30.462 min Scan# 4625

Delta R.T. 0.029 min

Lab File: BG055291.D

Acq: 26 Oct 2022 1:38

Tgt Ion:	276	Resp:	32633
Ion Ratio	Lower	Upper	
276	100		
277	32.4	19.1	28.7#
138	30.9	17.2	25.8#

