

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056590.D
 Acq On : 8 Feb 2023 20:41
 Operator : CG/JU
 Sample : 01465-01DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1DL

Quant Time: Feb 09 02:09:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

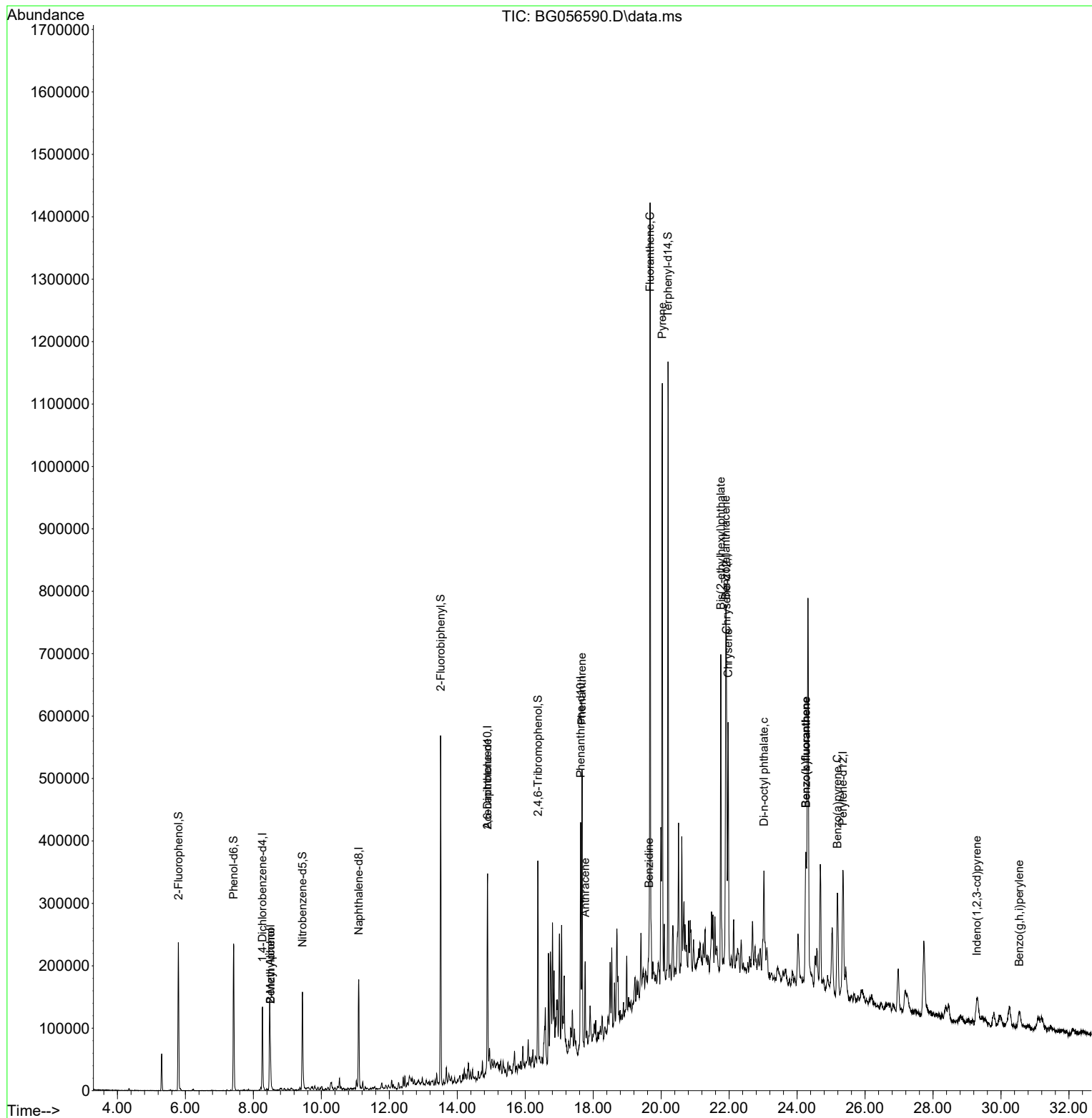
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	45285	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	166043	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	114532	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	254371	20.000	ng	0.00
76) Chrysene-d12	21.925	240	244446	20.000	ng	# 0.00
86) Perylene-d12	25.350	264	269555	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	145494	59.103	ng	0.00
7) Phenol-d6	7.418	99	192726	52.839	ng	0.00
23) Nitrobenzene-d5	9.445	82	105608	36.117	ng	0.00
42) 2,4,6-Tribromophenol	16.372	330	68269	44.836	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	314451	38.065	ng	0.00
79) Terphenyl-d14	20.203	244	514874	36.994	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.505	79	37789	15.100	ng	100
17) 2-Methylphenol	8.505	107	23453	8.316	ng	# 21
51) 2,6-Dinitrotoluene	14.892	165	16326	8.079	ng	# 44
71) Phenanthrene	17.671	178	306930	23.054	ng	98
72) Anthracene	17.765	178	100166	7.329	ng	99
75) Fluoranthene	19.674	202	807527	48.059	ng	100
77) Benzidine	19.645	184	110047	16.636	ng	# 87
78) Pyrene	20.033	202	678959	39.053	ng	98
81) Benzo(a)anthracene	21.901	228	371419	21.734	ng	100
83) Chrysene	21.972	228	303851	18.925	ng	97
84) Bis(2-ethylhexyl)phtha...	21.754	149	304645	40.019	ng	100
85) Di-n-octyl phthalate	23.023	149	154864	12.216	ng	# 98
87) Indeno(1,2,3-cd)pyrene	29.293	276	91207	4.622	ng	# 96
88) Benzo(b)fluoranthene	24.257	252	318628	19.044	ng	100
89) Benzo(k)fluoranthene	24.257	252	318628	18.862	ng	98
90) Benzo(a)pyrene	25.186	252	213451	12.951	ng	100
92) Benzo(g,h,i)perylene	30.538	276	76865	4.810	ng	# 93

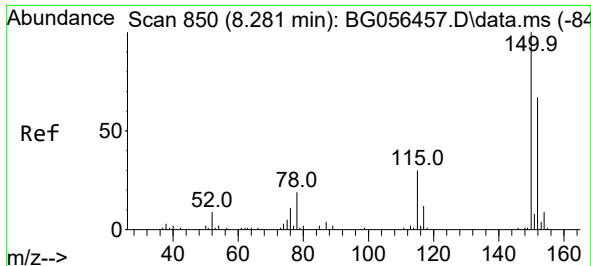
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056590.D
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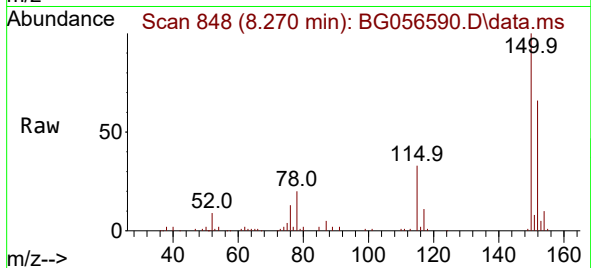
Quant Time: Feb 09 02:09:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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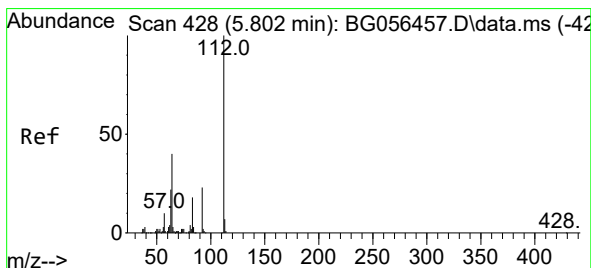
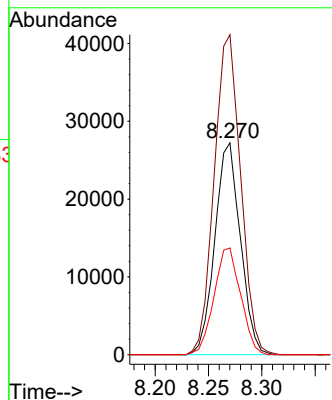
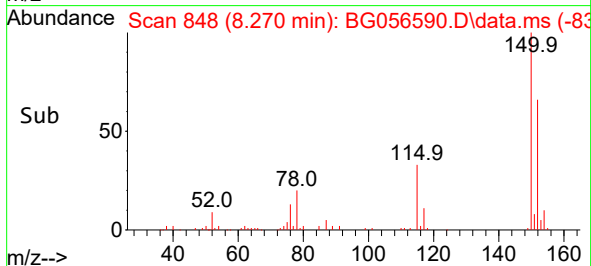


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41

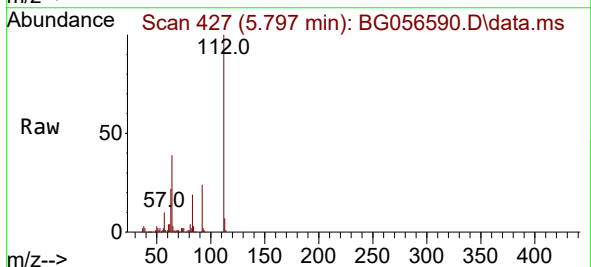
Instrument :
BNA_G
ClientSampleId :
COMP-1DL



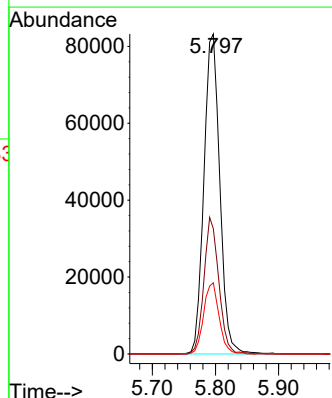
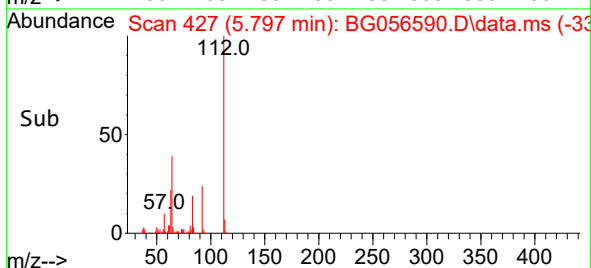
Tgt Ion:152 Resp: 45285
Ion Ratio Lower Upper
152 100
150 151.1 120.2 180.4
115 50.4 36.3 54.5

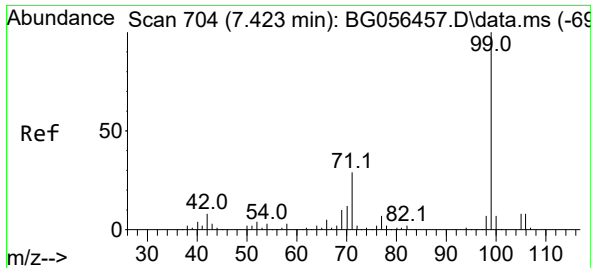


#5
2-Fluorophenol
Concen: 59.103 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.007 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41



Tgt Ion:112 Resp: 145494
Ion Ratio Lower Upper
112 100
64 39.1 31.9 47.9
63 22.3 17.4 26.0





#7

Phenol-d6

Concen: 52.839 ng

RT: 7.418 min Scan# 704

Delta R.T. 0.001 min

Lab File: BG056590.D

Acq: 8 Feb 2023 20:41

Instrument :

BNA_G

ClientSampleId :

COMP-1DL

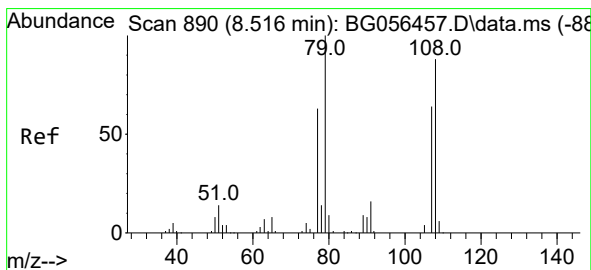
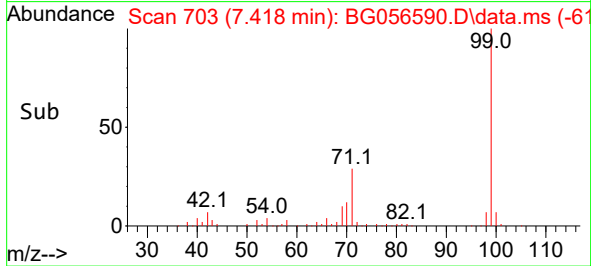
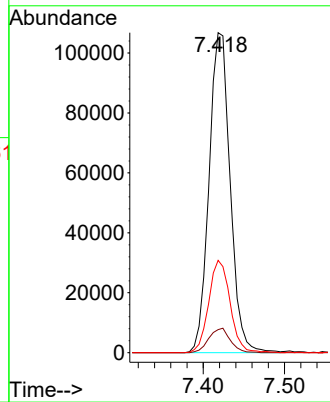
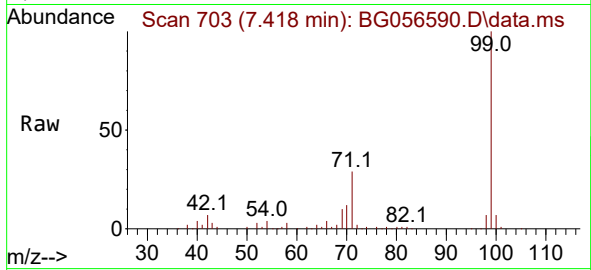
Tgt Ion: 99 Resp: 192726

Ion Ratio Lower Upper

99 100

42 7.2 6.6 10.0

71 28.8 23.4 35.0



#15

Benzyl Alcohol

Concen: 15.100 ng

RT: 8.505 min Scan# 888

Delta R.T. 0.001 min

Lab File: BG056590.D

Acq: 8 Feb 2023 20:41

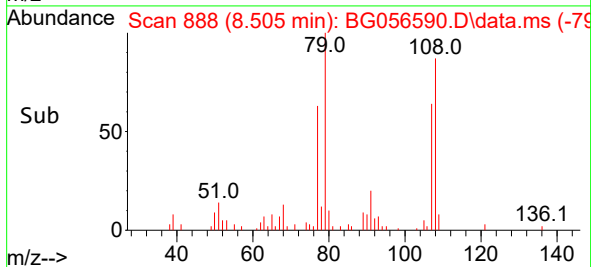
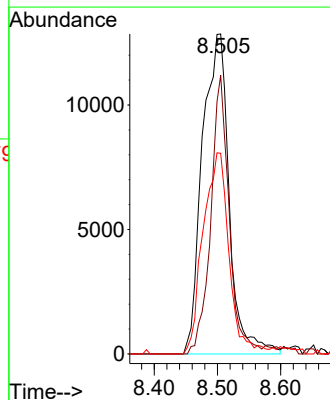
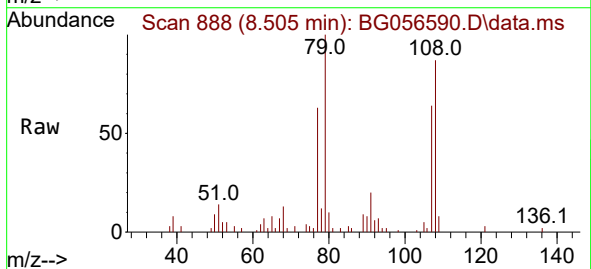
Tgt Ion: 79 Resp: 37789

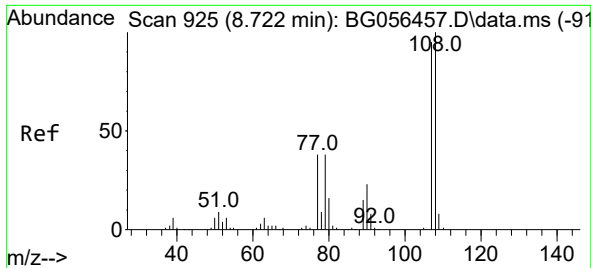
Ion Ratio Lower Upper

79 100

108 87.1 70.1 105.1

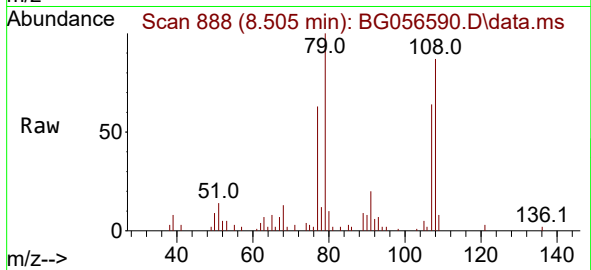
77 62.7 50.3 75.5



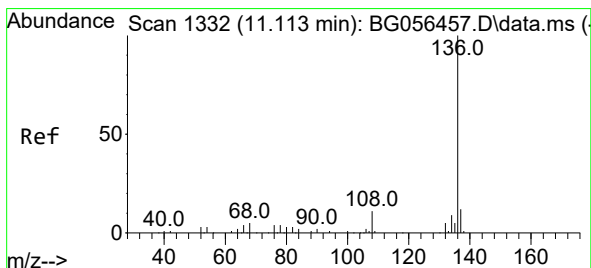
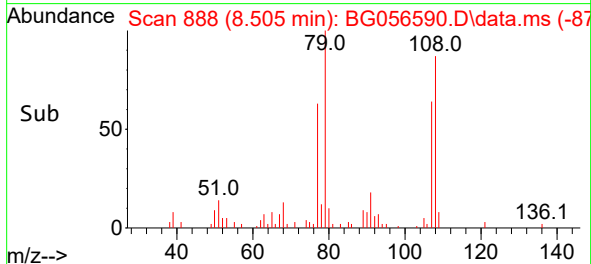
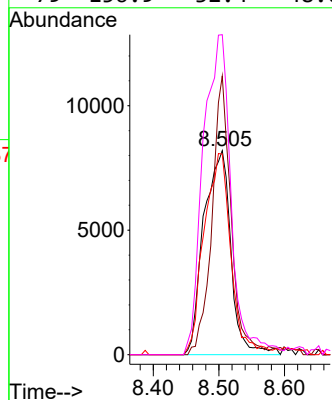


#17
2-Methylphenol
Concen: 8.316 ng
RT: 8.505 min Scan# 81
Delta R.T. -0.205 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41

Instrument :
BNA_G
ClientSampleId :
COMP-1DL

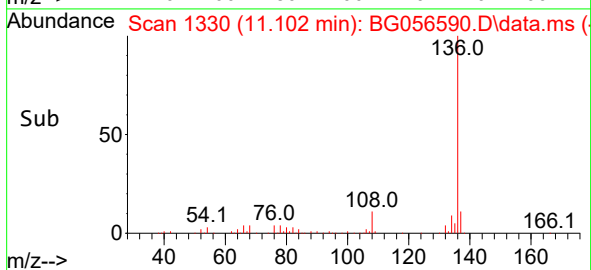
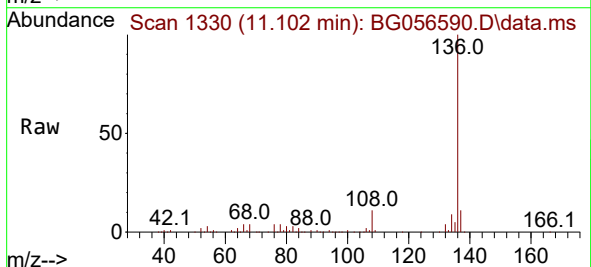
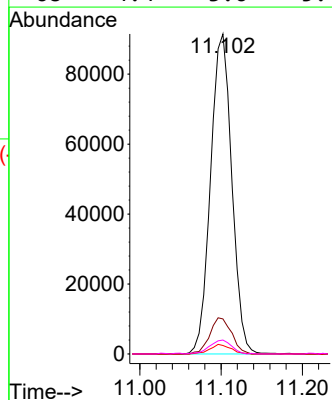


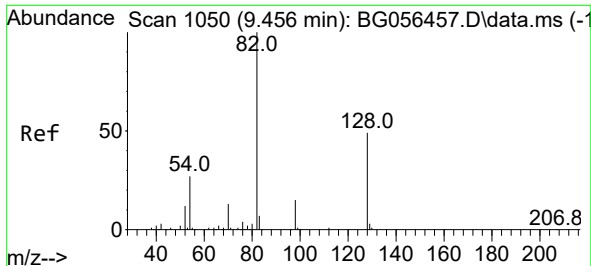
Tgt Ion:	107	Resp:	23453
Ion	Ratio	Lower	Upper
107	100		
108	136.6	83.9	125.9#
77	98.3	31.6	47.4#
79	156.9	32.4	48.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. 0.001 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41

Tgt Ion:	136	Resp:	166043
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.0
54	2.7	2.2	3.4
68	4.4	3.6	5.4

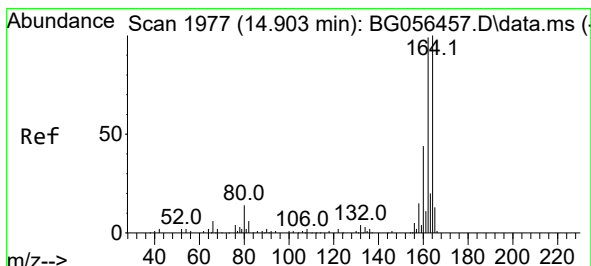
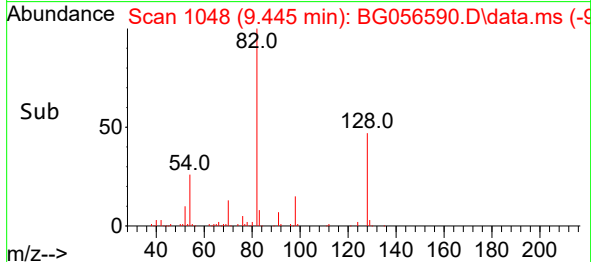
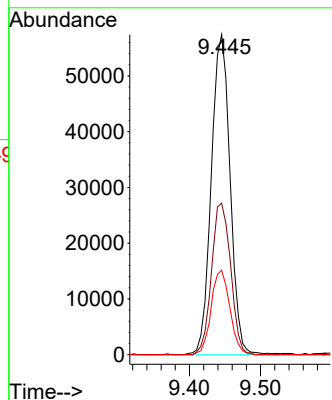
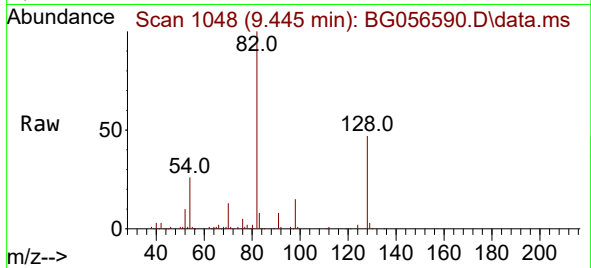




#23
Nitrobenzene-d5
Concen: 36.117 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.001 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41

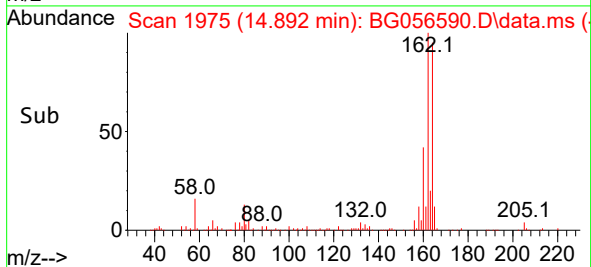
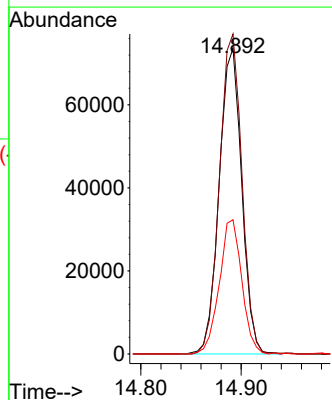
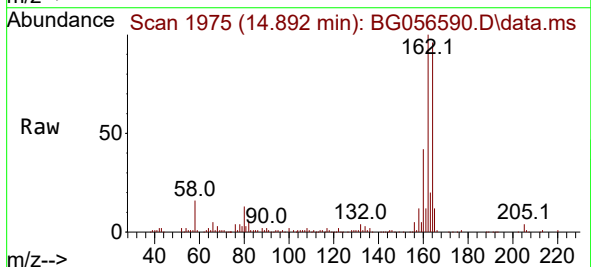
Instrument :
BNA_G
ClientSampleId :
COMP-1DL

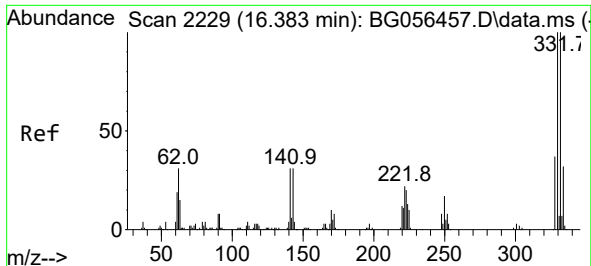
Tgt Ion: 82 Resp: 105608
Ion Ratio Lower Upper
82 100
128 47.4 39.4 59.2
54 26.4 21.4 32.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41

Tgt Ion: 164 Resp: 114532
Ion Ratio Lower Upper
164 100
162 104.7 79.6 119.4
160 43.9 34.9 52.3

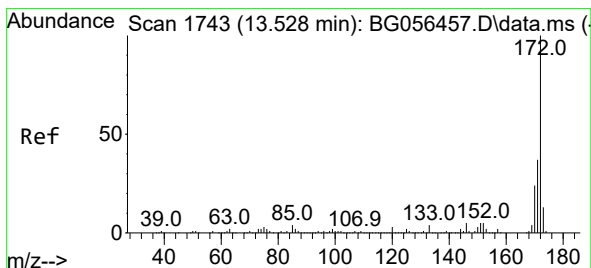
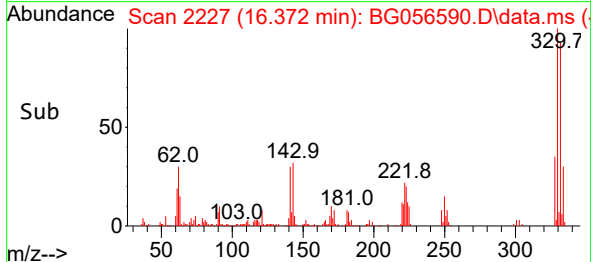
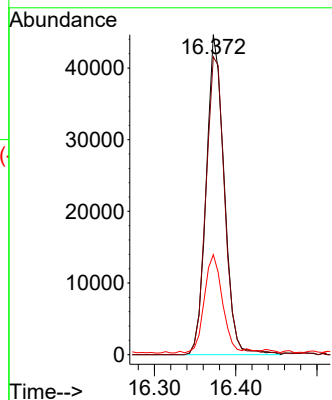
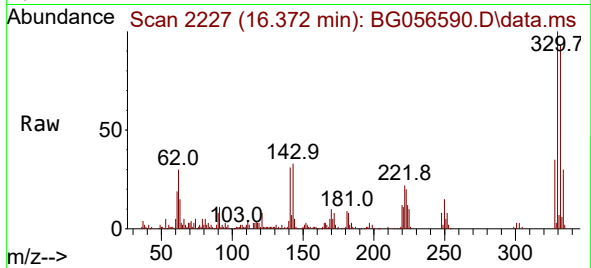




#42
 2,4,6-Tribromophenol
 Concen: 44.836 ng
 RT: 16.372 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056590.D
 Acq: 8 Feb 2023 20:41

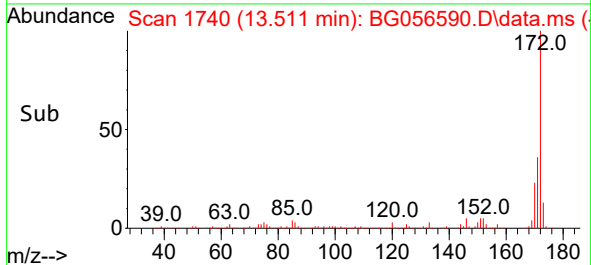
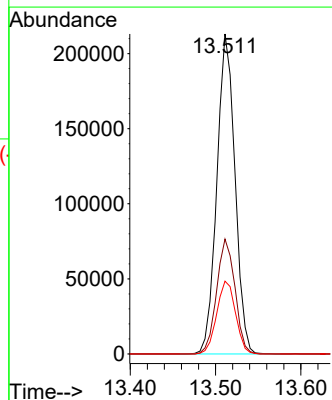
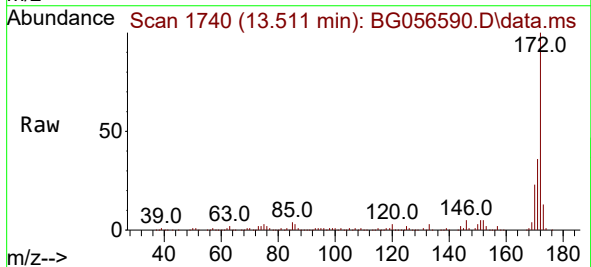
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 ClientSampleId :
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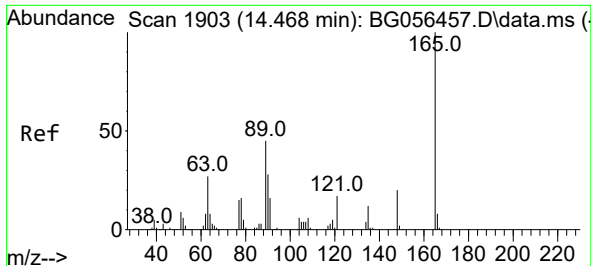
Tgt Ion:330 Resp: 68269
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.0 118.6
 141 31.0 24.2 36.4



#45
 2-Fluorobiphenyl
 Concen: 38.065 ng
 RT: 13.511 min Scan# 1740
 Delta R.T. -0.005 min
 Lab File: BG056590.D
 Acq: 8 Feb 2023 20:41

Tgt Ion:172 Resp: 314451
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.5 44.3
 170 22.8 19.2 28.8

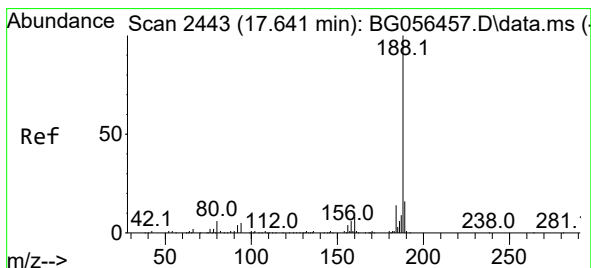
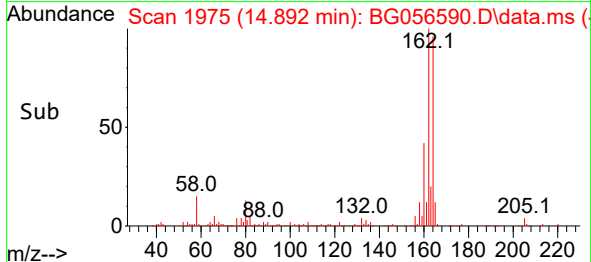
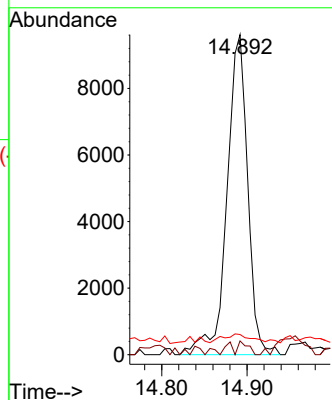
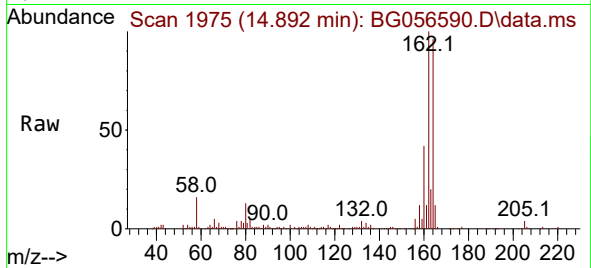




#51
2,6-Dinitrotoluene
Concen: 8.079 ng
RT: 14.892 min Scan# 14
Delta R.T. 0.430 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41

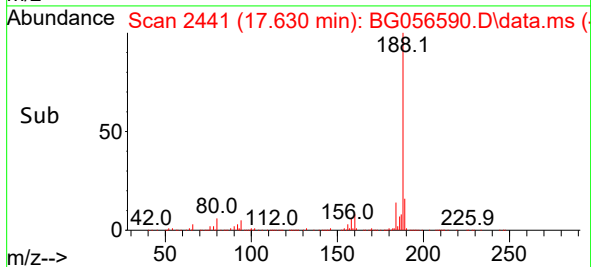
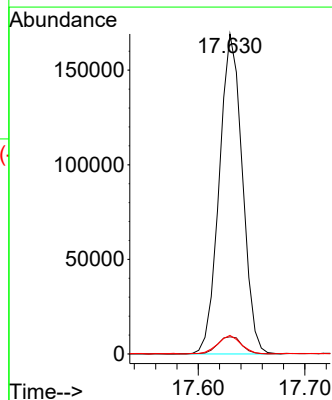
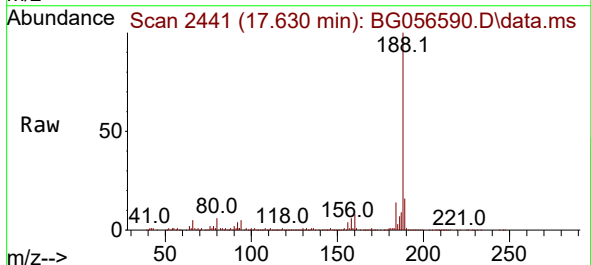
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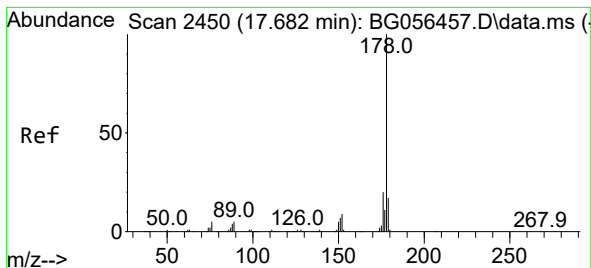
Tgt Ion:165 Resp: 16326
Ion Ratio Lower Upper
165 100
63 4.3 26.9 40.3#
89 6.3 35.6 53.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.001 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41

Tgt Ion:188 Resp: 254371
Ion Ratio Lower Upper
188 100
94 5.4 4.1 6.1
80 5.8 5.0 7.4





#71

Phenanthrene

Concen: 23.054 ng

RT: 17.671 min Scan# 2448

Delta R.T. 0.001 min

Lab File: BG056590.D

Acq: 8 Feb 2023 20:41

Instrument :

BNA_G

ClientSampleId :

COMP-1DL

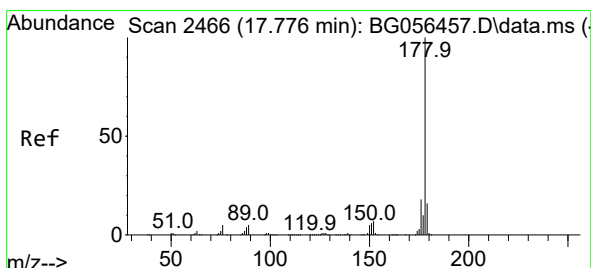
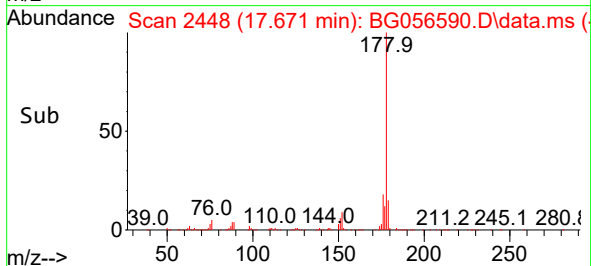
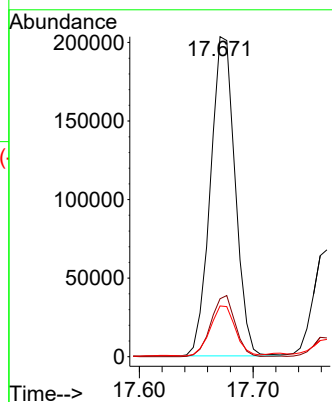
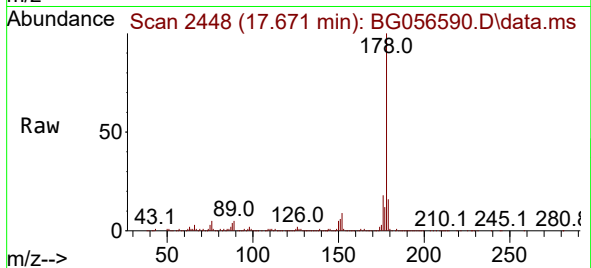
Tgt Ion:178 Resp: 306930

Ion Ratio Lower Upper

178 100

176 18.1 15.6 23.4

179 15.9 13.3 19.9



#72

Anthracene

Concen: 7.329 ng

RT: 17.765 min Scan# 2464

Delta R.T. 0.001 min

Lab File: BG056590.D

Acq: 8 Feb 2023 20:41

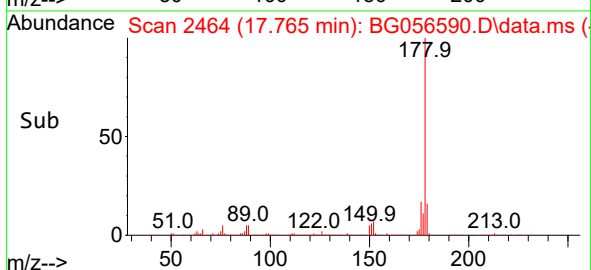
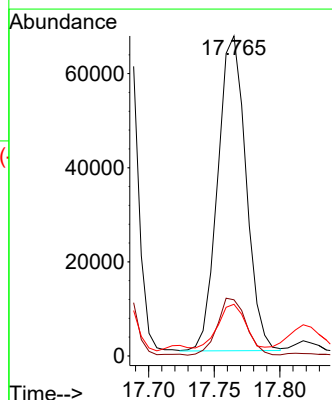
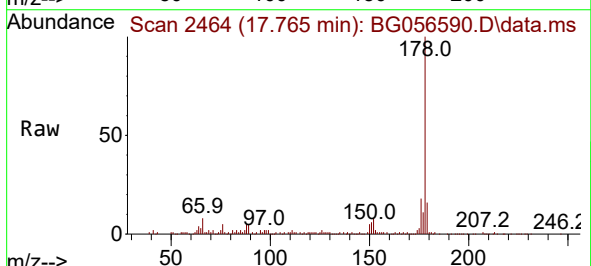
Tgt Ion:178 Resp: 100166

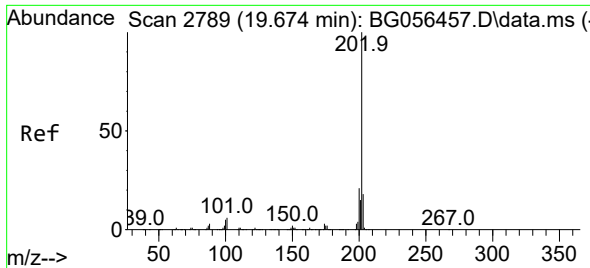
Ion Ratio Lower Upper

178 100

176 17.5 14.5 21.7

179 16.2 12.5 18.7

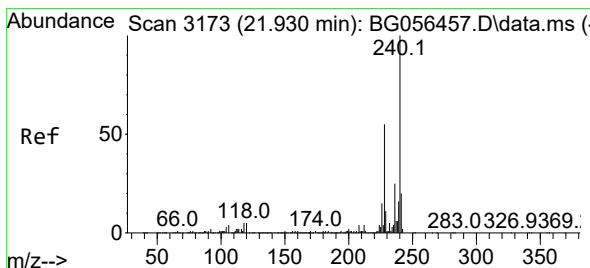
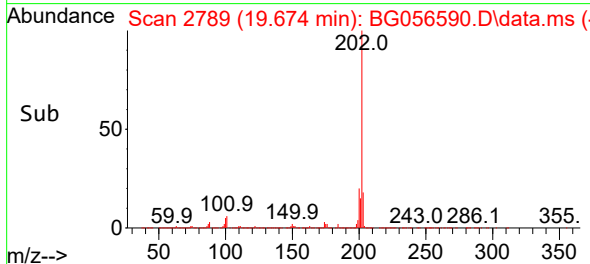
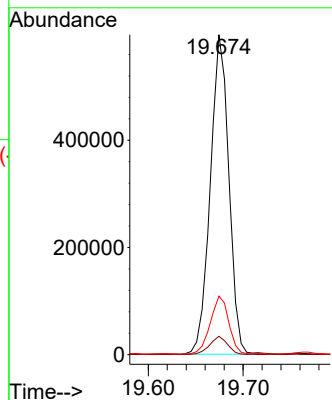
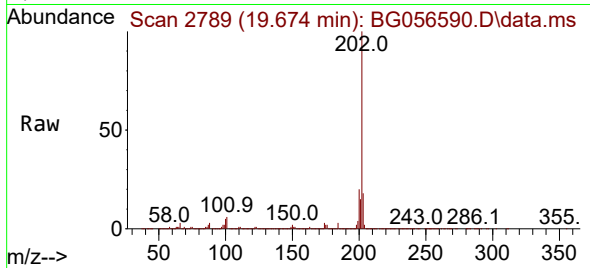




#75
 Fluoranthene
 Concen: 48.059 ng
 RT: 19.674 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: BG056590.D
 Acq: 8 Feb 2023 20:41

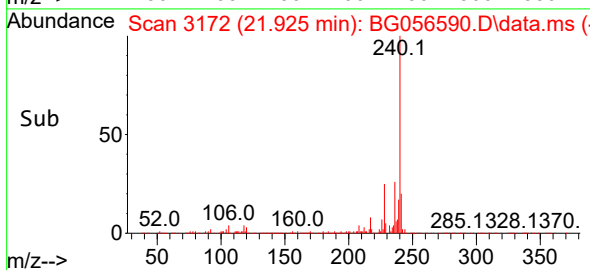
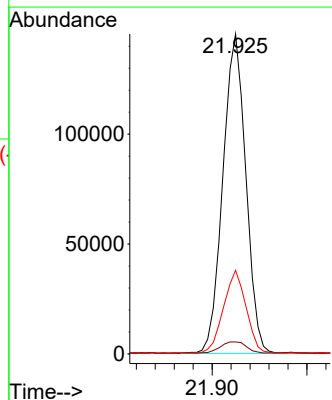
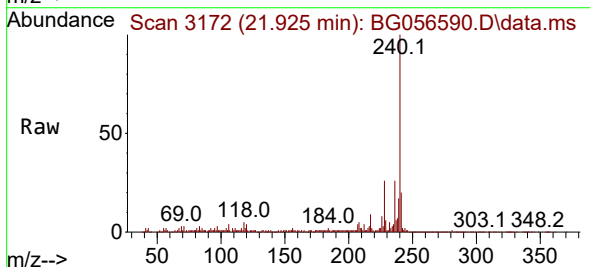
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1DL

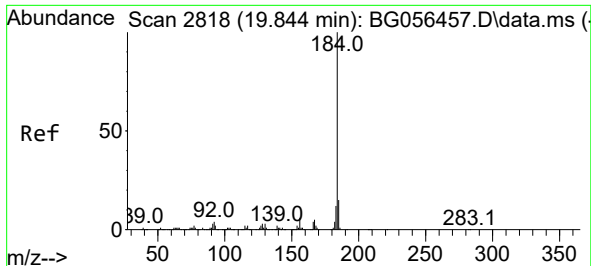
Tgt Ion:202 Resp: 807527
 Ion Ratio Lower Upper
 202 100
 101 5.8 0.0 25.6
 203 18.3 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.925 min Scan# 3172
 Delta R.T. 0.001 min
 Lab File: BG056590.D
 Acq: 8 Feb 2023 20:41

Tgt Ion:240 Resp: 244446
 Ion Ratio Lower Upper
 240 100
 120 3.8 3.8 5.8#
 236 26.2 20.2 30.2

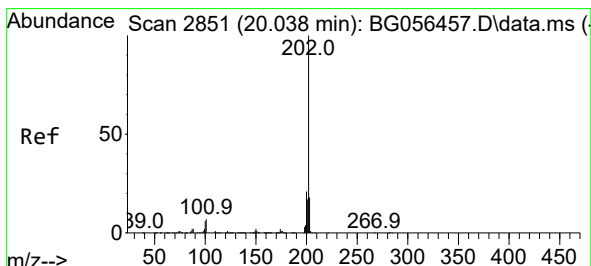
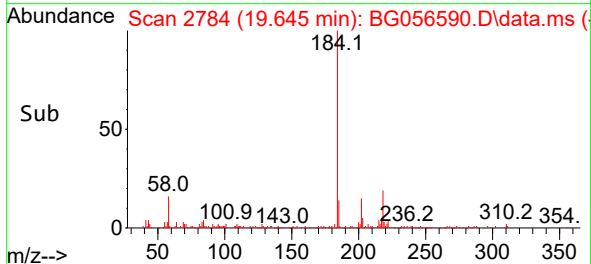
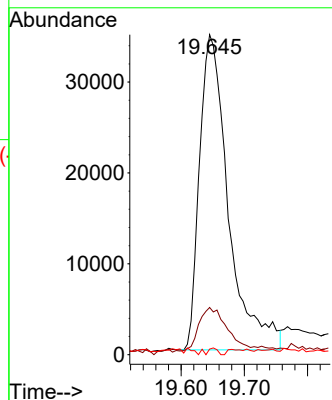
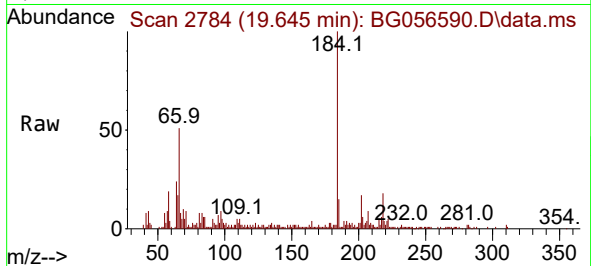




#77
Benzidine
Concen: 16.636 ng
RT: 19.645 min Scan# 21
Delta R.T. -0.187 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41

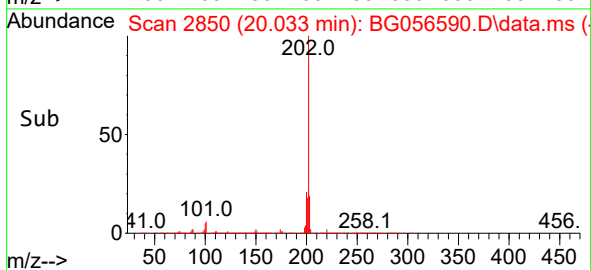
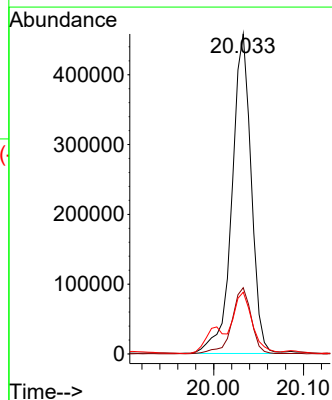
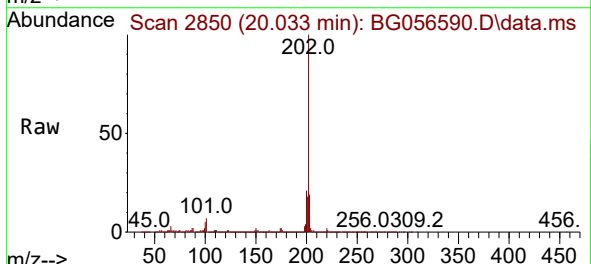
Instrument :
BNA_G
ClientSampleId :
COMP-1DL

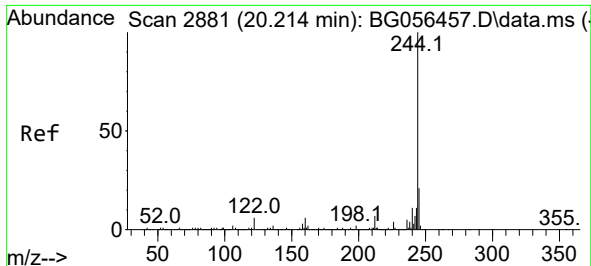
Tgt Ion:184 Resp: 110047
Ion Ratio Lower Upper
184 100
185 14.8 12.3 18.5
183 1.7 9.8 14.8#



#78
Pyrene
Concen: 39.053 ng
RT: 20.033 min Scan# 2850
Delta R.T. 0.007 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41

Tgt Ion:202 Resp: 678959
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 19.3 14.4 21.6

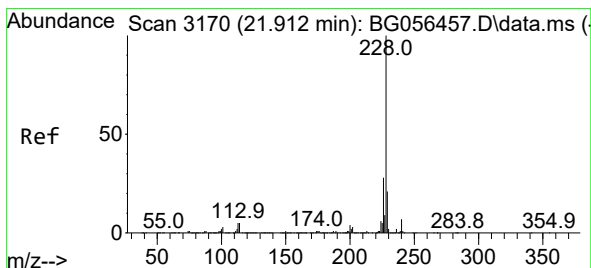
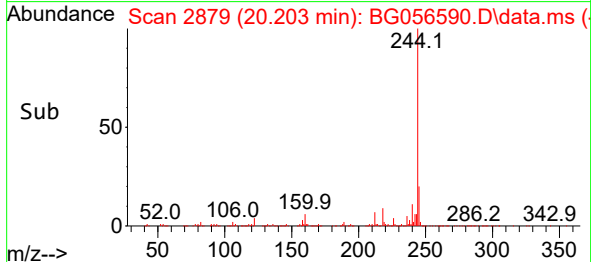
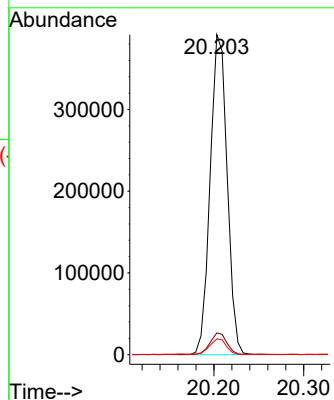
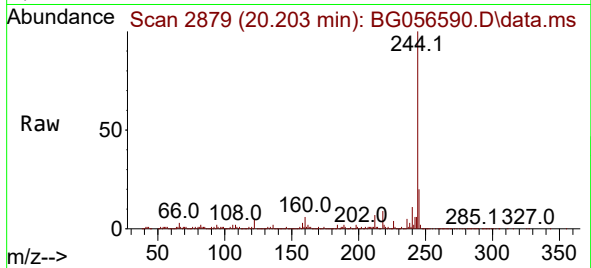




#79
 Terphenyl-d14
 Concen: 36.994 ng
 RT: 20.203 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056590.D
 Acq: 8 Feb 2023 20:41

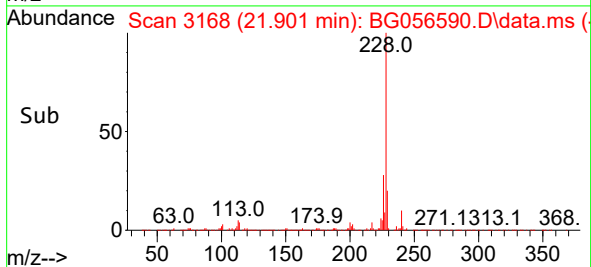
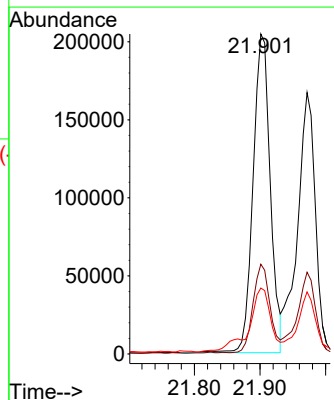
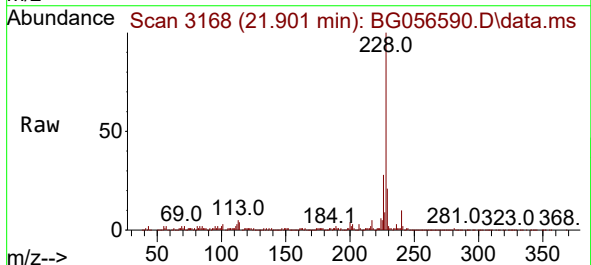
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1DL

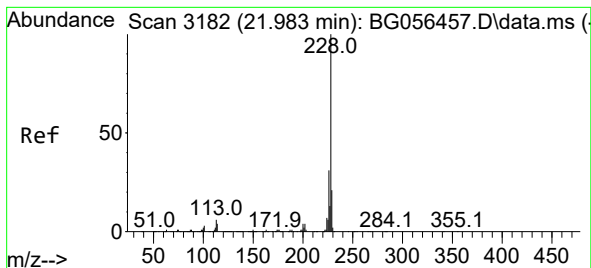
Tgt Ion:244 Resp: 514874
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 4.9 4.4 6.6



#81
 Benzo(a)anthracene
 Concen: 21.734 ng
 RT: 21.901 min Scan# 3168
 Delta R.T. 0.001 min
 Lab File: BG056590.D
 Acq: 8 Feb 2023 20:41

Tgt Ion:228 Resp: 371419
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.4 33.6
 229 20.6 16.5 24.7





#83

Chrysene

Concen: 18.925 ng

RT: 21.972 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG056590.D

Acq: 8 Feb 2023 20:41

Instrument :

BNA_G

ClientSampleId :

COMP-1DL

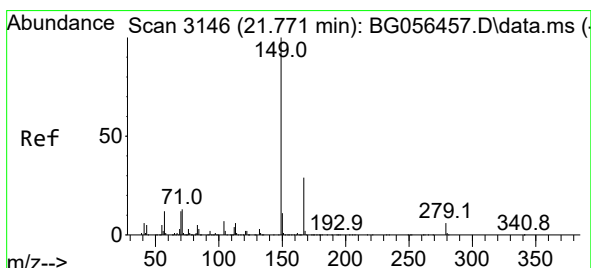
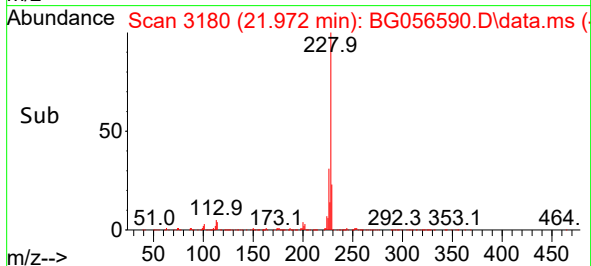
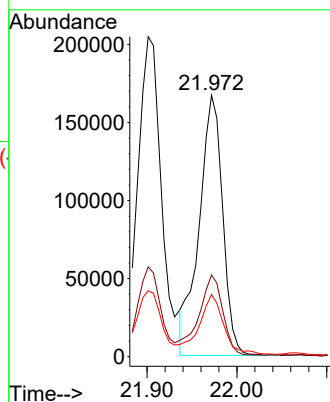
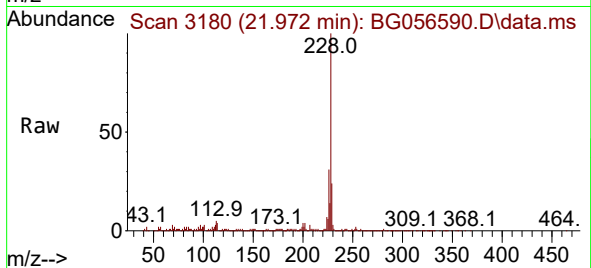
Tgt Ion:228 Resp: 303851

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.4

229 23.7 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.019 ng

RT: 21.754 min Scan# 3143

Delta R.T. 0.001 min

Lab File: BG056590.D

Acq: 8 Feb 2023 20:41

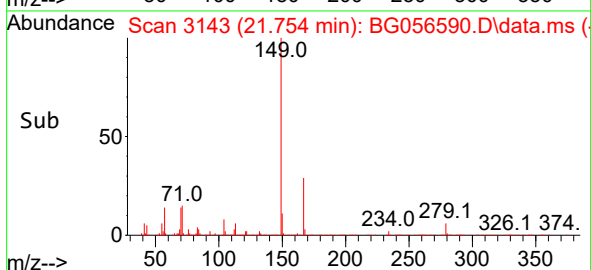
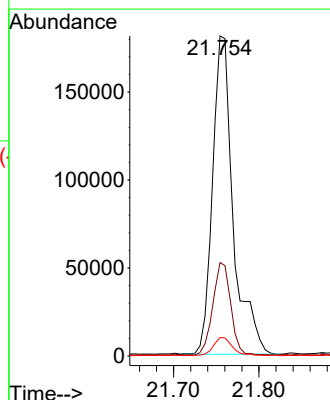
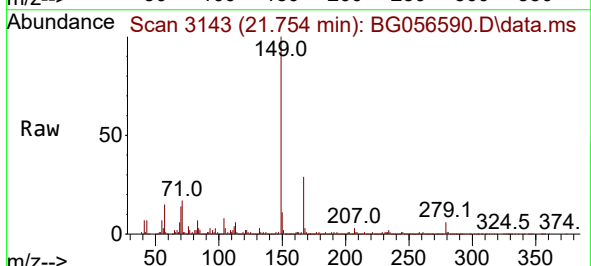
Tgt Ion:149 Resp: 304645

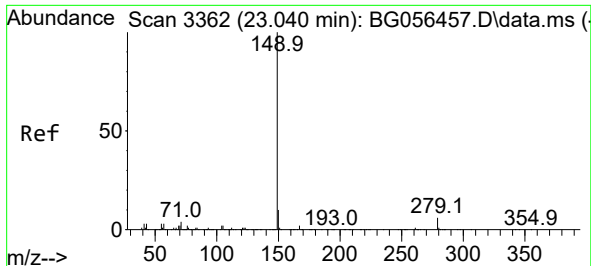
Ion Ratio Lower Upper

149 100

167 29.2 23.4 35.2

279 5.8 4.4 6.6

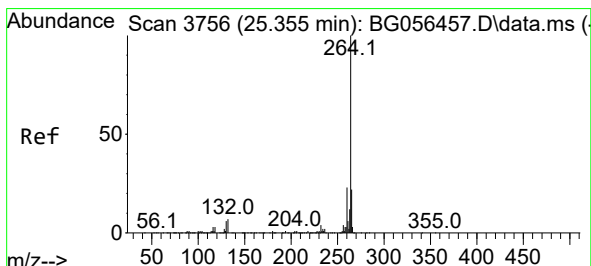
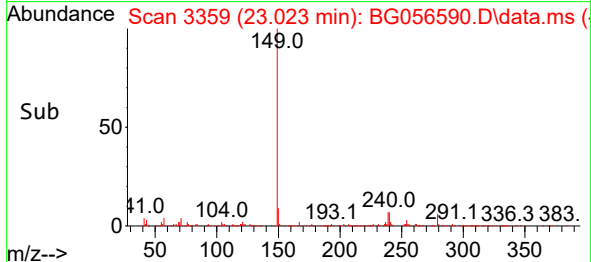
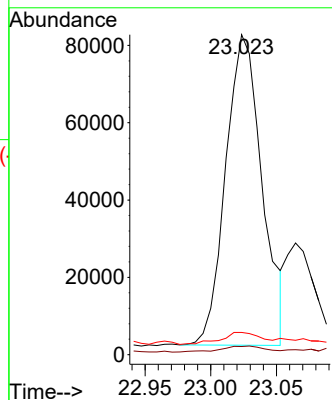
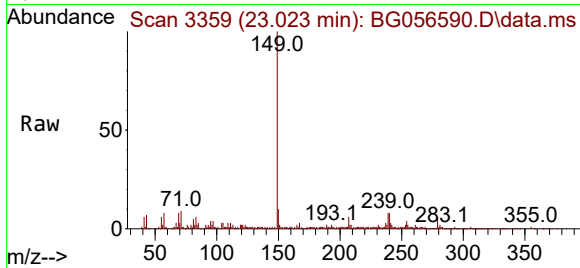




#85
Di-n-octyl phthalate
Concen: 12.216 ng
RT: 23.023 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41

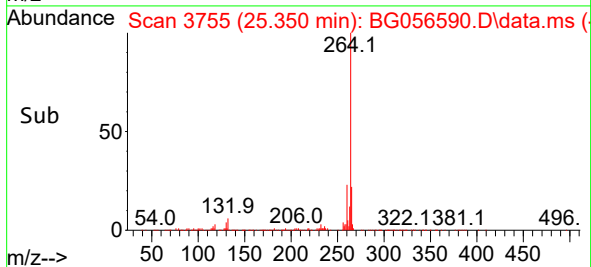
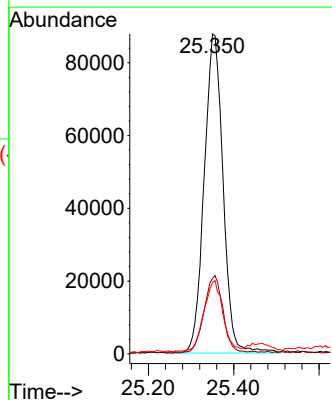
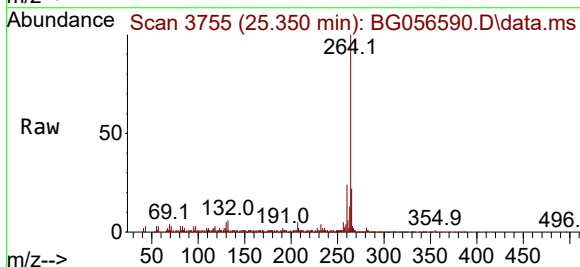
Instrument :
BNA_G
ClientSampleId :
COMP-1DL

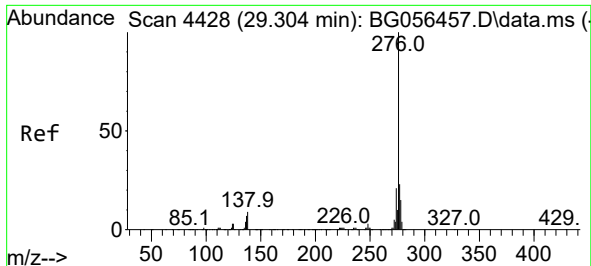
Tgt Ion:149 Resp: 154864
Ion Ratio Lower Upper
149 100
167 2.3 1.4 2.0#
43 4.2 2.7 4.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.350 min Scan# 3755
Delta R.T. 0.012 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41

Tgt Ion:264 Resp: 269555
Ion Ratio Lower Upper
264 100
260 23.6 18.2 27.4
265 22.4 18.1 27.1

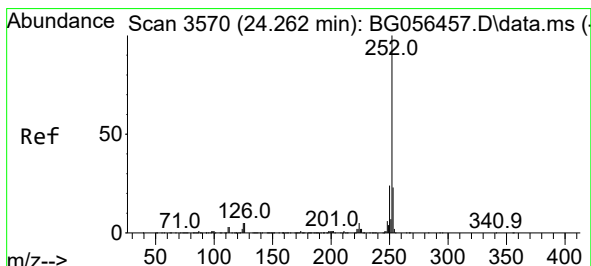
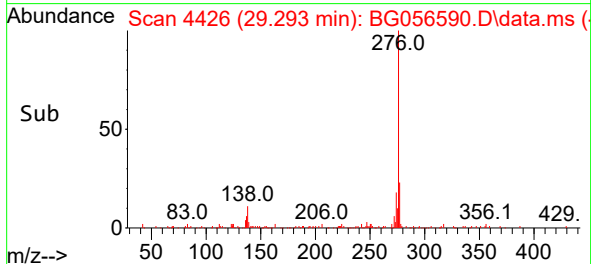
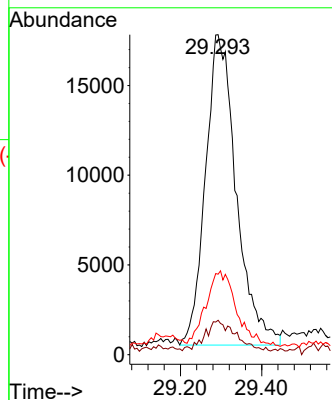
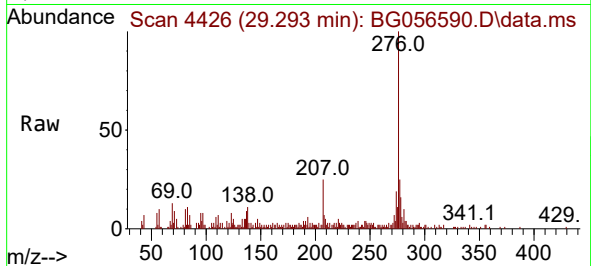




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.622 ng
 RT: 29.293 min Scan# 4426
 Delta R.T. 0.007 min
 Lab File: BG056590.D
 Acq: 8 Feb 2023 20:41

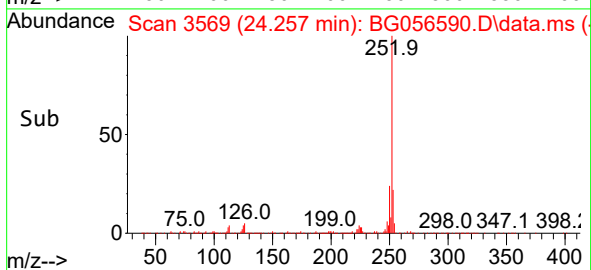
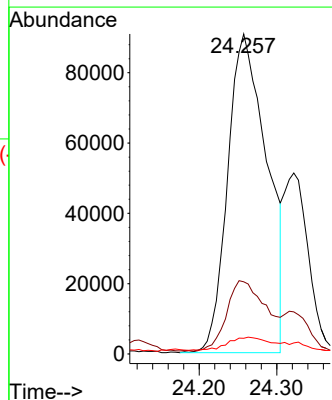
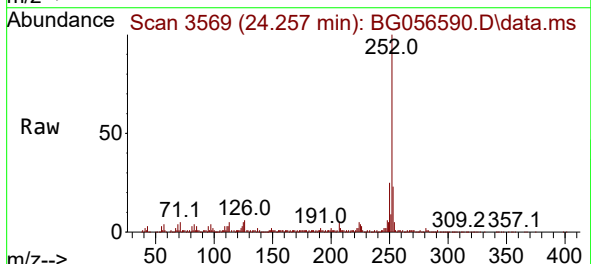
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1DL

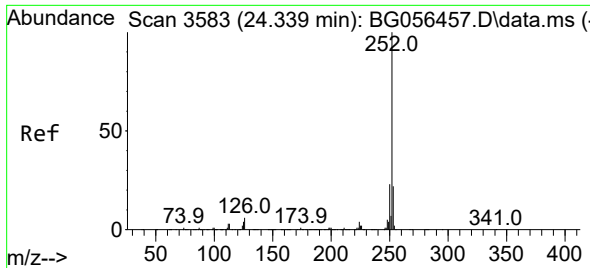
Tgt Ion:276 Resp: 91207
 Ion Ratio Lower Upper
 276 100
 138 8.9 9.4 14.2#
 277 24.3 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 19.044 ng
 RT: 24.257 min Scan# 3569
 Delta R.T. 0.007 min
 Lab File: BG056590.D
 Acq: 8 Feb 2023 20:41

Tgt Ion:252 Resp: 318628
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.1 27.1
 125 4.9 3.9 5.9

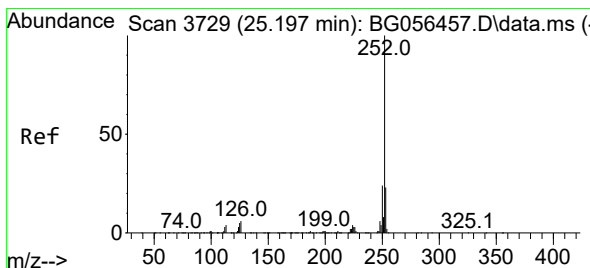
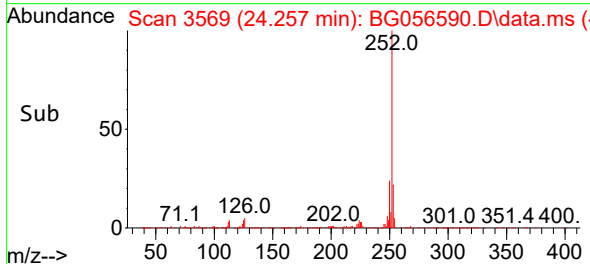
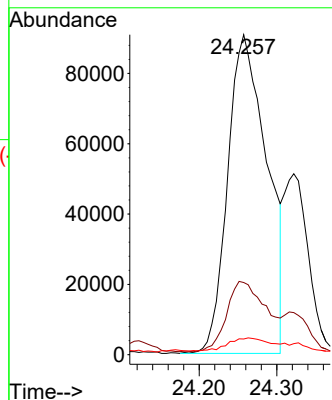
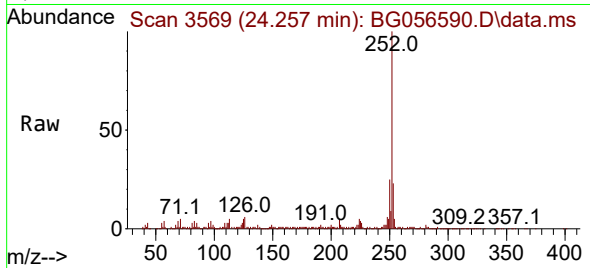




#89
Benzo(k)fluoranthene
Concen: 18.862 ng
RT: 24.257 min Scan# 31
Delta R.T. -0.064 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41

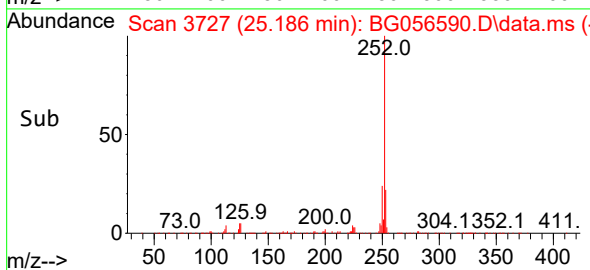
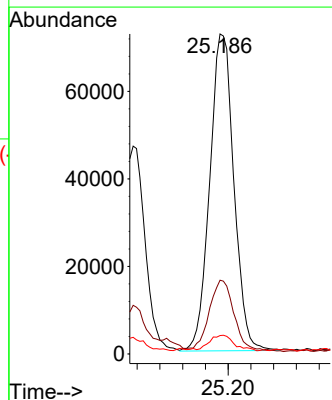
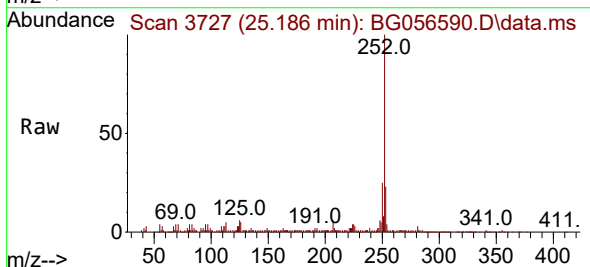
Instrument :
BNA_G
ClientSampleId :
COMP-1DL

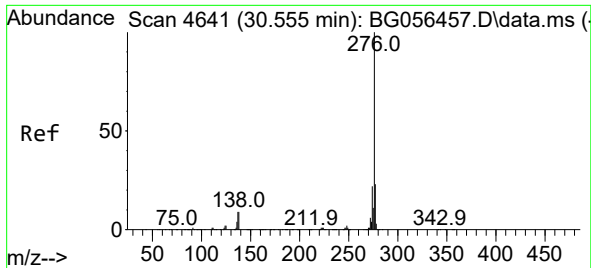
Tgt Ion:252 Resp: 318628
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 4.9 3.4 5.0



#90
Benzo(a)pyrene
Concen: 12.951 ng
RT: 25.186 min Scan# 3727
Delta R.T. 0.007 min
Lab File: BG056590.D
Acq: 8 Feb 2023 20:41

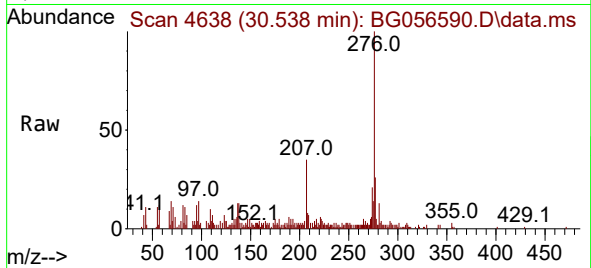
Tgt Ion:252 Resp: 213451
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 5.8 4.1 6.1





#92
 Benzo(g,h,i)perylene
 Concen: 4.810 ng
 RT: 30.538 min Scan# 4
 Delta R.T. 0.012 min
 Lab File: BG056590.D
 Acq: 8 Feb 2023 20:41

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1DL



Tgt Ion:276 Resp: 76865
 Ion Ratio Lower Upper
 276 100
 277 26.1 18.5 27.7
 138 12.6 7.4 11.0#

