

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055170.D
 Acq On : 13 Oct 2022 19:23
 Operator : CG/JU
 Sample : N5102-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-1-101122

Quant Time: Oct 14 01:28:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

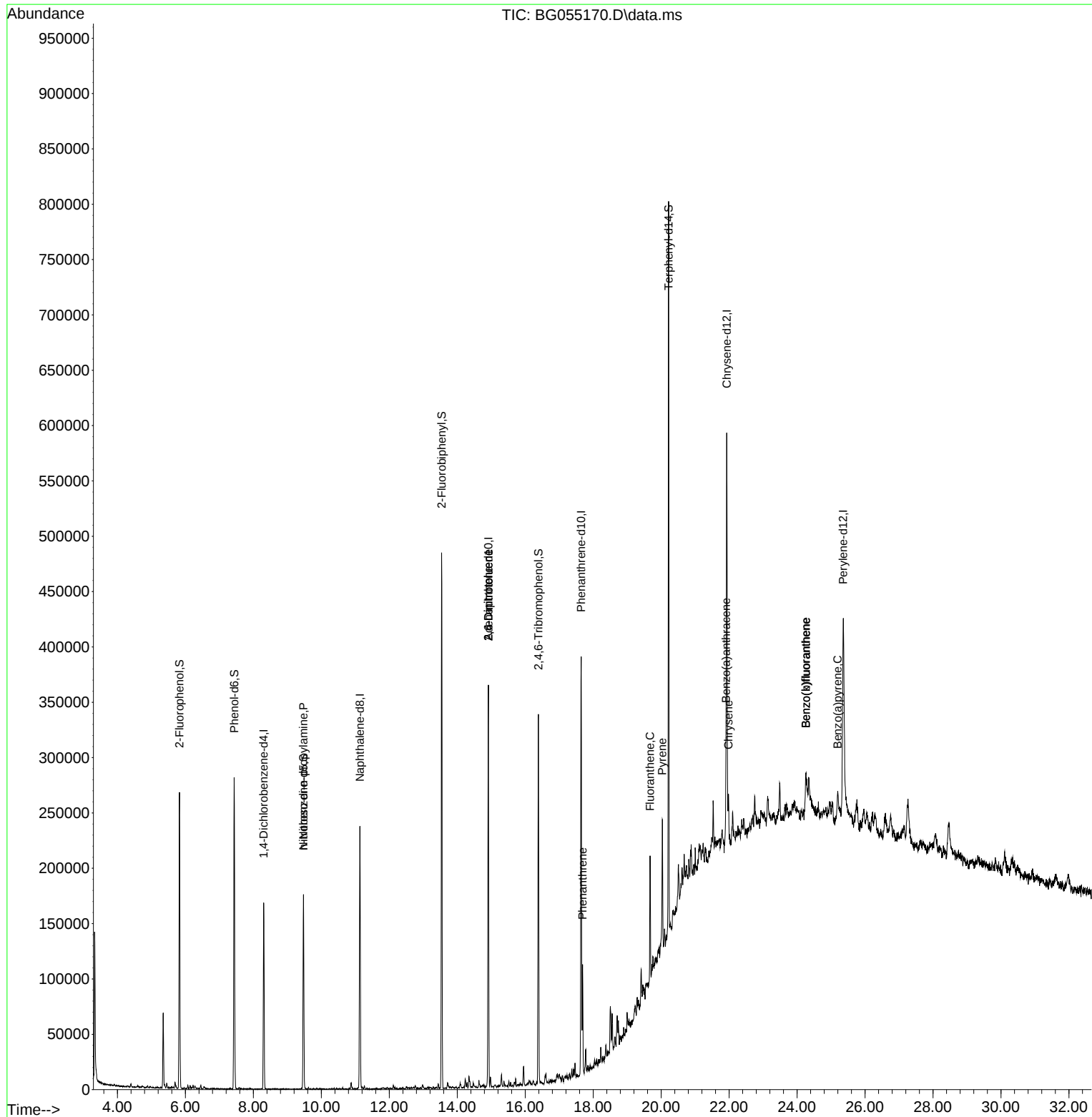
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	49085	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	199002	20.000	ng	0.00
39) Acenaphthene-d10	14.914	164	126937	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	253112	20.000	ng	0.00
76) Chrysene-d12	21.930	240	237387	20.000	ng	0.00
86) Perylene-d12	25.355	264	223345	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	120059	47.854	ng	0.00
7) Phenol-d6	7.435	99	160390	43.217	ng	0.00
23) Nitrobenzene-d5	9.474	82	103550	27.903	ng	0.00
42) 2,4,6-Tribromophenol	16.389	330	73439	40.264	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	252682	32.518	ng	0.00
79) Terphenyl-d14	20.220	244	346304	29.381	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.474	70	14525	4.849	ng	# 79
51) 2,6-Dinitrotoluene	14.914	165	17077	8.133	ng	# 24
57) 2,4-Dinitrotoluene	14.914	165	17077	5.553	ng	# 25
71) Phenanthrene	17.688	178	61838	4.710	ng	97
75) Fluoranthene	19.674	202	69000	4.204	ng	100
78) Pyrene	20.032	202	75564	4.775	ng	98
81) Benzo(a)anthracene	21.906	228	36712	2.417	ng	# 91
83) Chrysene	21.977	228	36079	2.518	ng	# 95
88) Benzo(b)fluoranthene	24.262	252	42269	3.175	ng	# 77
89) Benzo(k)fluoranthene	24.262	252	42269	3.160	ng	# 76
90) Benzo(a)pyrene	25.191	252	31062	2.729	ng	# 88

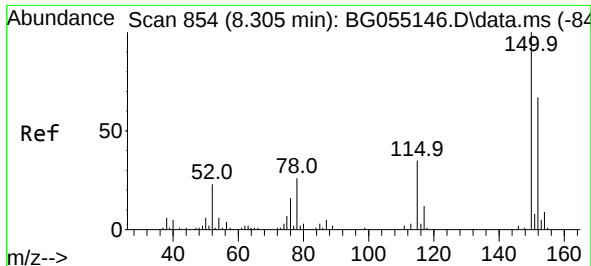
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
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Misc :
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Quant Time: Oct 14 01:28:21 2022
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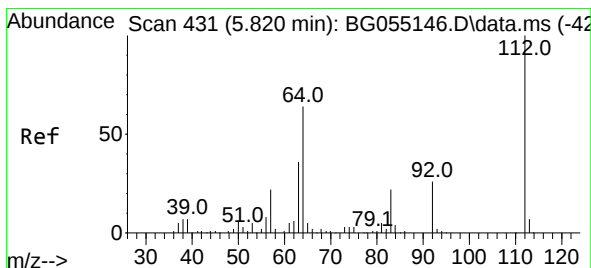
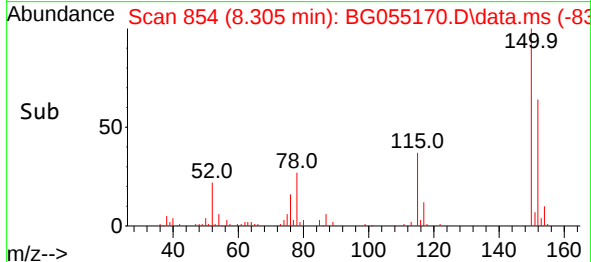
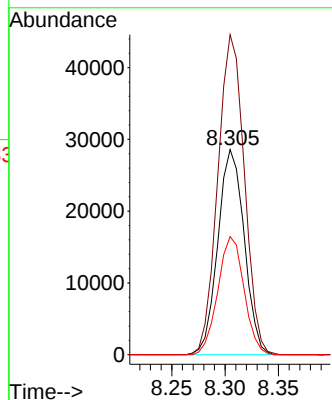
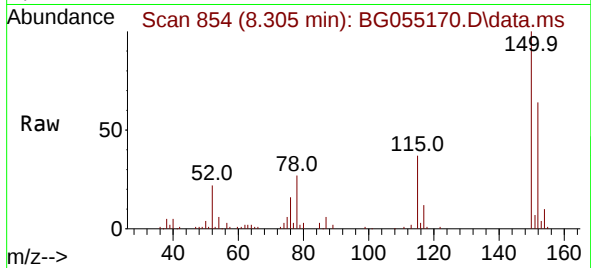




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.305 min Scan# 854
 Delta R.T. -0.000 min
 Lab File: BG055170.D
 Acq: 13 Oct 2022 19:23

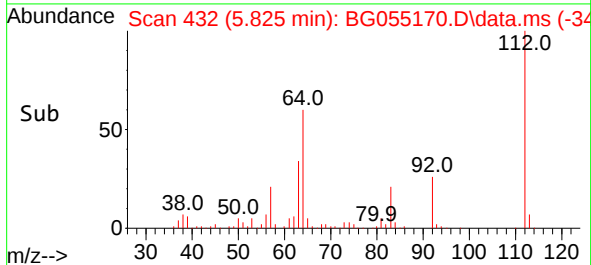
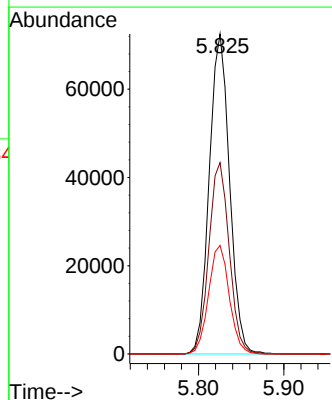
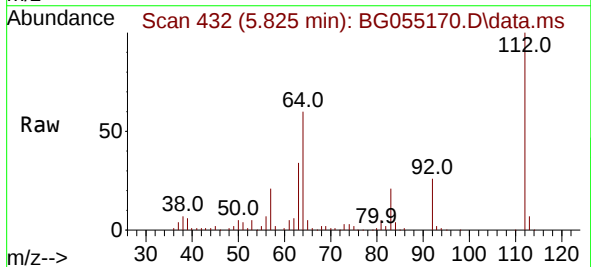
Instrument :
 BNA_G
 ClientSampleId :
 CL-1-101122

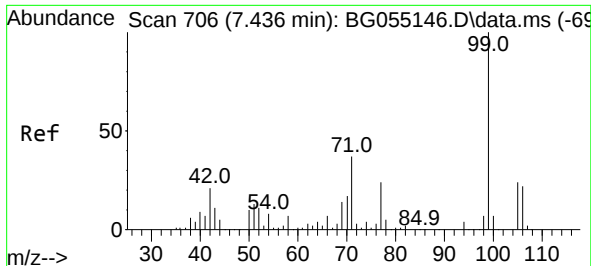
Tgt Ion:152 Resp: 49085
 Ion Ratio Lower Upper
 152 100
 150 156.0 119.7 179.5
 115 57.5 42.4 63.6



#5
 2-Fluorophenol
 Concen: 47.854 ng
 RT: 5.825 min Scan# 432
 Delta R.T. 0.005 min
 Lab File: BG055170.D
 Acq: 13 Oct 2022 19:23

Tgt Ion:112 Resp: 120059
 Ion Ratio Lower Upper
 112 100
 64 59.8 50.9 76.3
 63 33.9 29.0 43.6

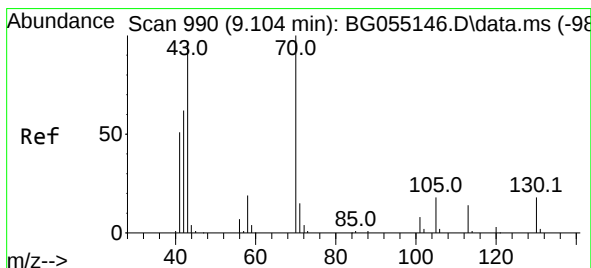
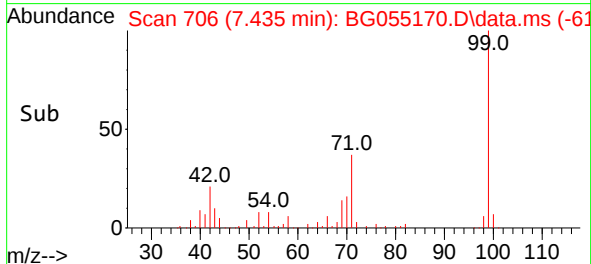
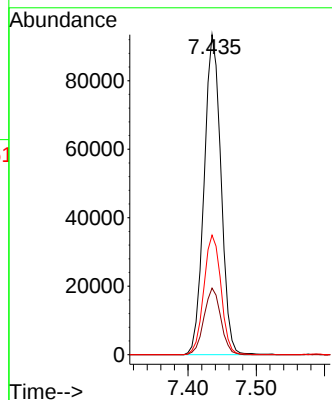
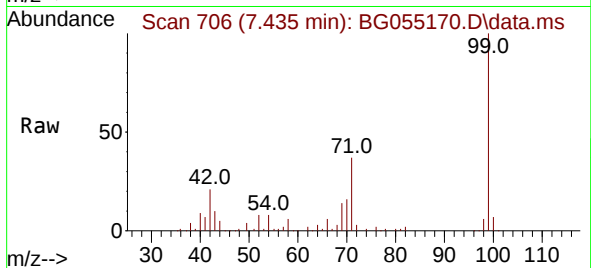




#7
Phenol-d6
Concen: 43.217 ng
RT: 7.435 min Scan# 706
Delta R.T. -0.001 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

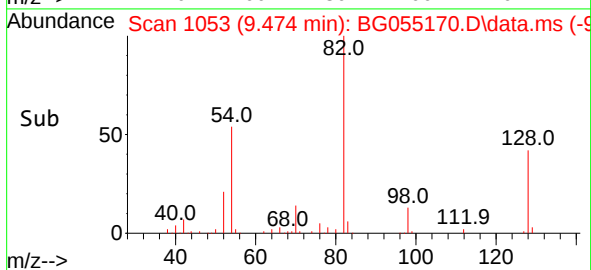
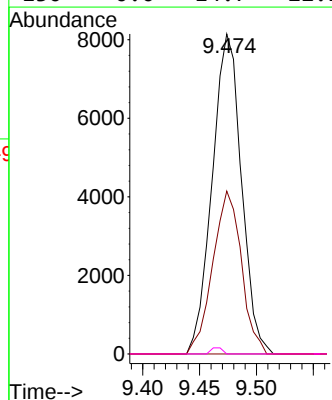
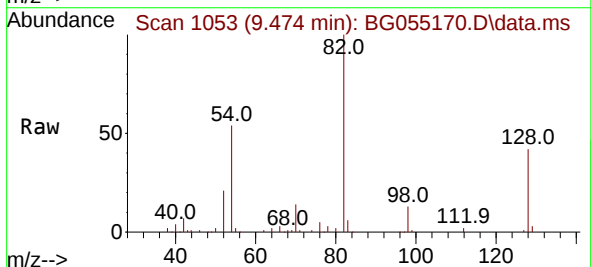
Instrument :
BNA_G
ClientSampleId :
CL-1-101122

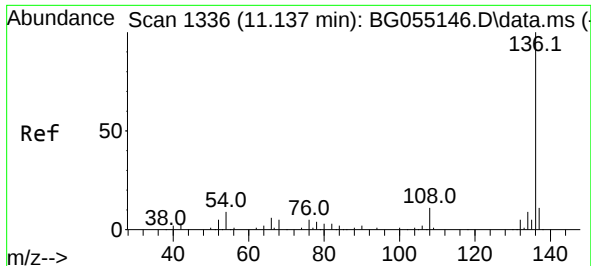
Tgt Ion: 99 Resp: 160390
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 37.4 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.849 ng
RT: 9.474 min Scan# 1053
Delta R.T. 0.369 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

Tgt Ion: 70 Resp: 14525
Ion Ratio Lower Upper
70 100
42 50.9 50.1 75.1
101 0.0 6.6 10.0#
130 0.0 14.7 22.1#





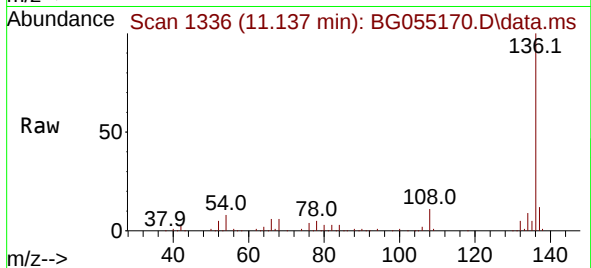
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

Instrument :

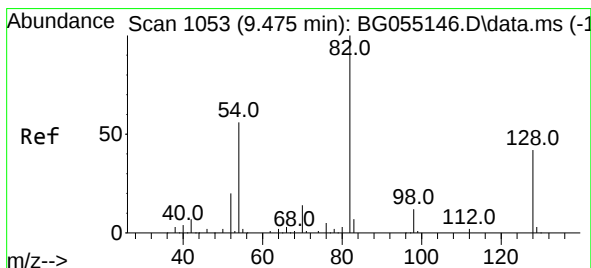
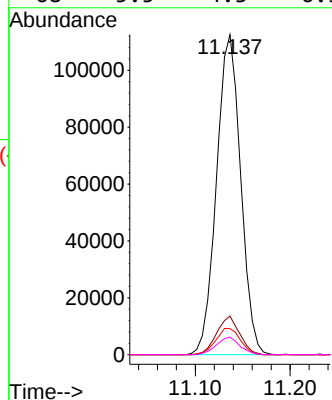
BNA_G

ClientSampleId :

CL-1-101122

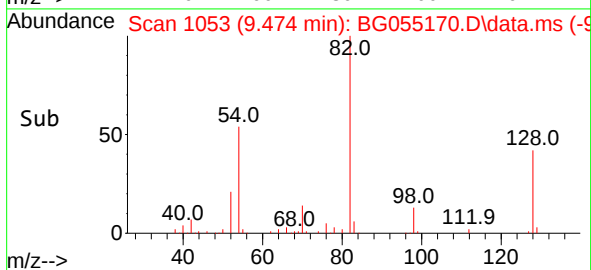
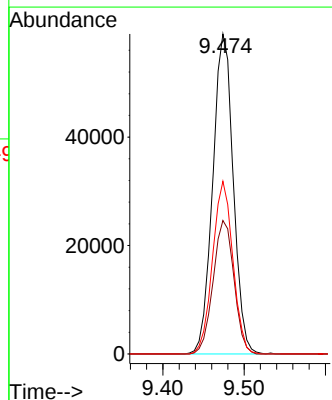
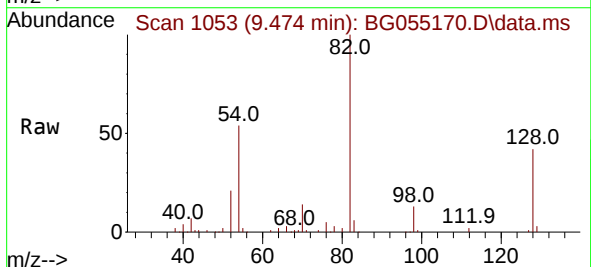


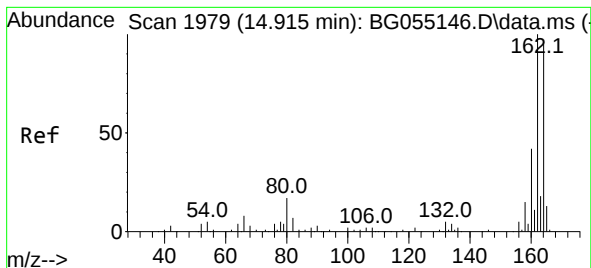
Tgt Ion:136 Resp: 199002
Ion Ratio Lower Upper
136 100
137 12.0 9.1 13.7
54 8.1 7.0 10.6
68 5.5 4.3 6.5



#23
Nitrobenzene-d5
Concen: 27.903 ng
RT: 9.474 min Scan# 1053
Delta R.T. -0.001 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

Tgt Ion: 82 Resp: 103550
Ion Ratio Lower Upper
82 100
128 41.7 33.5 50.3
54 54.0 44.7 67.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.914 min Scan# 1979

Delta R.T. -0.001 min

Lab File: BG055170.D

Acq: 13 Oct 2022 19:23

Instrument :

BNA_G

ClientSampleId :

CL-1-101122

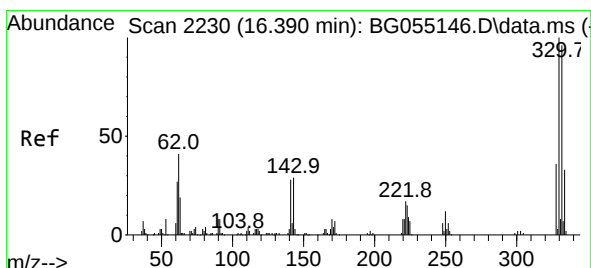
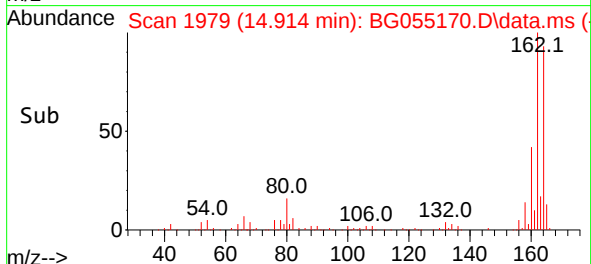
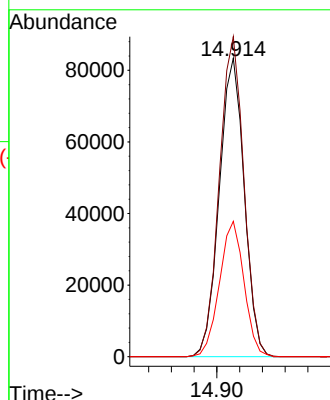
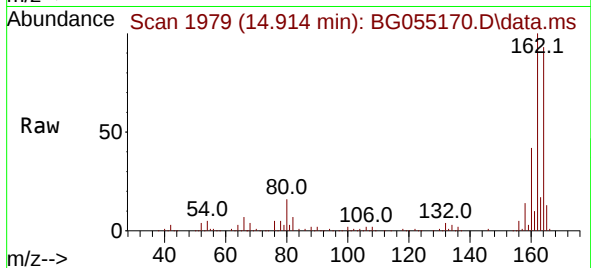
Tgt Ion:164 Resp: 126937

Ion Ratio Lower Upper

164 100

162 107.2 83.3 124.9

160 45.3 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 40.264 ng

RT: 16.389 min Scan# 2230

Delta R.T. -0.001 min

Lab File: BG055170.D

Acq: 13 Oct 2022 19:23

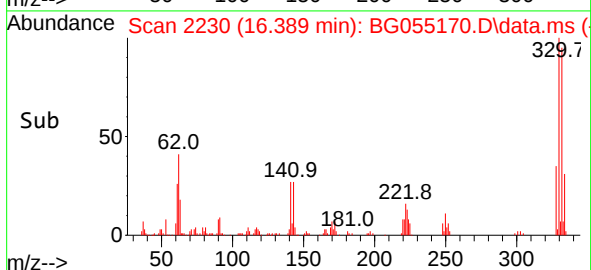
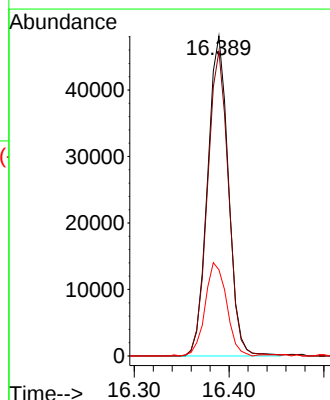
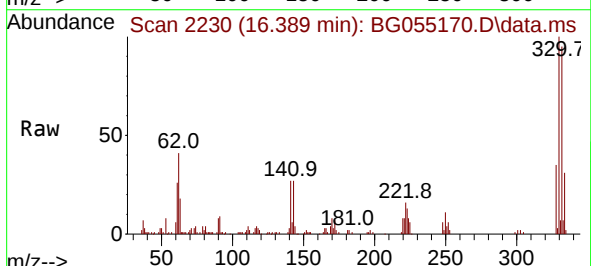
Tgt Ion:330 Resp: 73439

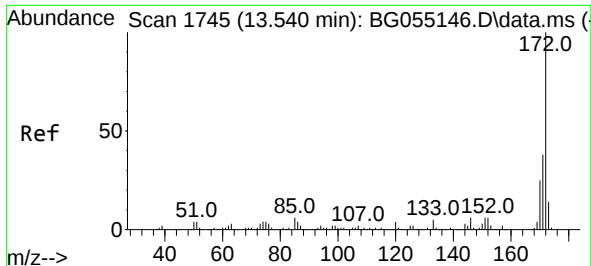
Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.4

141 30.1 24.6 36.8

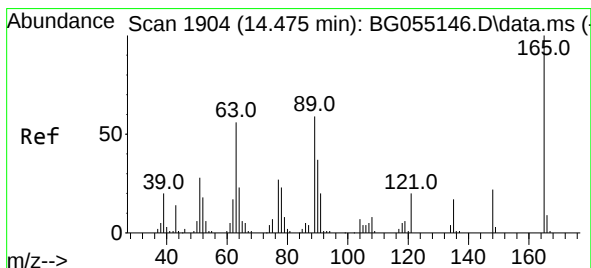
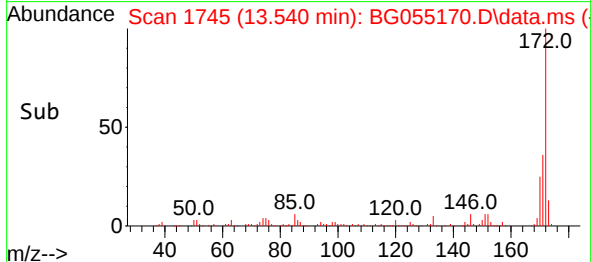
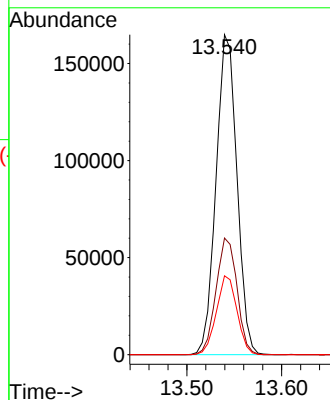
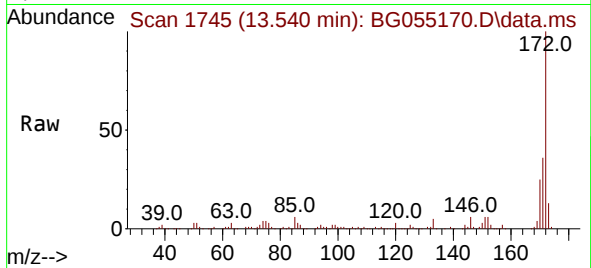




#45
2-Fluorobiphenyl
Concen: 32.518 ng
RT: 13.540 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

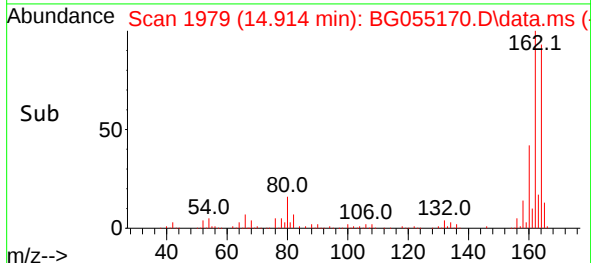
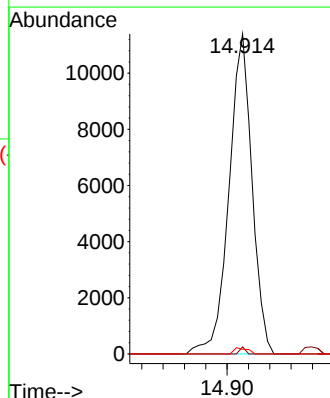
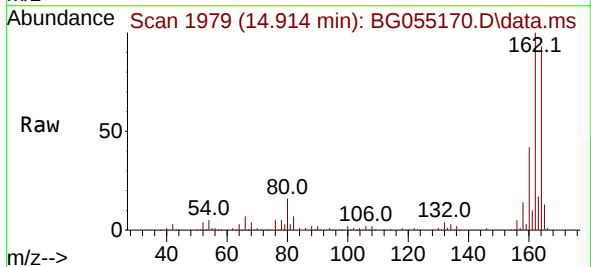
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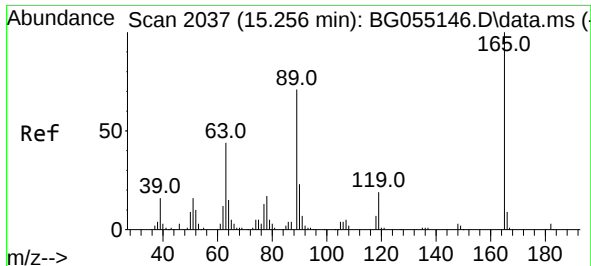
Tgt Ion:172 Resp: 252682
Ion Ratio Lower Upper
172 100
171 36.4 30.1 45.1
170 24.7 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.133 ng
RT: 14.914 min Scan# 1979
Delta R.T. 0.440 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

Tgt Ion:165 Resp: 17077
Ion Ratio Lower Upper
165 100
63 2.2 46.6 70.0#
89 1.4 47.6 71.4#





#57

2,4-Dinitrotoluene

Concen: 5.553 ng

RT: 14.914 min Scan# 1979

Delta R.T. -0.341 min

Lab File: BG055170.D

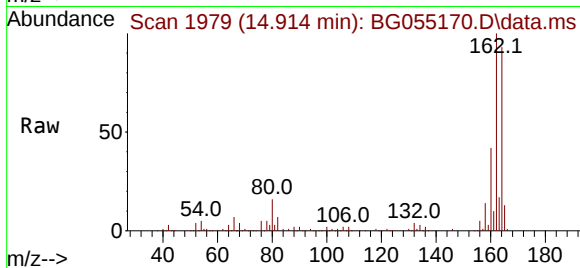
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Instrument :

BNA_G

ClientSampleId :

CL-1-101122



Tgt Ion:165 Resp: 17077

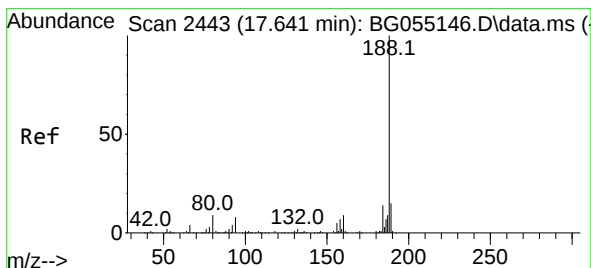
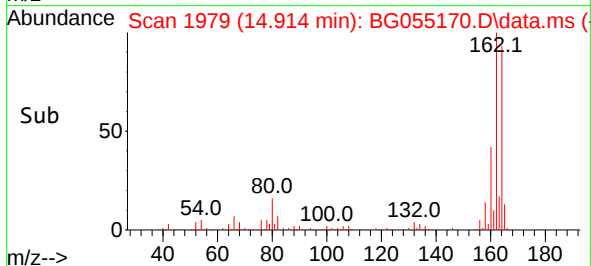
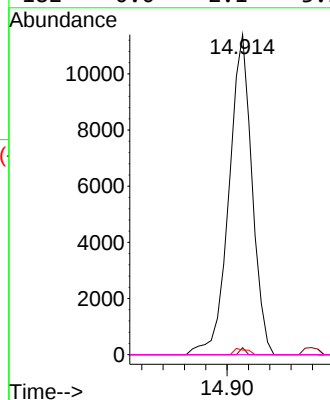
Ion Ratio Lower Upper

165 100

63 2.2 35.6 53.4#

89 1.4 56.4 84.6#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.647 min Scan# 2444

Delta R.T. 0.005 min

Lab File: BG055170.D

Acq: 13 Oct 2022 19:23

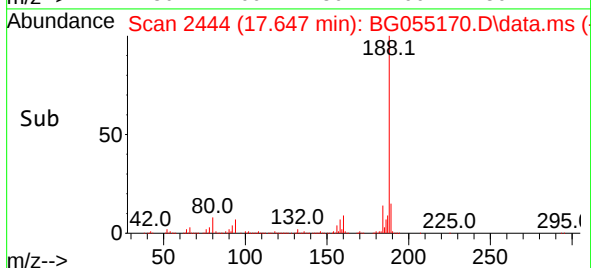
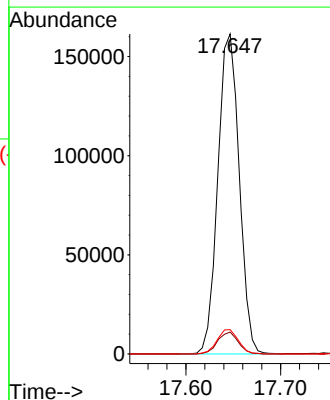
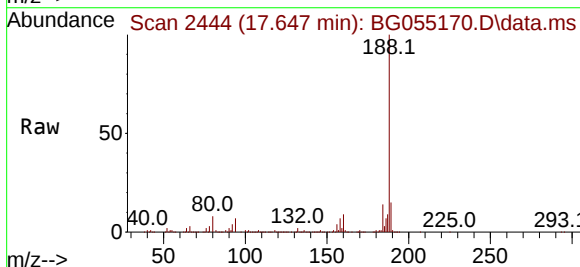
Tgt Ion:188 Resp: 253112

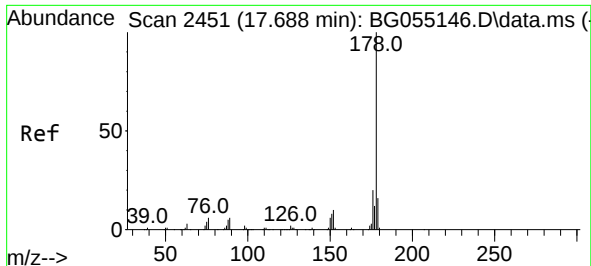
Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.2

80 7.6 7.0 10.6

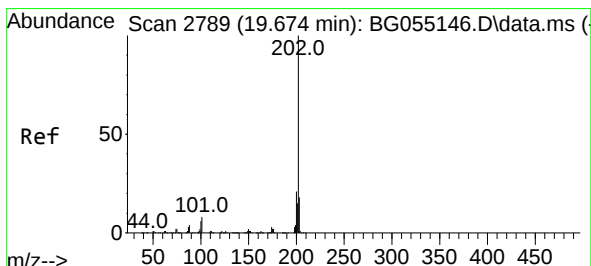
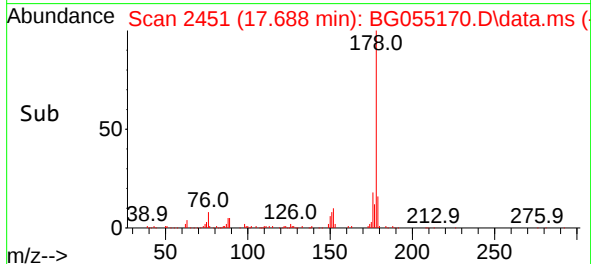
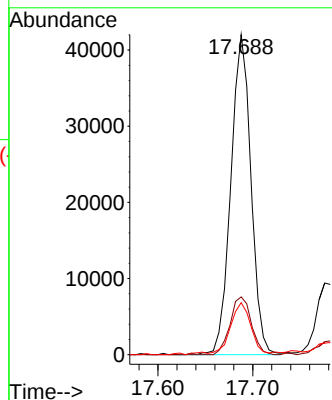
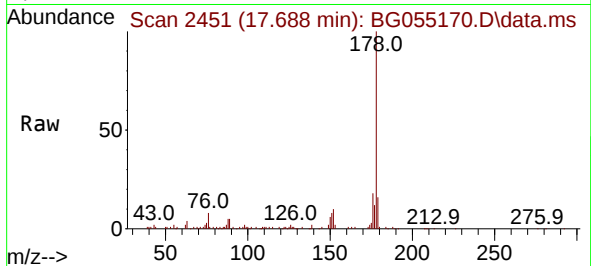




#71
Phenanthrene
Concen: 4.710 ng
RT: 17.688 min Scan# 2451
Delta R.T. -0.001 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

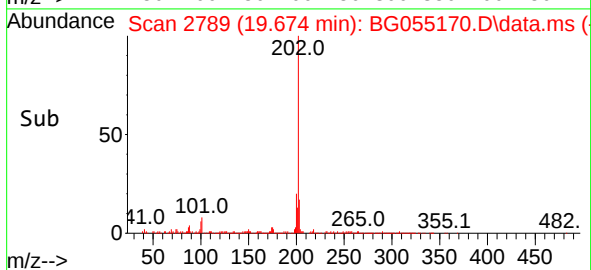
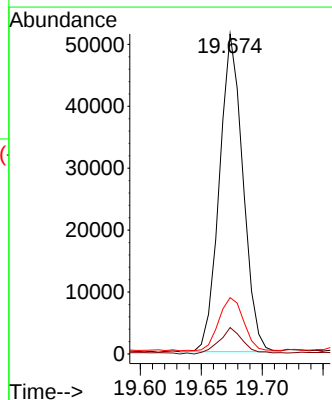
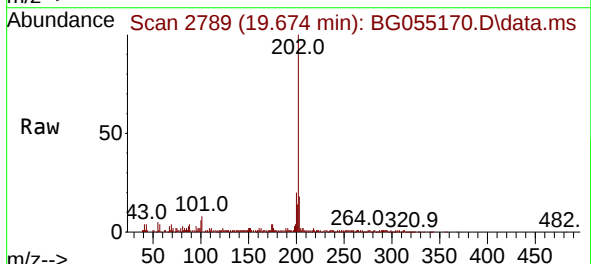
Instrument :
BNA_G
ClientSampleId :
CL-1-101122

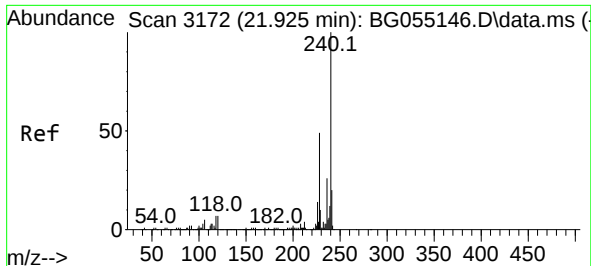
Tgt Ion:178 Resp: 61838
Ion Ratio Lower Upper
178 100
176 18.0 16.0 24.0
179 16.2 12.7 19.1



#75
Fluoranthene
Concen: 4.204 ng
RT: 19.674 min Scan# 2789
Delta R.T. -0.001 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

Tgt Ion:202 Resp: 69000
Ion Ratio Lower Upper
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101 8.2 0.0 28.4
203 17.6 0.0 37.8

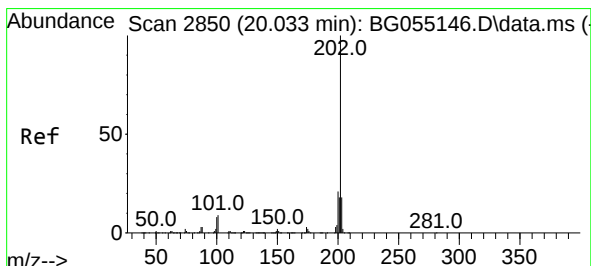
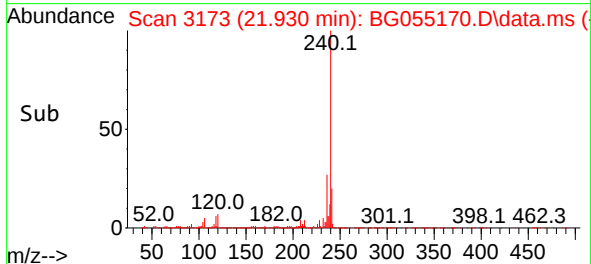
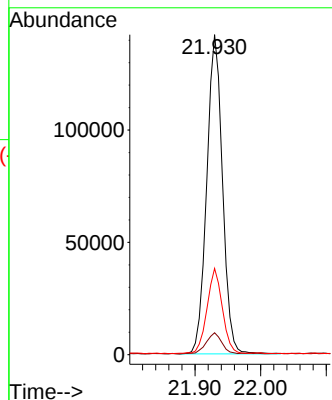
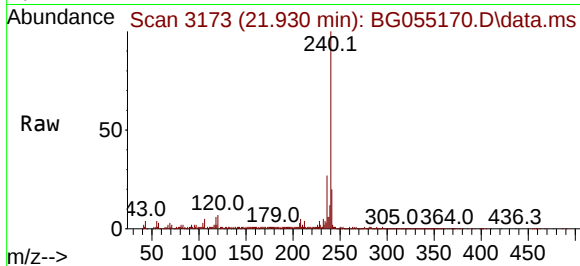




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3172
Delta R.T. 0.005 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

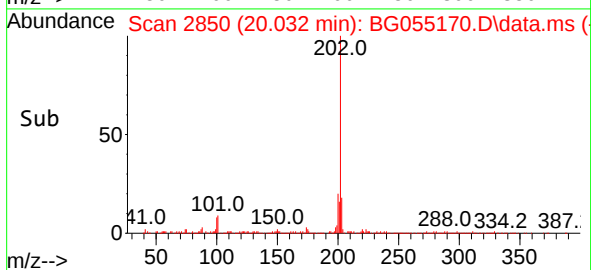
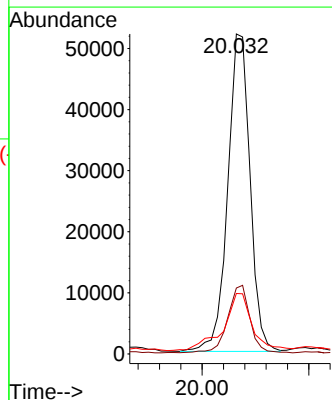
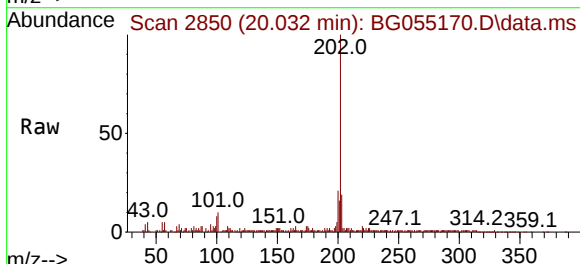
Instrument :
BNA_G
ClientSampleId :
CL-1-101122

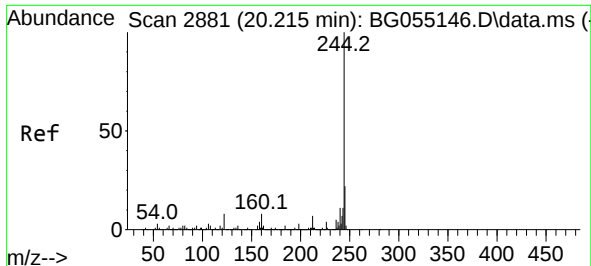
Tgt Ion:240 Resp: 237387
Ion Ratio Lower Upper
240 100
120 6.9 5.4 8.0
236 27.0 20.6 31.0



#78
Pyrene
Concen: 4.775 ng
RT: 20.032 min Scan# 2850
Delta R.T. -0.001 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

Tgt Ion:202 Resp: 75564
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 18.9 14.4 21.6

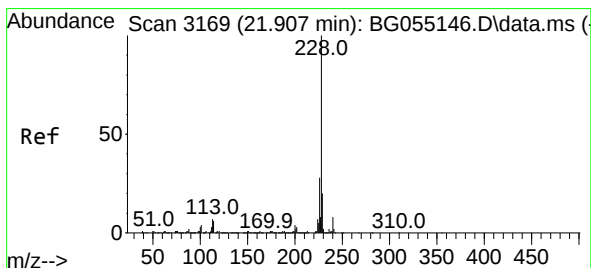
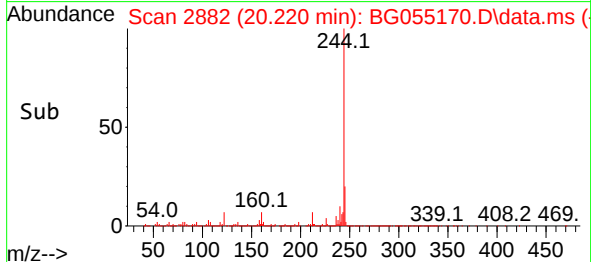
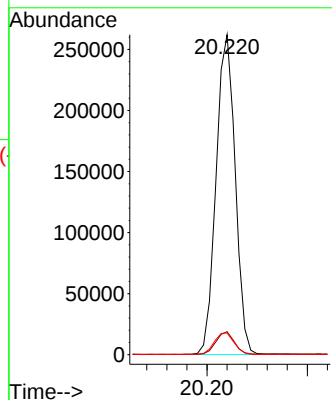
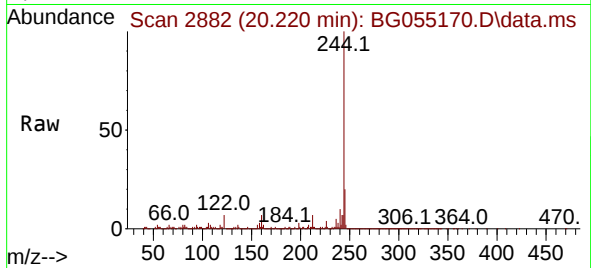




#79
 Terphenyl-d14
 Concen: 29.381 ng
 RT: 20.220 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG055170.D
 Acq: 13 Oct 2022 19:23

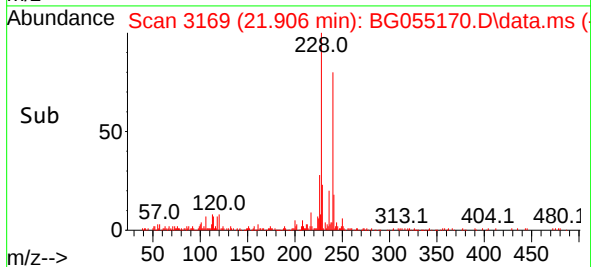
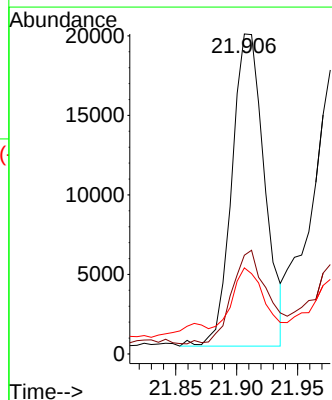
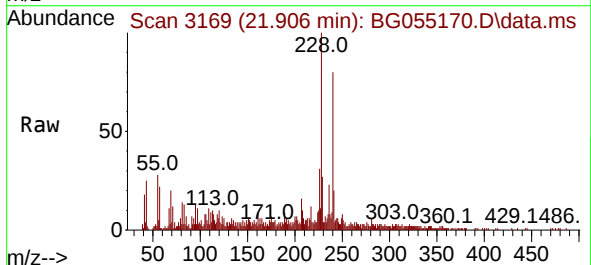
Instrument :
 BNA_G
 ClientSampleId :
 CL-1-101122

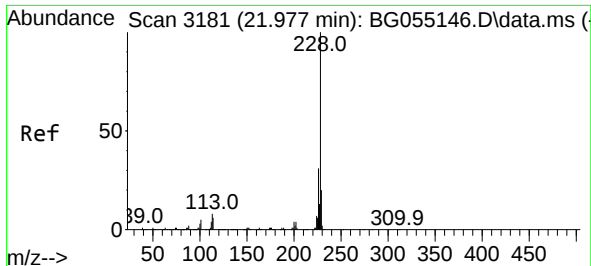
Tgt Ion:244 Resp: 346304
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 6.8 6.6 10.0



#81
 Benzo(a)anthracene
 Concen: 2.417 ng
 RT: 21.906 min Scan# 3169
 Delta R.T. -0.001 min
 Lab File: BG055170.D
 Acq: 13 Oct 2022 19:23

Tgt Ion:228 Resp: 36712
 Ion Ratio Lower Upper
 228 100
 226 30.8 22.6 34.0
 229 26.9 16.2 24.4#

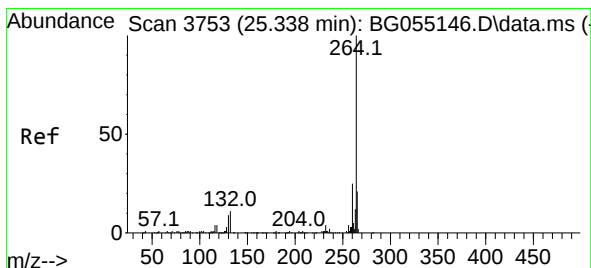
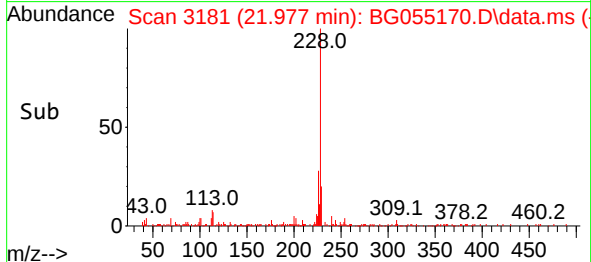
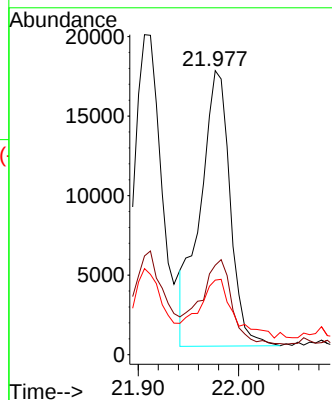
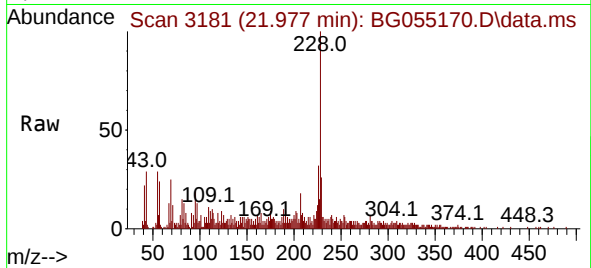




#83
Chrysene
Concen: 2.518 ng
RT: 21.977 min Scan# 3181
Delta R.T. -0.001 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

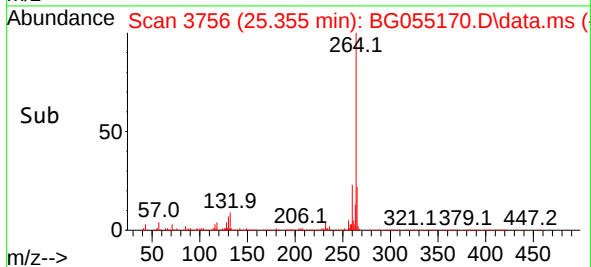
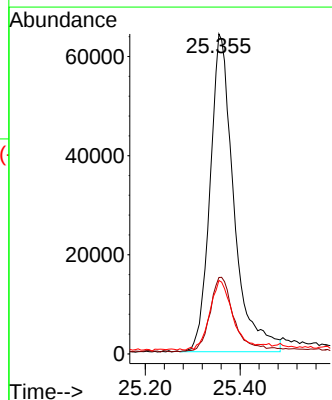
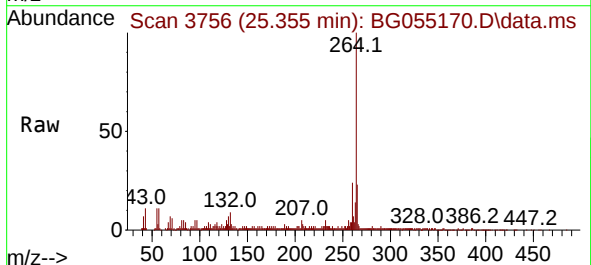
Instrument :
BNA_G
ClientSampleId :
CL-1-101122

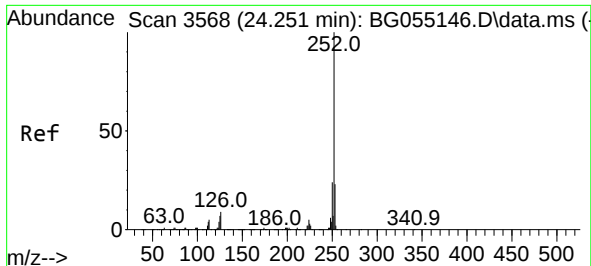
Tgt Ion:228 Resp: 36079
Ion Ratio Lower Upper
228 100
226 31.5 25.1 37.7
229 26.3 16.2 24.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.355 min Scan# 3756
Delta R.T. 0.017 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

Tgt Ion:264 Resp: 223345
Ion Ratio Lower Upper
264 100
260 23.9 20.1 30.1
265 22.9 16.8 25.2

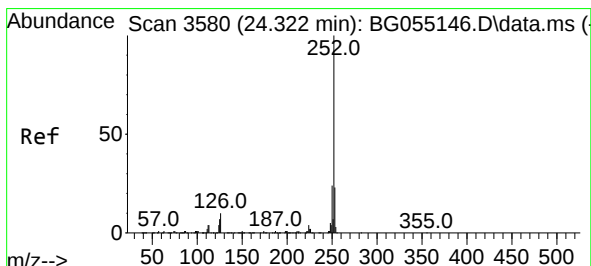
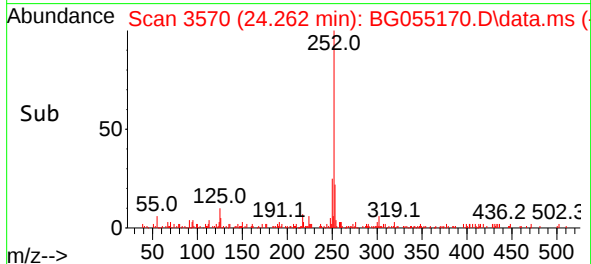
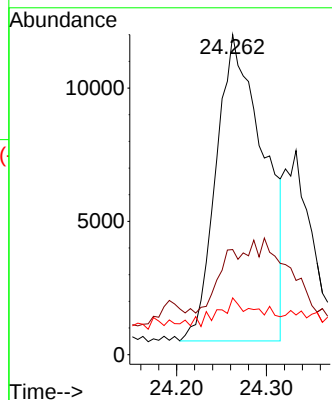
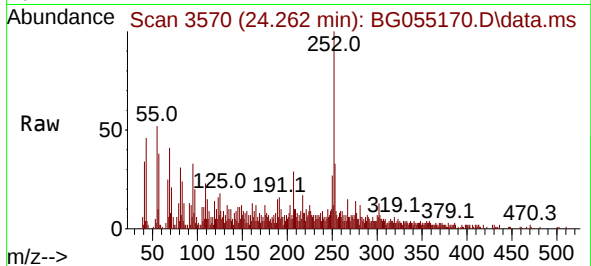




#88
Benzo(b)fluoranthene
Concen: 3.175 ng
RT: 24.262 min Scan# 3570
Delta R.T. 0.011 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

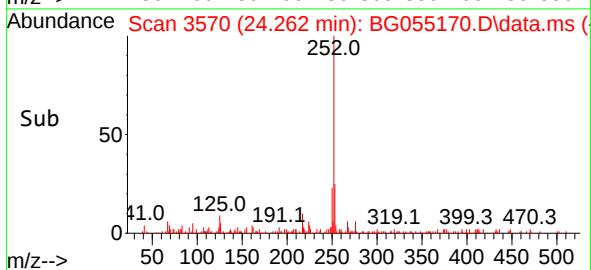
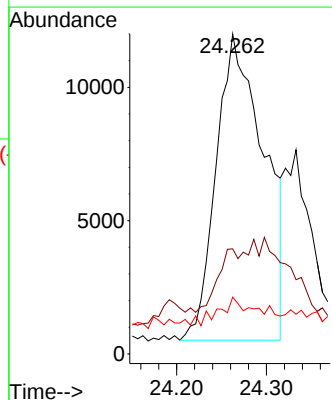
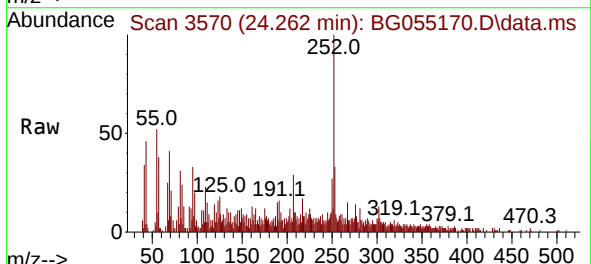
Instrument :
BNA_G
ClientSampleId :
CL-1-101122

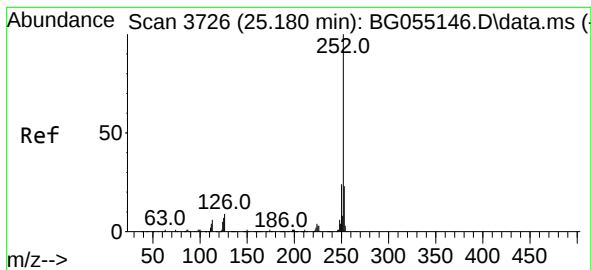
Tgt Ion:252 Resp: 42269
Ion Ratio Lower Upper
252 100
253 32.9 18.2 27.2#
125 17.8 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 3.160 ng
RT: 24.262 min Scan# 3570
Delta R.T. -0.059 min
Lab File: BG055170.D
Acq: 13 Oct 2022 19:23

Tgt Ion:252 Resp: 42269
Ion Ratio Lower Upper
252 100
253 32.9 18.0 27.0#
125 17.8 5.8 8.6#





#90

Benzo(a)pyrene

Concen: 2.729 ng

RT: 25.191 min Scan# 31

Delta R.T. 0.011 min

Lab File: BG055170.D

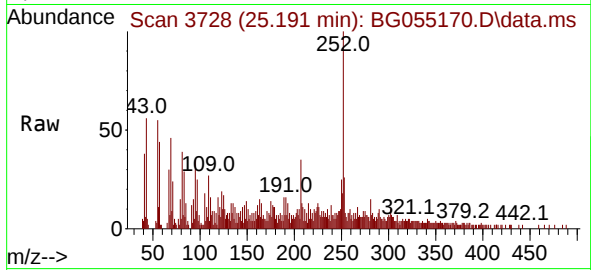
Acq: 13 Oct 2022 19:23

Instrument :

BNA_G

ClientSampleId :

CL-1-101122



Tgt Ion:252 Resp: 31062

Ion Ratio Lower Upper

252 100

253 25.7 18.2 27.2

125 17.4 5.8 8.8#

