

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053654.D
 Acq On : 20 May 2022 21:42
 Operator : CG/JU
 Sample : N2940-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-1-051922

Quant Time: May 23 01:35:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

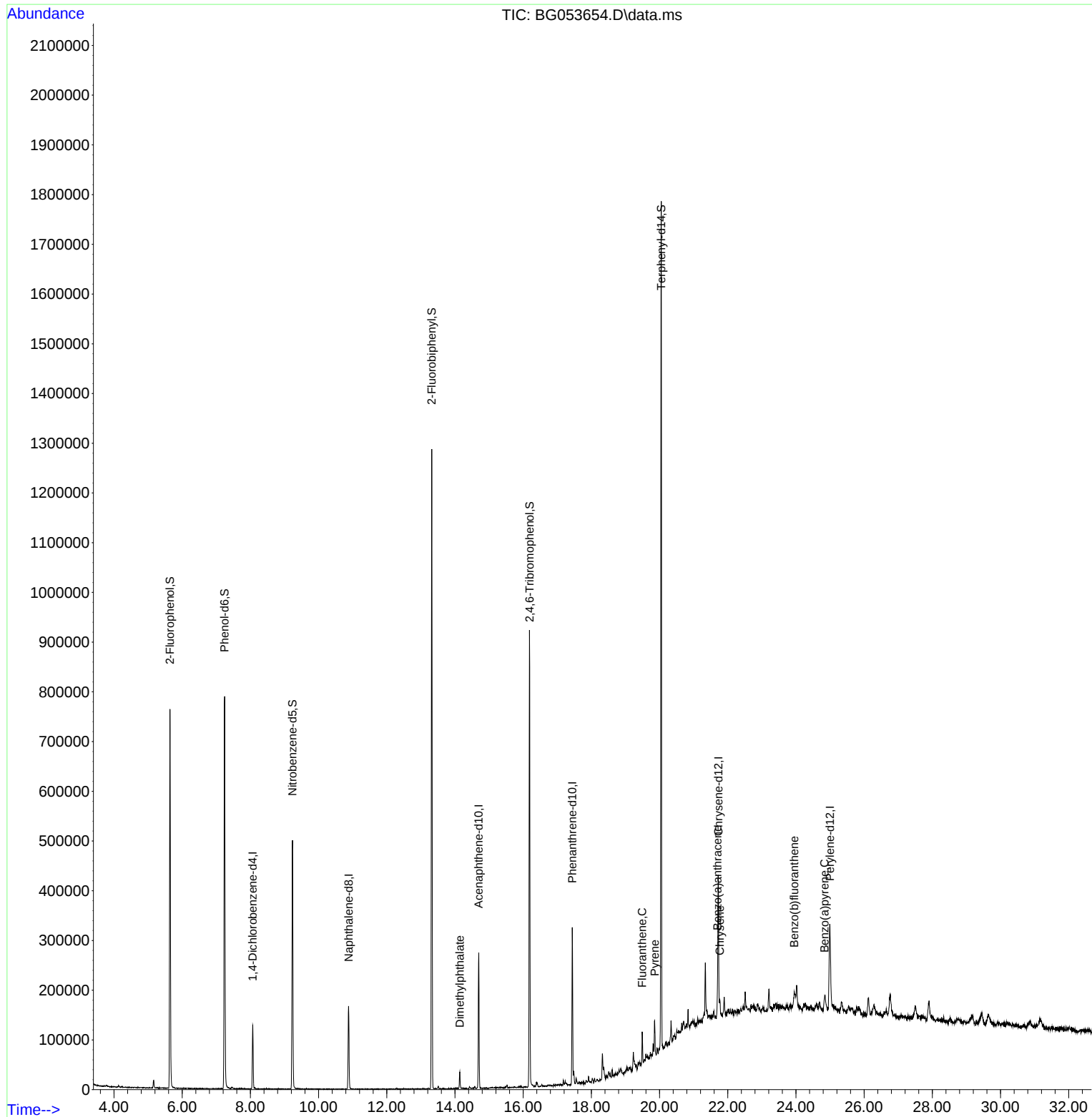
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	36266	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	144576	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	97402	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	199861	20.000	ng	0.00
76) Chrysene-d12	21.724	240	172309	20.000	ng	0.00
86) Perylene-d12	24.996	264	168870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	325273	152.218	ng	0.00
7) Phenol-d6	7.244	99	474167	146.209	ng	0.00
23) Nitrobenzene-d5	9.235	82	327957	96.562	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	184262	128.266	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	685617	102.860	ng	0.00
79) Terphenyl-d14	20.050	244	906000	97.929	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	14.140	163	21680	2.929	ng	98
75) Fluoranthene	19.492	202	40859	3.105	ng	96
78) Pyrene	19.856	202	42205	3.784	ng	98
81) Benzo(a)anthracene	21.701	228	25069	2.281	ng	# 94
83) Chrysene	21.765	228	27313	2.661	ng	94
88) Benzo(b)fluoranthene	23.951	252	36970	3.699	ng	# 82
90) Benzo(a)pyrene	24.838	252	26230	3.083	ng	# 72

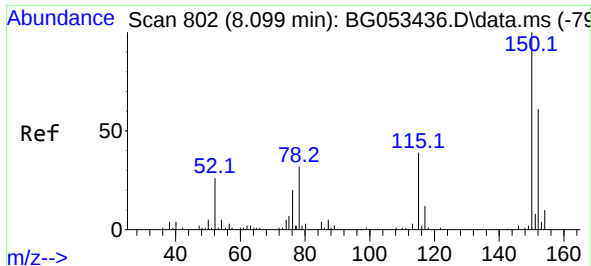
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053654.D
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Misc :
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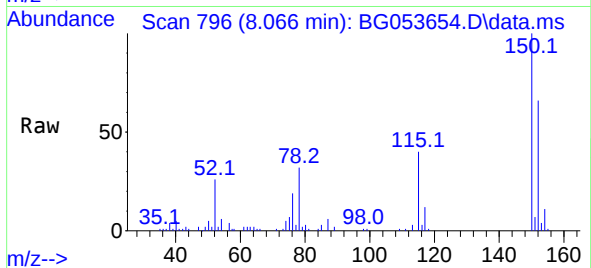
Quant Time: May 23 01:35:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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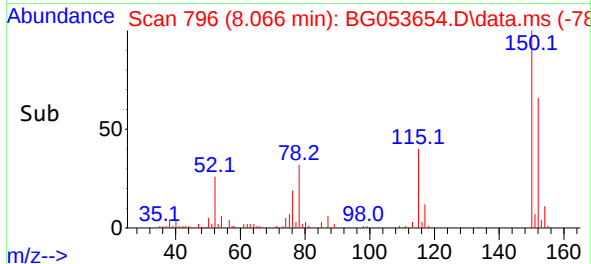
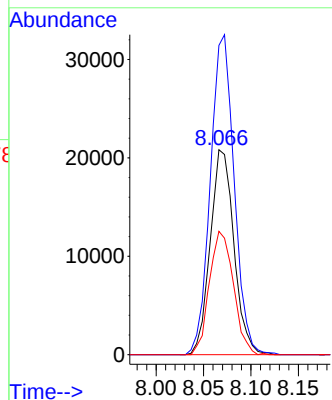


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.066 min Scan# 796
Delta R.T. -0.009 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

Instrument :
BNA_G
ClientSampleId :
CL-1-051922

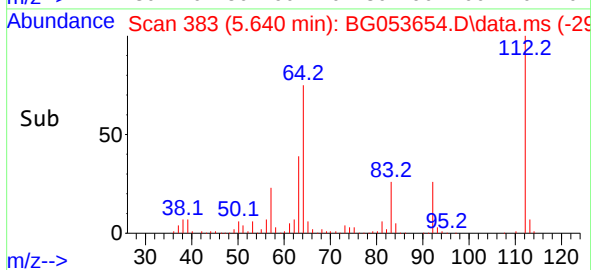
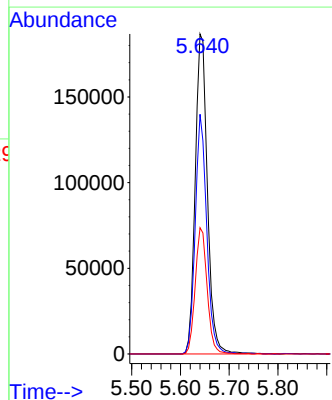
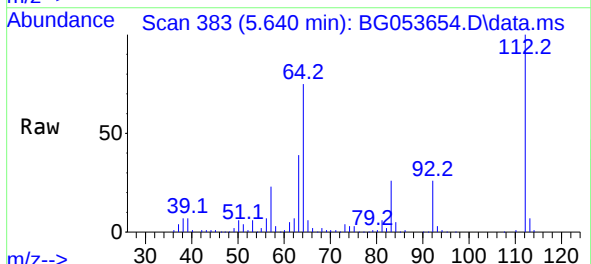


Tgt Ion:152 Resp: 36266
Ion Ratio Lower Upper
152 100
150 150.9 131.6 197.4
115 60.2 50.9 76.3



#5
2-Fluorophenol
Concen: 152.218 ng
RT: 5.640 min Scan# 383
Delta R.T. -0.003 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

Tgt Ion:112 Resp: 325273
Ion Ratio Lower Upper
112 100
64 74.9 55.1 82.7
63 39.4 30.4 45.6

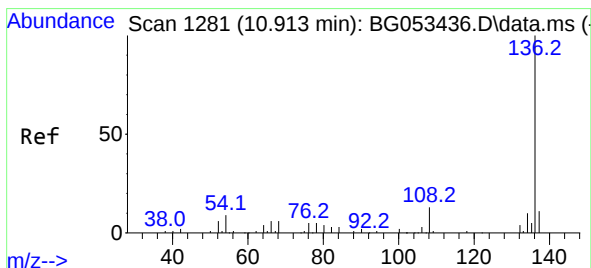
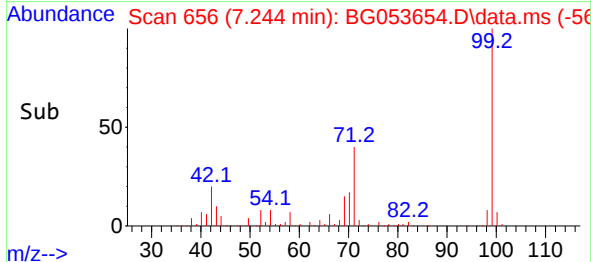
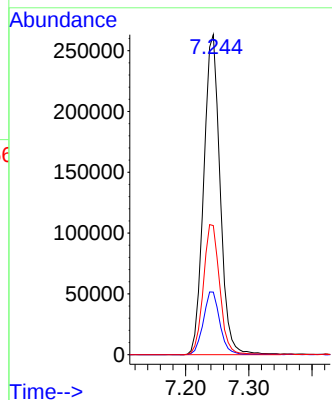
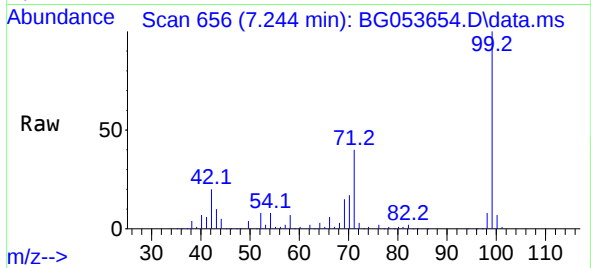




#7
Phenol-d6
Concen: 146.209 ng
RT: 7.244 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

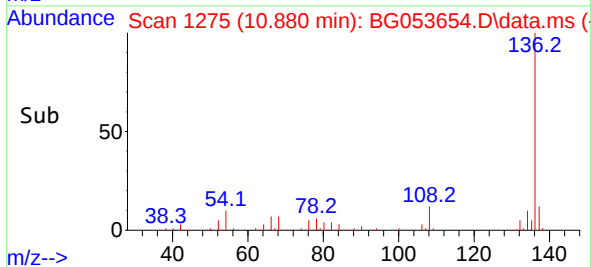
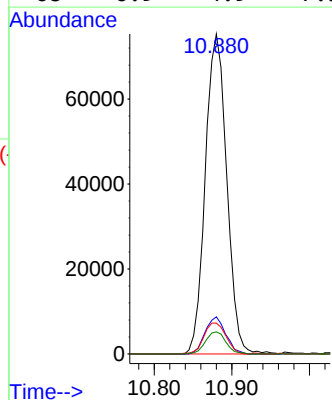
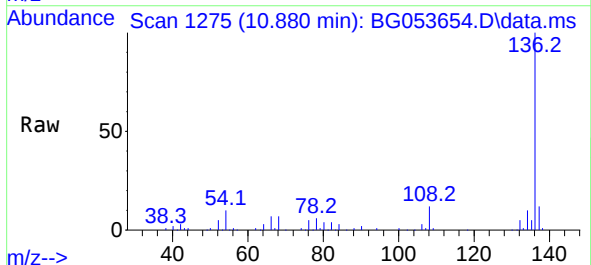
Instrument :
BNA_G
ClientSampleId :
CL-1-051922

Tgt Ion: 99 Resp: 474167
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 40.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 1275
Delta R.T. -0.003 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

Tgt Ion: 136 Resp: 144576
Ion Ratio Lower Upper
136 100
137 11.6 8.5 12.7
54 9.6 7.4 11.2
68 6.9 4.9 7.3

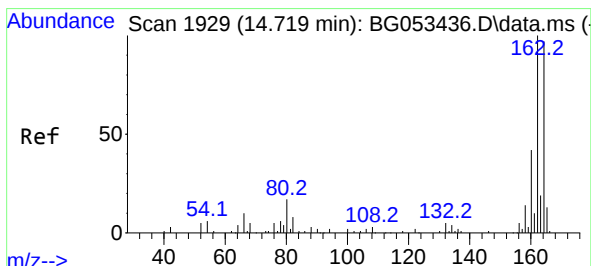
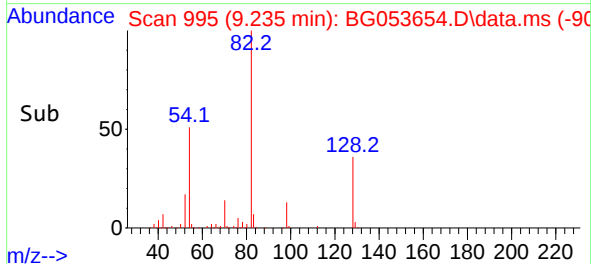
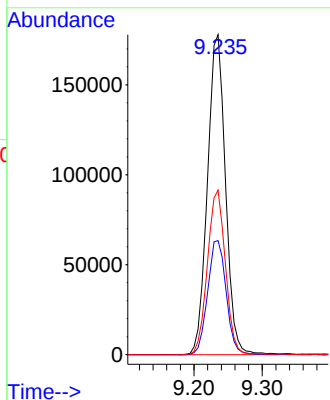
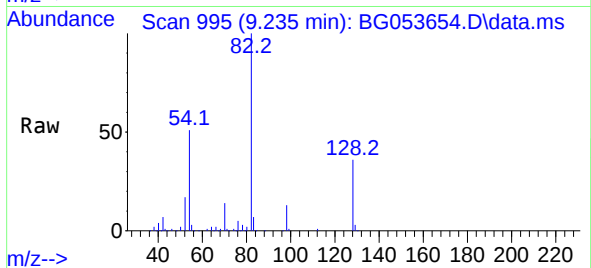




#23
Nitrobenzene-d5
Concen: 96.562 ng
RT: 9.235 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

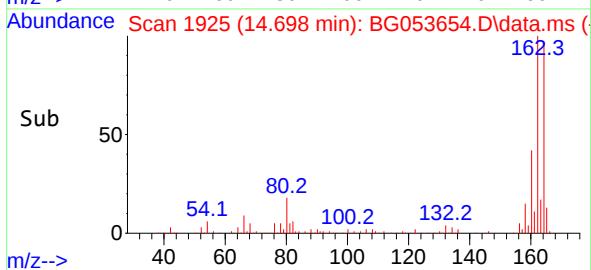
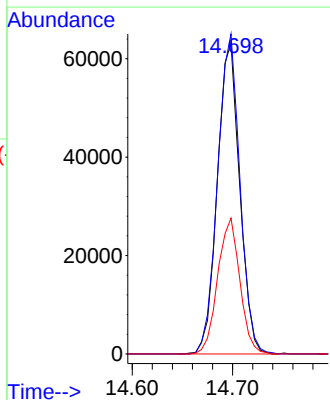
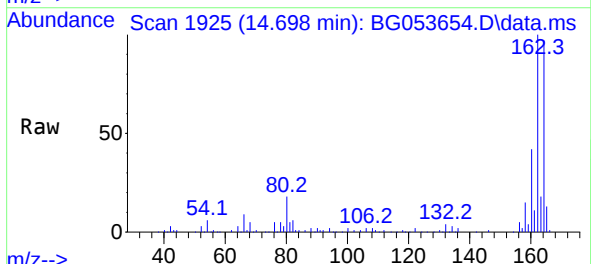
Instrument :
BNA_G
ClientSampleId :
CL-1-051922

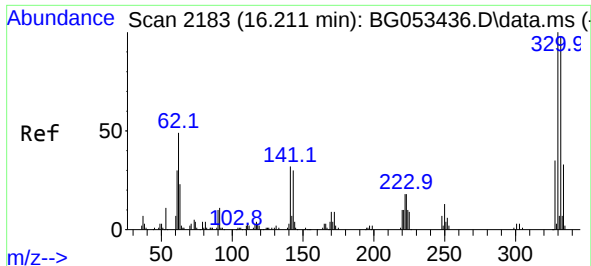
Tgt Ion: 82 Resp: 327957
Ion Ratio Lower Upper
82 100
128 35.6 27.9 41.9
54 51.4 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1925
Delta R.T. -0.003 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

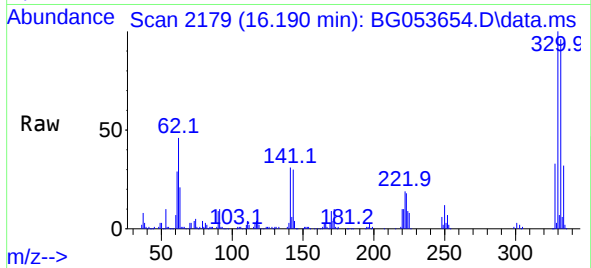
Tgt Ion: 164 Resp: 97402
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 43.7 34.2 51.2



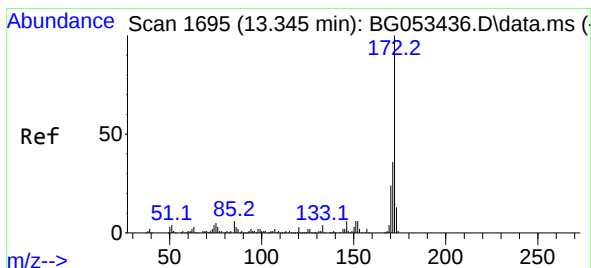
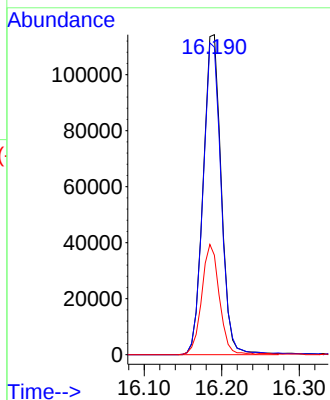
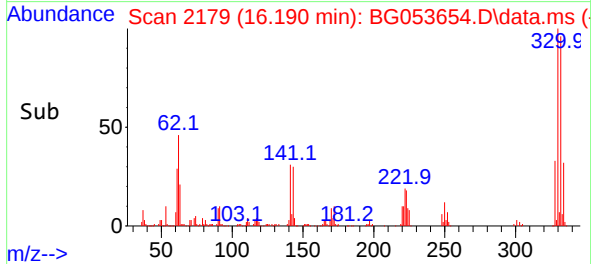


#42
2,4,6-Tribromophenol
Concen: 128.266 ng
RT: 16.190 min Scan# 2183
Delta R.T. -0.003 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

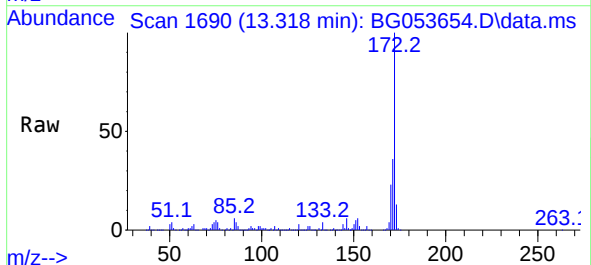
Instrument :
BNA_G
ClientSampleId :
CL-1-051922



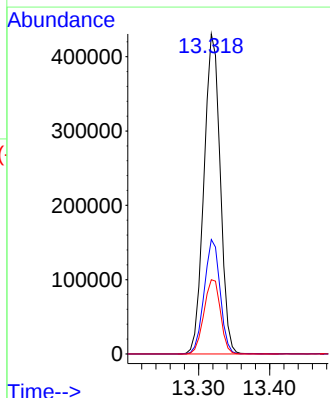
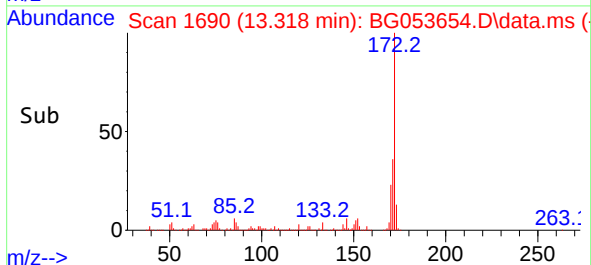
Tgt Ion:330 Resp: 184262
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 33.7 27.1 40.7

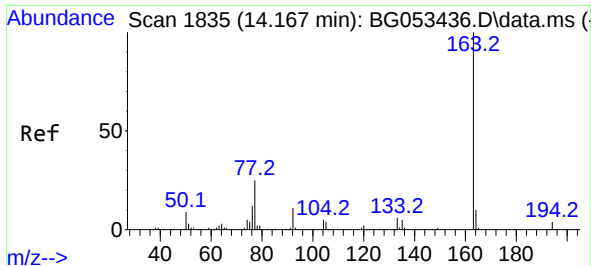


#45
2-Fluorobiphenyl
Concen: 102.860 ng
RT: 13.318 min Scan# 1690
Delta R.T. -0.009 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42



Tgt Ion:172 Resp: 685617
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.2 18.9 28.3

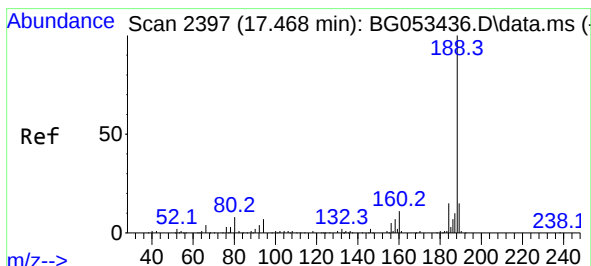
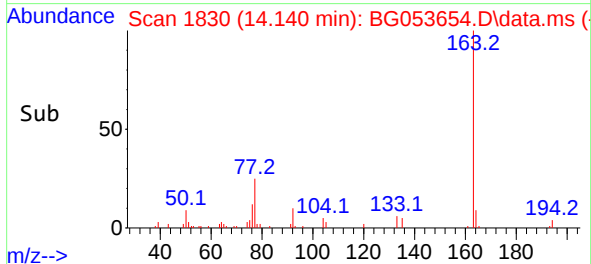
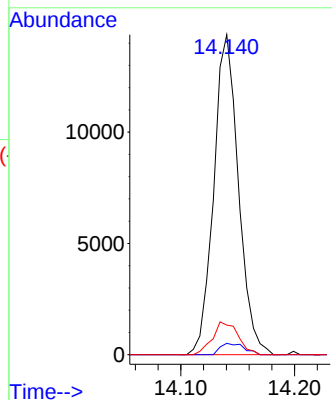
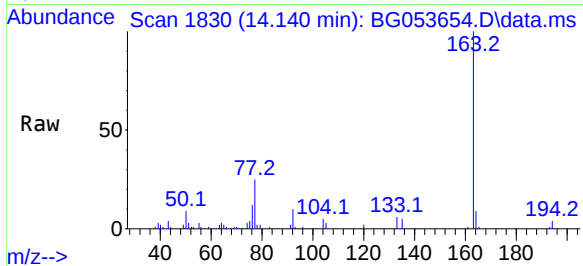




#50
Dimethylphthalate
Concen: 2.929 ng
RT: 14.140 min Scan# 1830
Delta R.T. -0.009 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

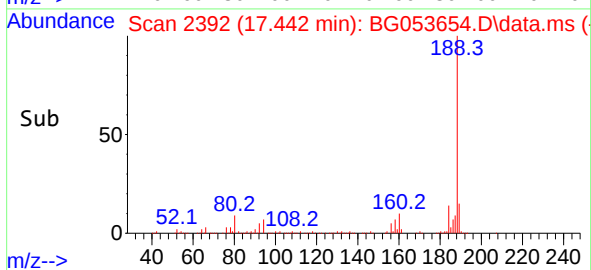
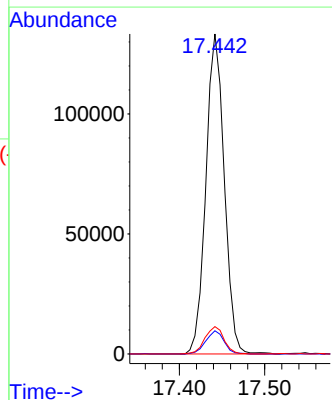
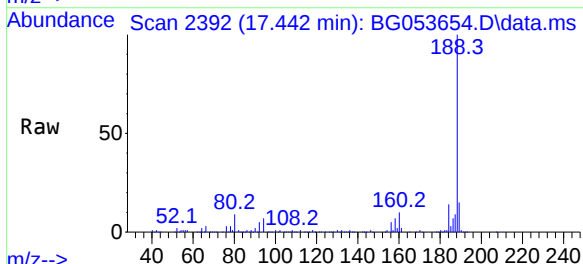
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ClientSampleId :
CL-1-051922

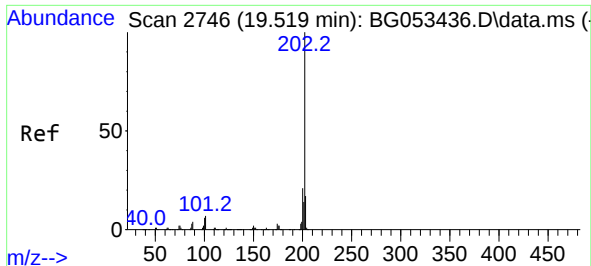
Tgt Ion:163 Resp: 21680
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.2 8.0 12.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2392
Delta R.T. -0.009 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

Tgt Ion:188 Resp: 199861
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 8.6 6.8 10.2

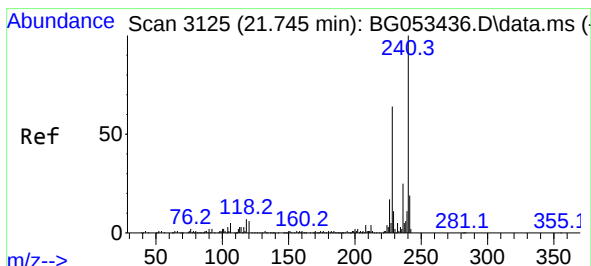
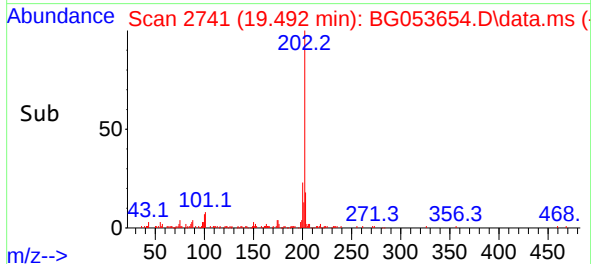
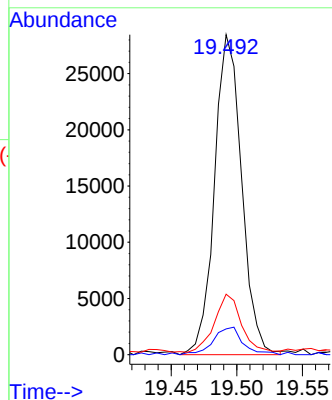
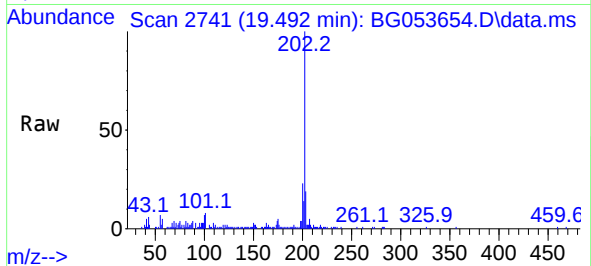




#75
Fluoranthene
Concen: 3.105 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

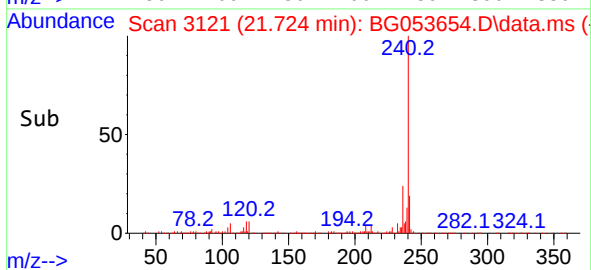
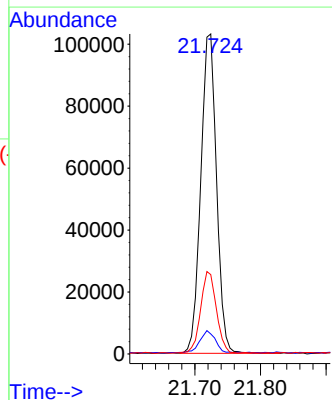
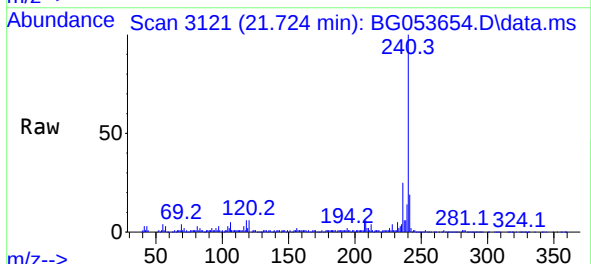
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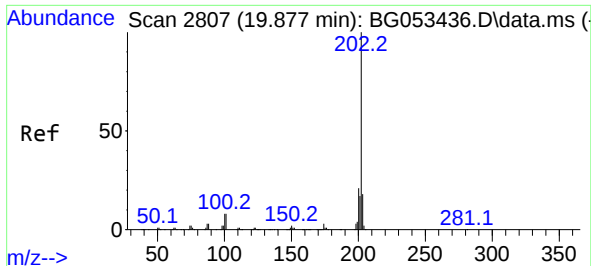
Tgt Ion:	202	Resp:	40859
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	26.9
203	18.9	0.0	37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3121
Delta R.T. -0.009 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

Tgt Ion:	240	Resp:	172309
Ion Ratio	Lower	Upper	
240	100		
120	6.2	4.6	7.0
236	24.8	20.2	30.4

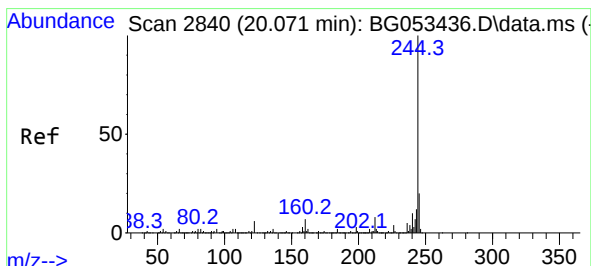
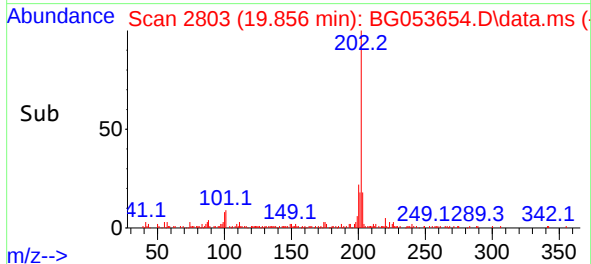
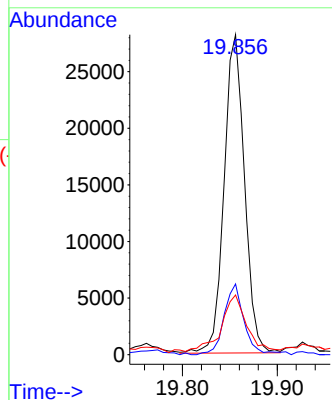
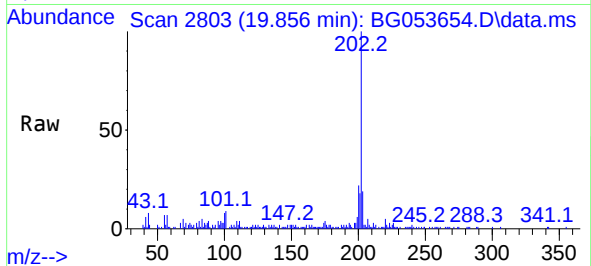




#78
 Pyrene
 Concen: 3.784 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053654.D
 Acq: 20 May 2022 21:42

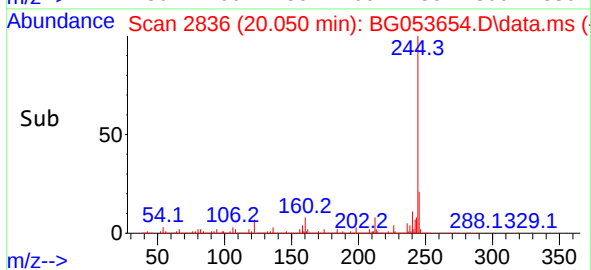
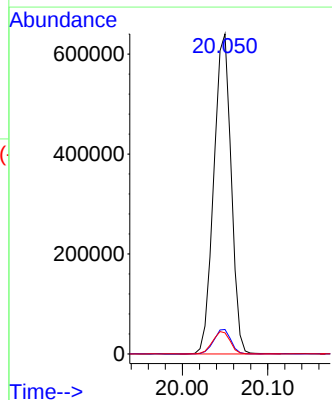
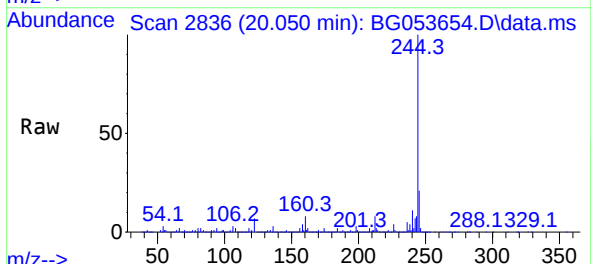
Instrument :
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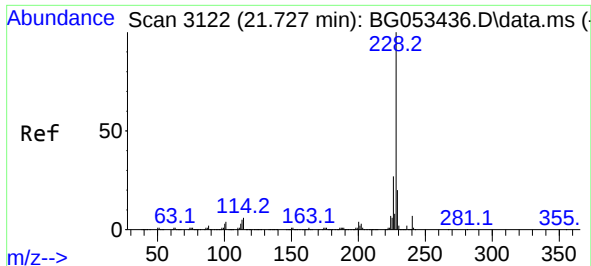
Tgt Ion:202 Resp: 42205
 Ion Ratio Lower Upper
 202 100
 200 22.1 16.6 24.8
 203 18.7 14.6 21.8



#79
 Terphenyl-d14
 Concen: 97.929 ng
 RT: 20.050 min Scan# 2836
 Delta R.T. -0.003 min
 Lab File: BG053654.D
 Acq: 20 May 2022 21:42

Tgt Ion:244 Resp: 906000
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.6 5.0 7.4

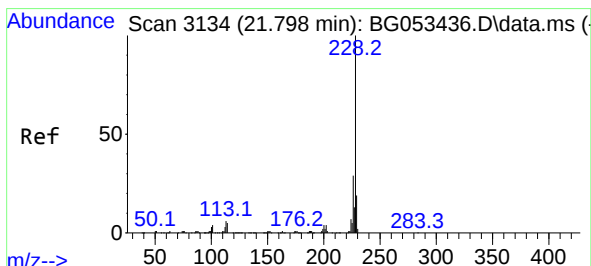
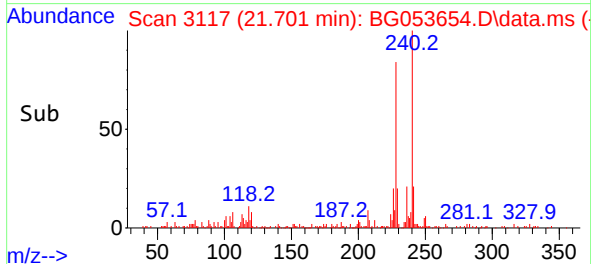
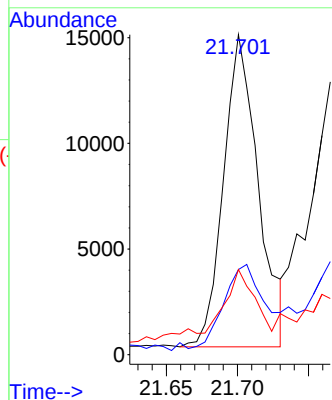
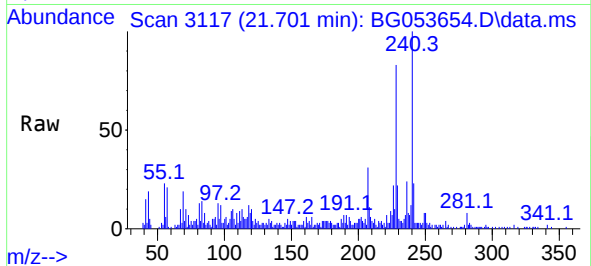




#81
Benzo(a)anthracene
Concen: 2.281 ng
RT: 21.701 min Scan# 3117
Delta R.T. -0.009 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

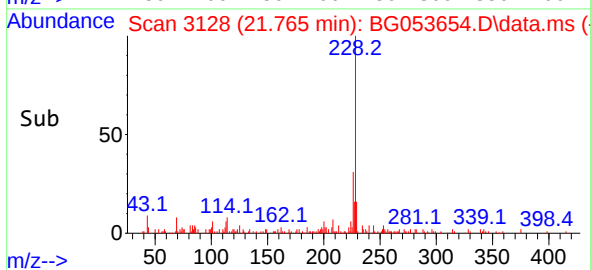
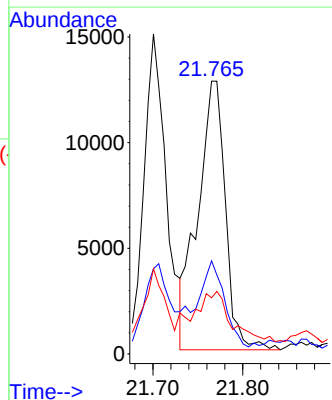
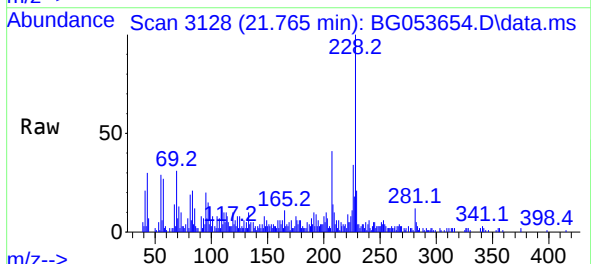
Instrument :
BNA_G
ClientSampleId :
CL-1-051922

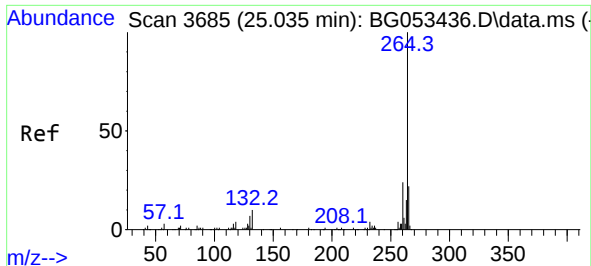
Tgt Ion:228 Resp: 25069
Ion Ratio Lower Upper
228 100
226 26.6 21.6 32.4
229 26.6 16.2 24.2#



#83
Chrysene
Concen: 2.661 ng
RT: 21.765 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

Tgt Ion:228 Resp: 27313
Ion Ratio Lower Upper
228 100
226 34.1 23.4 35.2
229 20.6 15.5 23.3



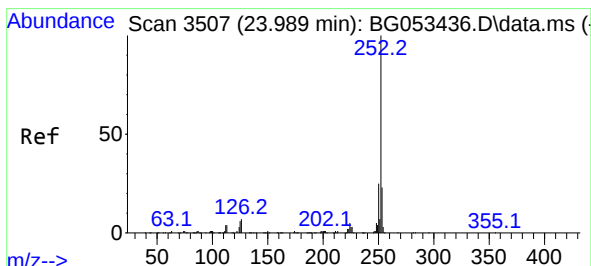
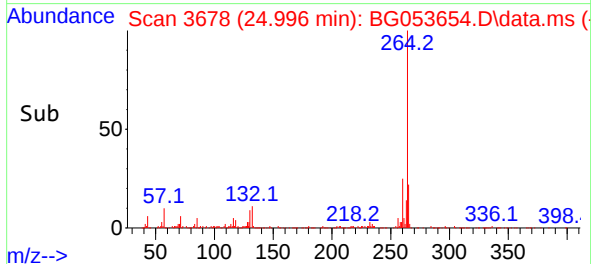
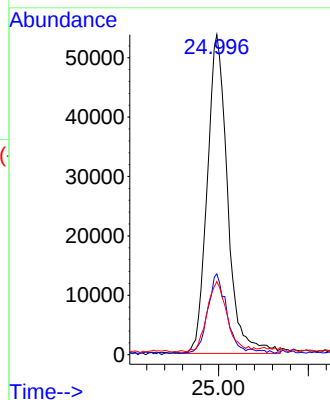
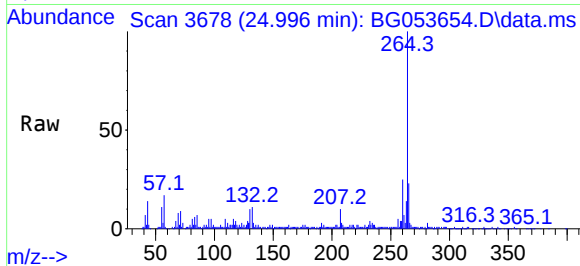


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.996 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

Instrument :
BNA_G
ClientSampleId :
CL-1-051922

Tgt Ion:264 Resp: 168870

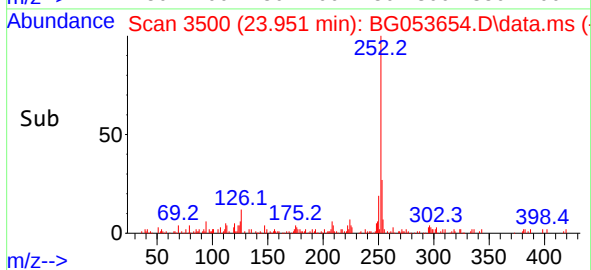
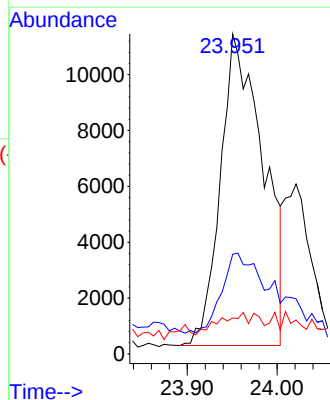
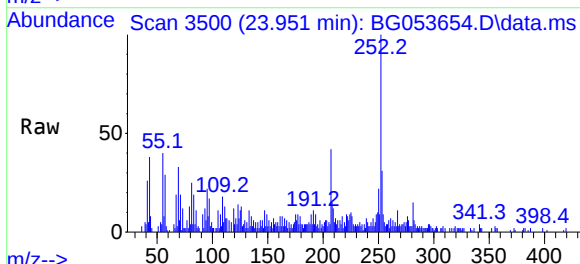
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.0	28.6
265	22.9	17.4	26.2

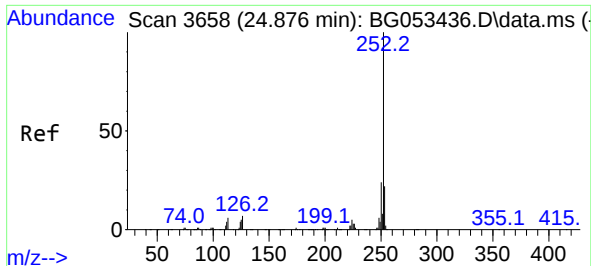


#88
Benzo(b)fluoranthene
Concen: 3.699 ng
RT: 23.951 min Scan# 3500
Delta R.T. -0.009 min
Lab File: BG053654.D
Acq: 20 May 2022 21:42

Tgt Ion:252 Resp: 36970

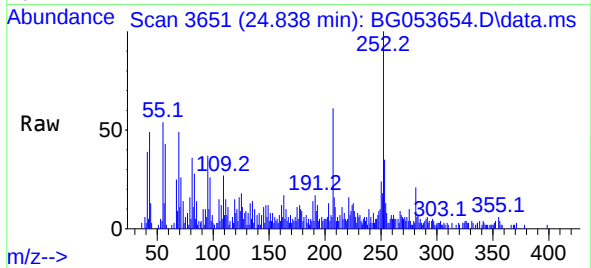
Ion	Ratio	Lower	Upper
252	100		
253	31.1	18.0	27.0#
125	11.3	4.6	6.8#





#90
 Benzo(a)pyrene
 Concen: 3.083 ng
 RT: 24.838 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG053654.D
 Acq: 20 May 2022 21:42

Instrument :
 BNA_G
 ClientSampleId :
 CL-1-051922



Tgt Ion:	252	Resp:	26230
Ion Ratio	Lower	Upper	
252	100		
253	34.7	17.8	26.8#
125	18.3	4.3	6.5#

