

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049822.D
 Acq On : 12 Aug 2021 17:52
 Operator : CG/JU
 Sample : M3340-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 205-239-929

Quant Time: Aug 12 18:36:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

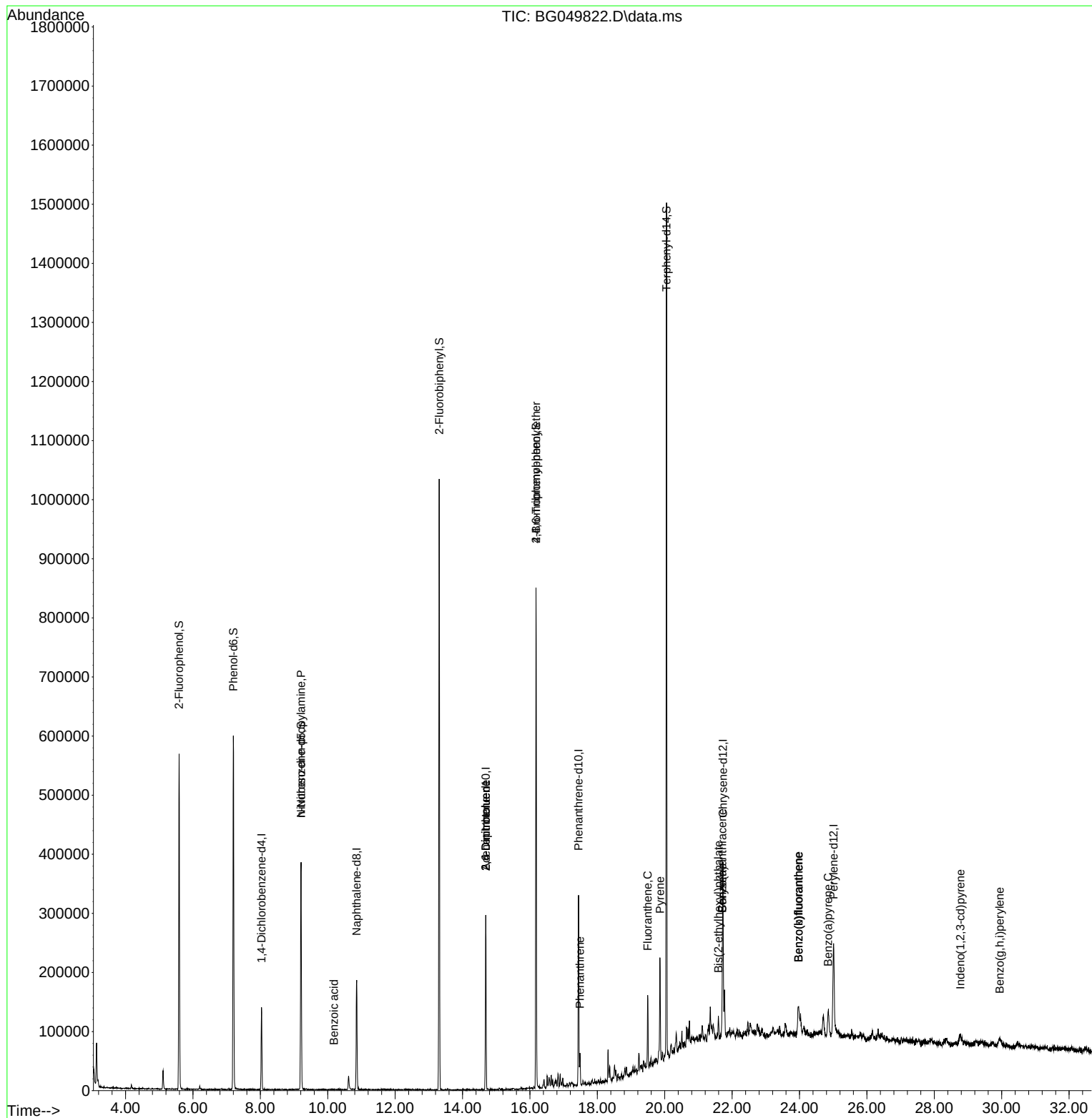
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	36735	20.000	ng	0.00
21) Naphthalene-d8	10.858	136	156763	20.000	ng	0.00
39) Acenaphthene-d10	14.688	164	106006	20.000	ng	0.00
64) Phenanthrene-d10	17.444	188	197380	20.000	ng	# 0.00
76) Chrysene-d12	21.726	240	161013	20.000	ng	0.00
86) Perylene-d12	25.010	264	168017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.589	112	230944	112.697	ng	0.00
7) Phenol-d6	7.199	99	326278	105.182	ng	0.00
23) Nitrobenzene-d5	9.208	82	238486	67.320	ng	0.00
42) 2,4,6-Tribromophenol	16.181	330	157864	101.315	ng	0.00
45) 2-Fluorobiphenyl	13.308	172	523696	71.884	ng	0.00
79) Terphenyl-d14	20.052	244	656838	74.090	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.208	70	36577	17.620	ng	# 68
32) Benzoic acid	10.183	122	63	4.984	ng	# 1
51) 2,6-Dinitrotoluene	14.688	165	13901	7.894	ng	# 11
57) 2,4-Dinitrotoluene	14.688	165	13901	5.620	ng	# 16
67) 4-Bromophenyl-phenylether	16.181	248	9443	4.062	ng	# 1
71) Phenanthrene	17.485	178	33873	3.262	ng	# 89
75) Fluoranthene	19.494	202	79586	6.228	ng	98
78) Pyrene	19.858	202	98155	8.942	ng	98
81) Benzo(a)anthracene	21.708	228	43396	4.139	ng	98
83) Chrysene	21.708	228	43396	4.329	ng	99
84) Bis(2-ethylhexyl)phtha...	21.597	149	14016	2.368	ng	# 86
87) Indeno(1,2,3-cd)pyrene	28.775	276	31346	2.587	ng	# 60
88) Benzo(b)fluoranthene	23.970	252	87206	7.914	ng	# 91
89) Benzo(k)fluoranthene	23.970	252	87206	8.484	ng	# 95
90) Benzo(a)pyrene	24.851	252	53228	5.338	ng	# 94
92) Benzo(g,h,i)perylene	29.944	276	31051	3.104	ng	# 83

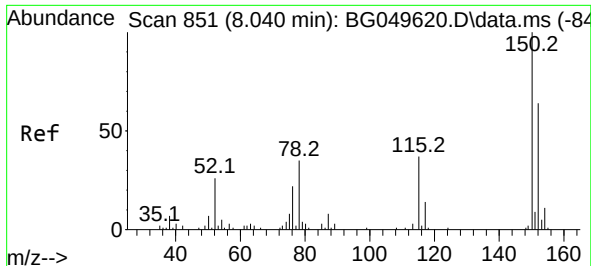
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049822.D
Acq On : 12 Aug 2021 17:52
Operator : CG/JU
Sample : M3340-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
205-239-929

Quant Time: Aug 12 18:36:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

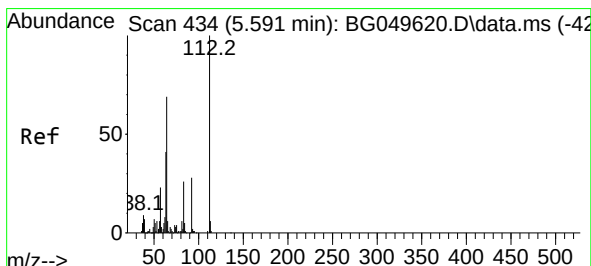
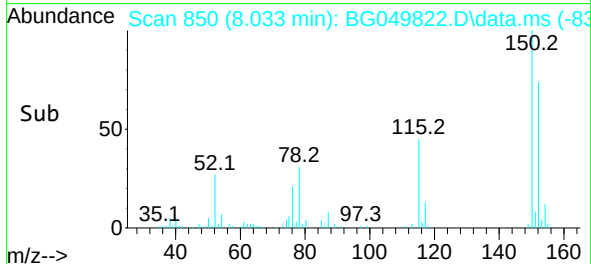
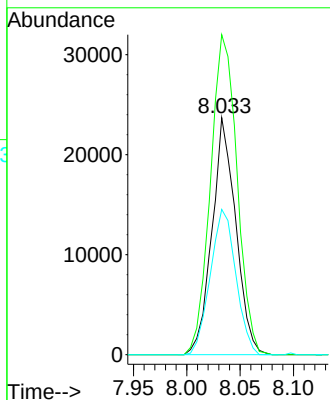
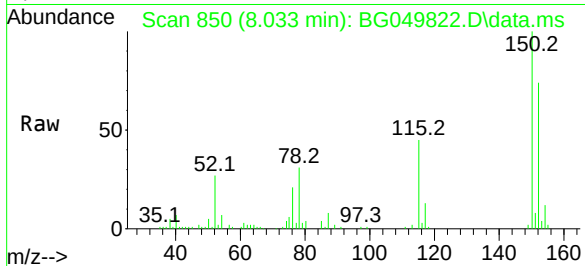




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.033 min Scan# 850
Delta R.T. -0.007 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

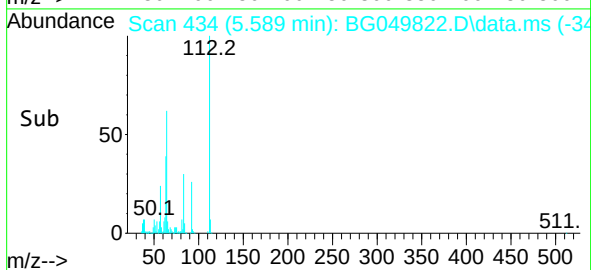
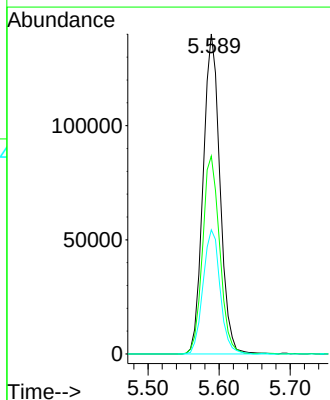
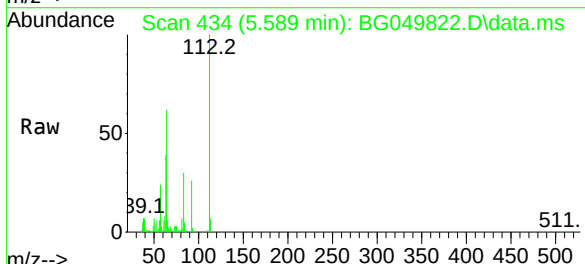
Instrument :
BNA_G
ClientSampleId :
205-239-929

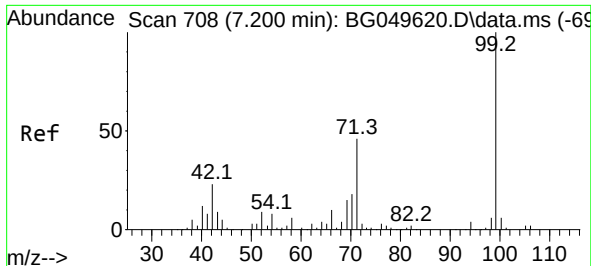
Tgt Ion:152 Resp: 36735
Ion Ratio Lower Upper
152 100
150 135.0 119.4 179.0
115 61.3 60.2 90.4



#5
2-Fluorophenol
Concen: 112.697 ng
RT: 5.589 min Scan# 434
Delta R.T. -0.002 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

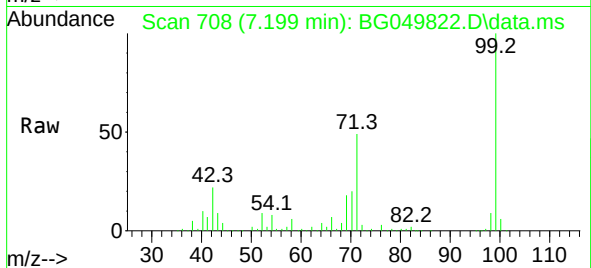
Tgt Ion:112 Resp: 230944
Ion Ratio Lower Upper
112 100
64 61.9 46.7 70.1
63 38.8 35.3 52.9



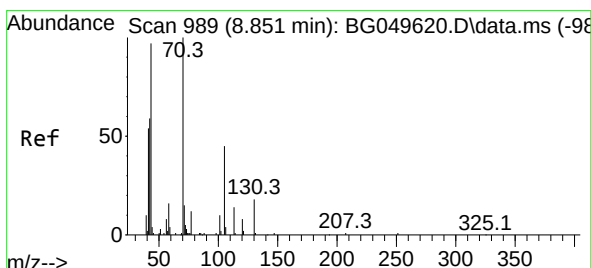
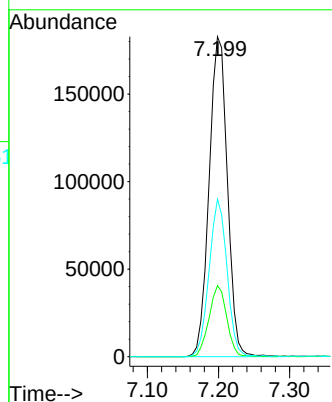
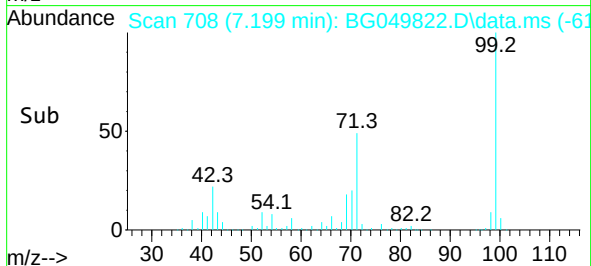


#7
Phenol-d6
Concen: 105.182 ng
RT: 7.199 min Scan# 708
Delta R.T. -0.002 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

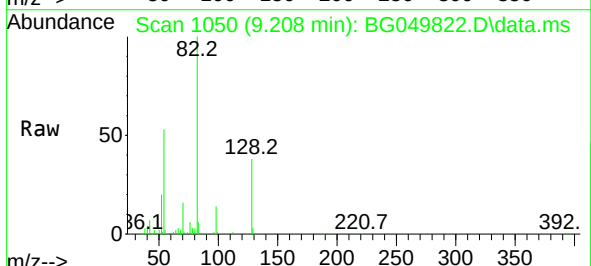
Instrument :
BNA_G
ClientSampleId :
205-239-929



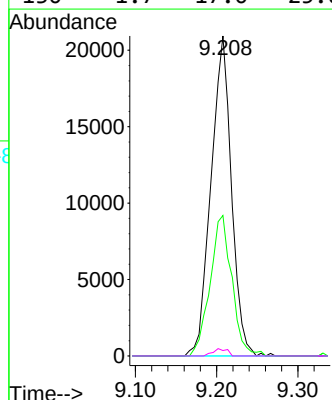
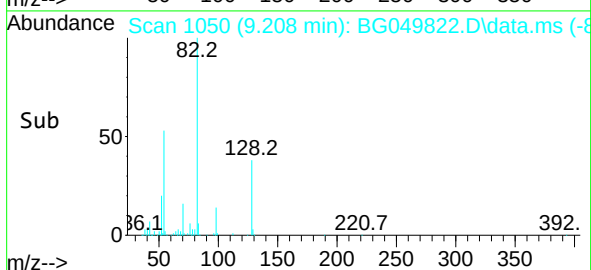
Tgt Ion: 99 Resp: 326278
Ion Ratio Lower Upper
99 100
42 22.2 20.5 30.7
71 49.2 41.5 62.3

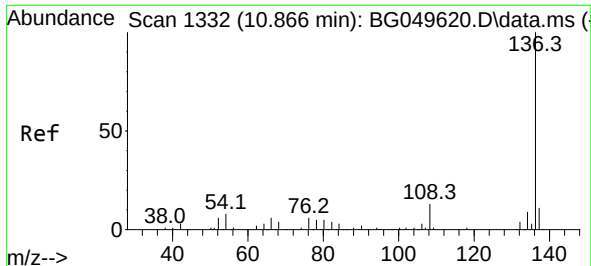


#19
n-Nitroso-di-n-propylamine
Concen: 17.620 ng
RT: 9.208 min Scan# 1050
Delta R.T. 0.357 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52



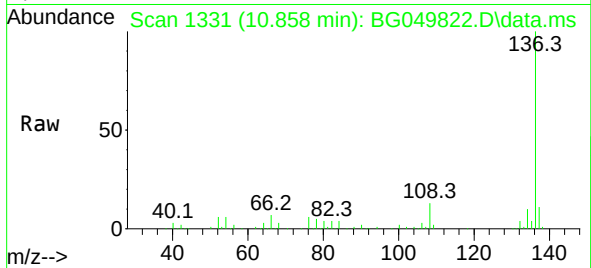
Tgt Ion: 70 Resp: 36577
Ion Ratio Lower Upper
70 100
42 43.9 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#



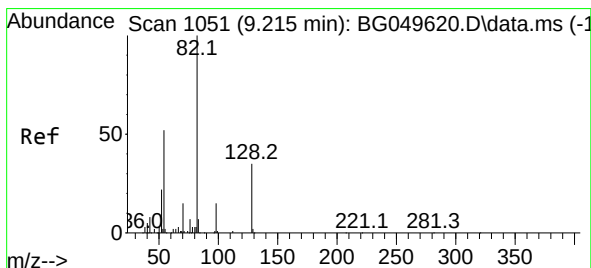
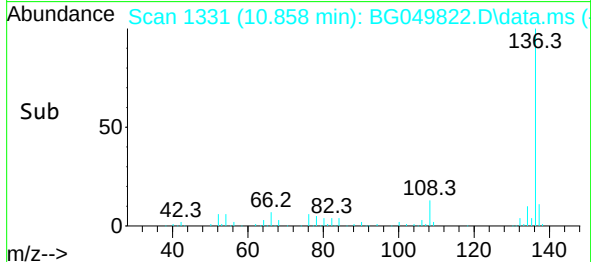
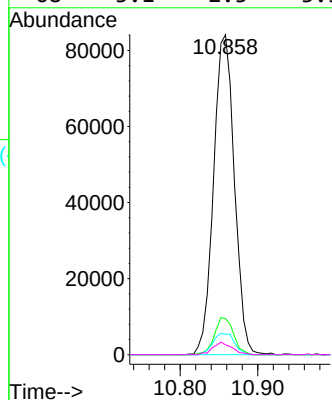


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.858 min Scan# 1331
Delta R.T. -0.008 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

Instrument :
BNA_G
ClientSampleId :
205-239-929

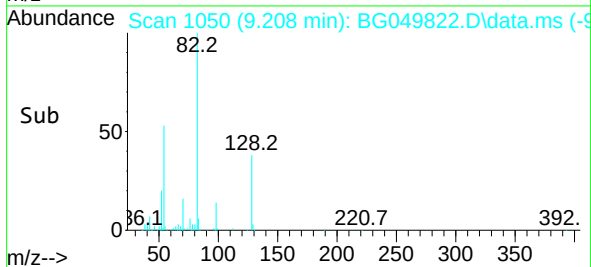
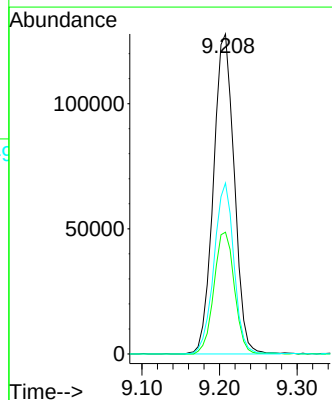
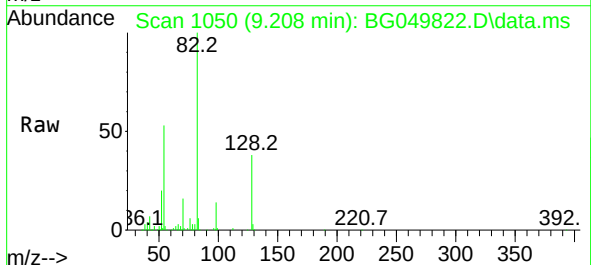


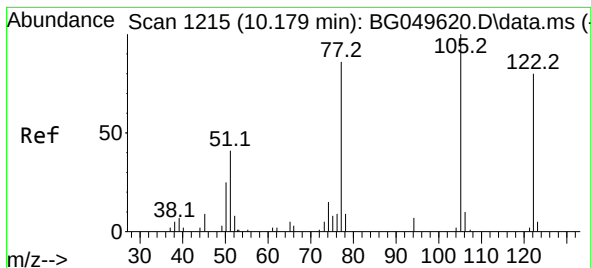
Tgt Ion:136 Resp: 156763
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 6.4 5.5 8.3
68 3.1 2.3 3.5



#23
Nitrobenzene-d5
Concen: 67.320 ng
RT: 9.208 min Scan# 1050
Delta R.T. -0.008 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

Tgt Ion: 82 Resp: 238486
Ion Ratio Lower Upper
82 100
128 38.1 29.8 44.6
54 53.4 45.8 68.8

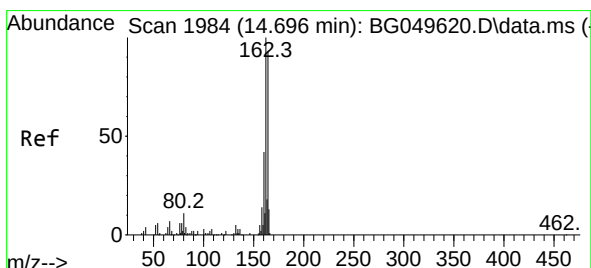
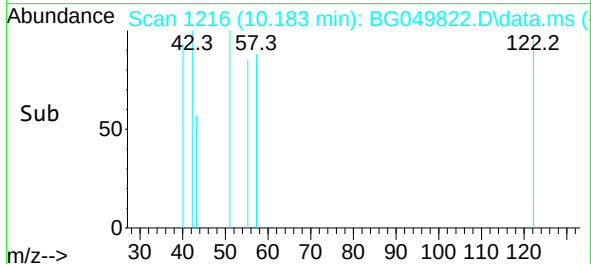
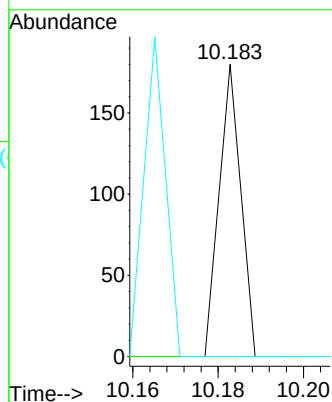
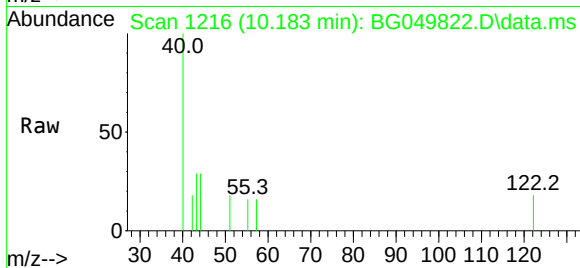




#32
Benzoic acid
Concen: 4.984 ng
RT: 10.183 min Scan# 1216
Delta R.T. 0.004 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

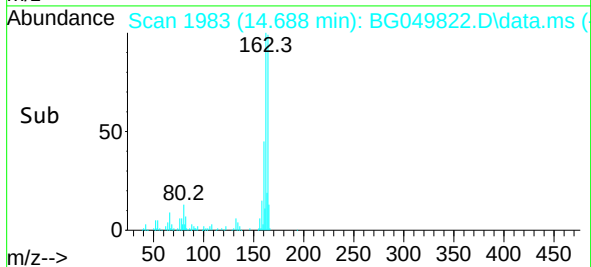
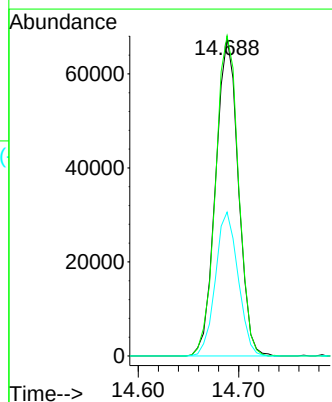
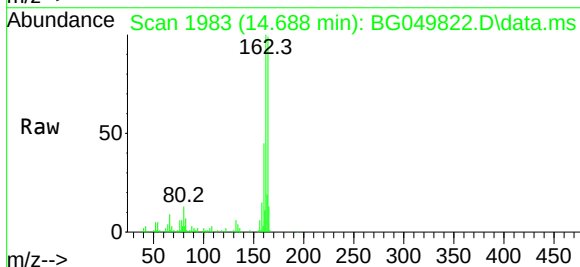
Instrument :
BNA_G
ClientSampleId :
205-239-929

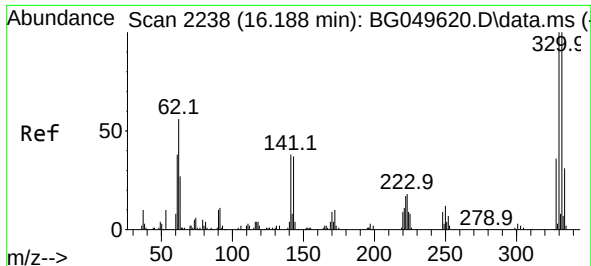
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.688 min Scan# 1983
Delta R.T. -0.008 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

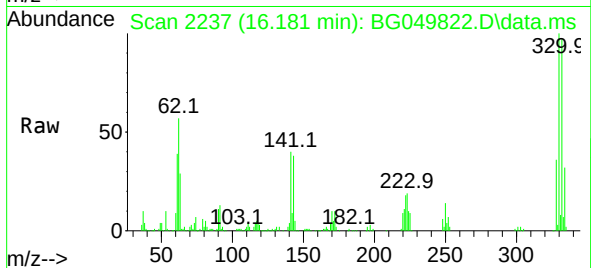
Tgt Ion:164 Resp: 106006
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 45.2 34.9 52.3



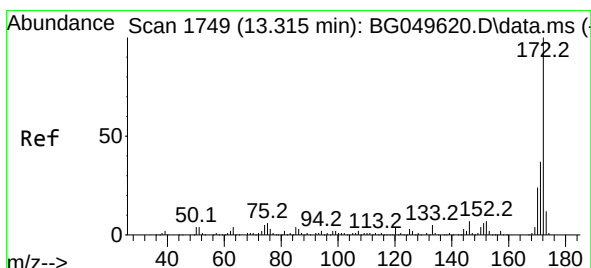
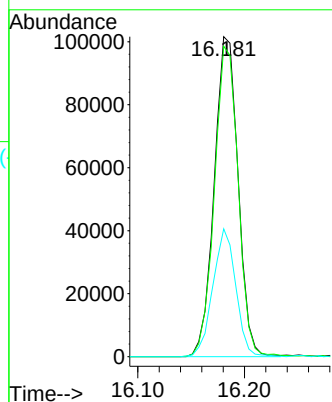
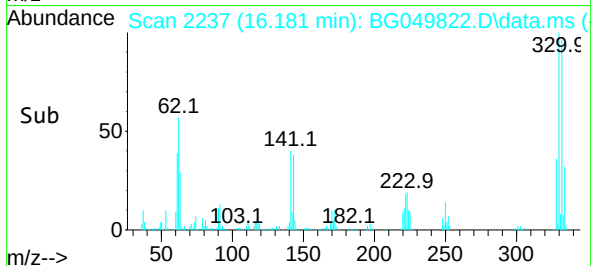


#42
2,4,6-Tribromophenol
Concen: 101.315 ng
RT: 16.181 min Scan# 2237
Delta R.T. -0.008 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

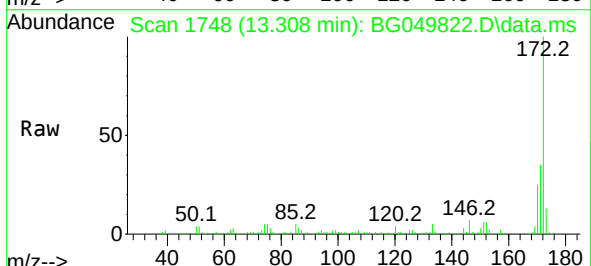
Instrument :
BNA_G
ClientSampleId :
205-239-929



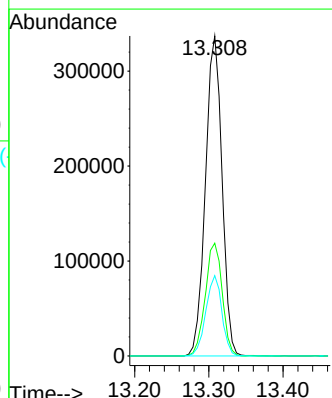
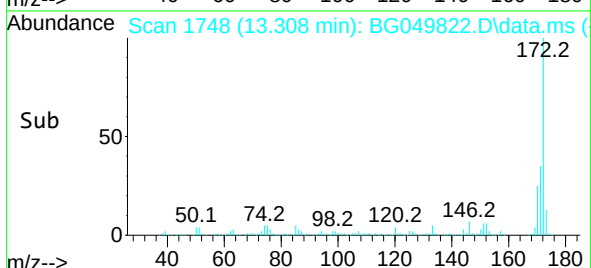
Tgt Ion:330 Resp: 157864
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 38.4 35.6 53.4

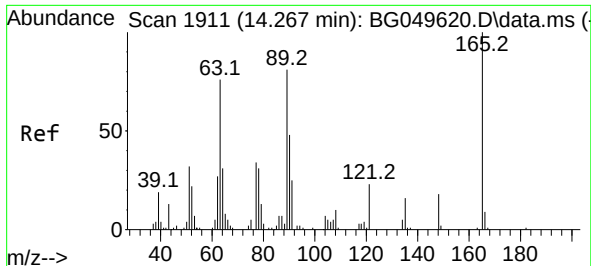


#45
2-Fluorobiphenyl
Concen: 71.884 ng
RT: 13.308 min Scan# 1748
Delta R.T. -0.007 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52



Tgt Ion:172 Resp: 523696
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 25.1 18.6 27.8

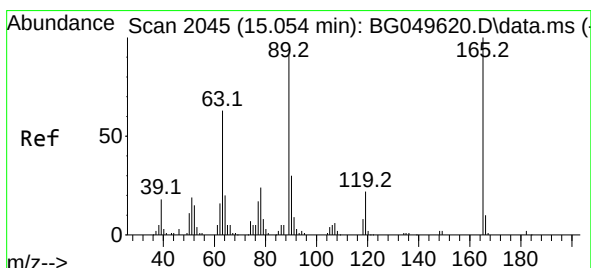
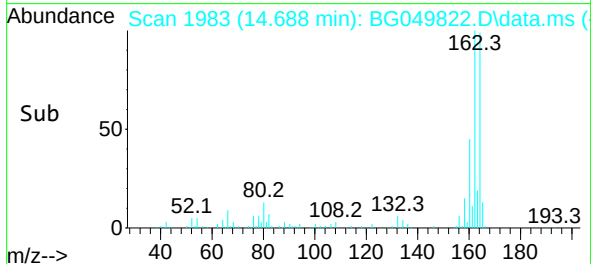
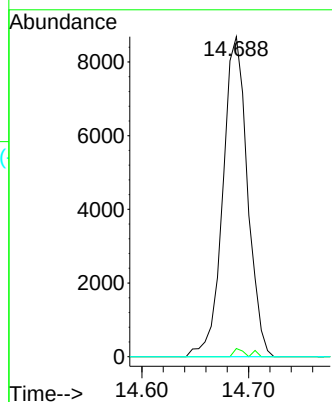
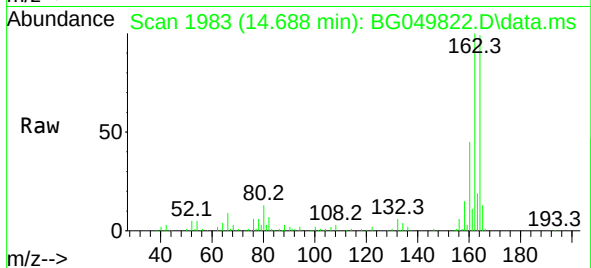




#51
2,6-Dinitrotoluene
Concen: 7.894 ng
RT: 14.688 min Scan# 1983
Delta R.T. 0.421 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

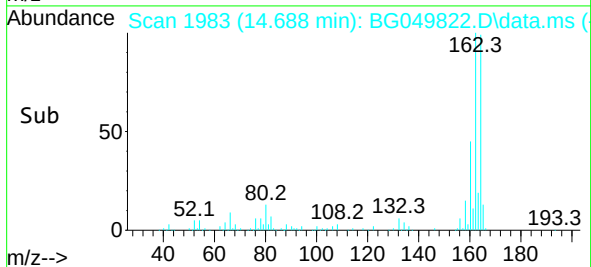
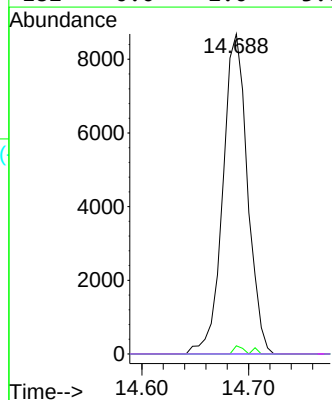
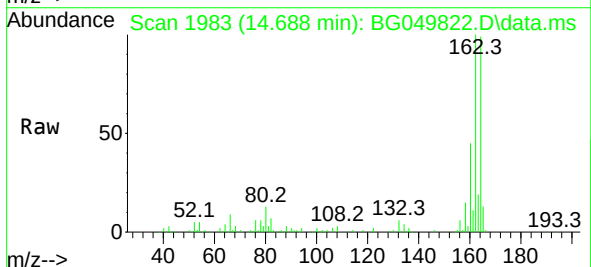
Instrument :
BNA_G
ClientSampleId :
205-239-929

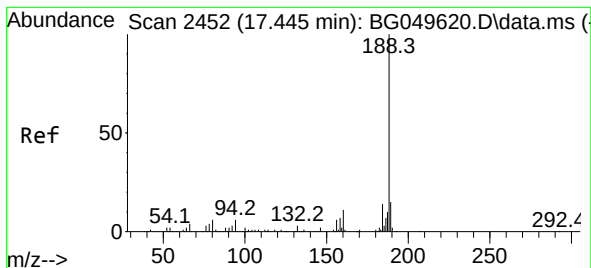
Tgt Ion:165 Resp: 13901
Ion Ratio Lower Upper
165 100
63 2.5 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.620 ng
RT: 14.688 min Scan# 1983
Delta R.T. -0.366 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

Tgt Ion:165 Resp: 13901
Ion Ratio Lower Upper
165 100
63 2.5 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

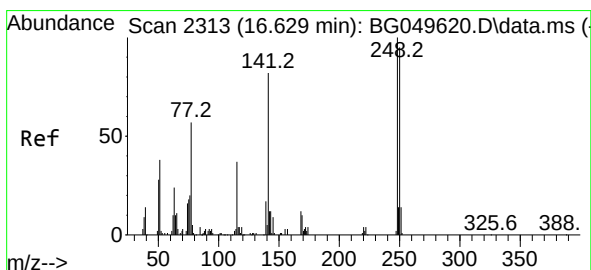
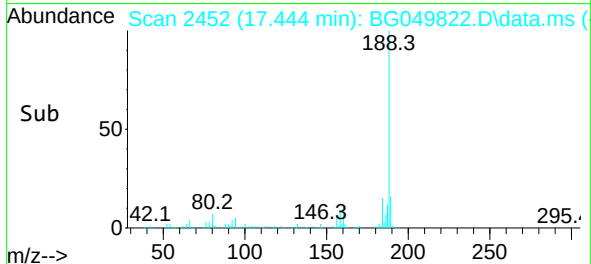
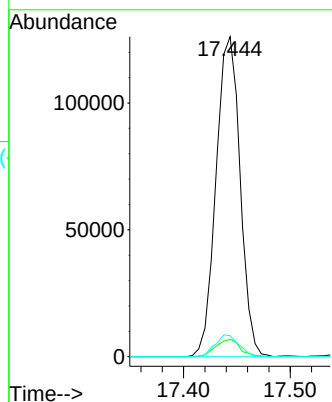
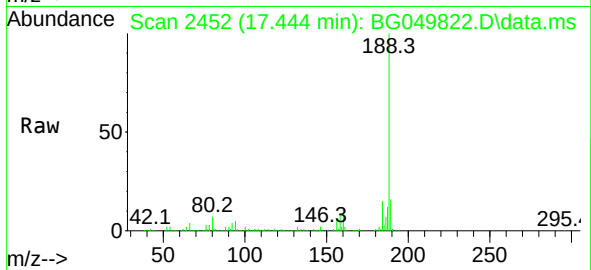




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.444 min Scan# 2452
Delta R.T. -0.002 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

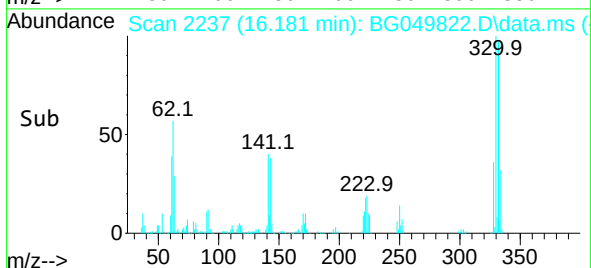
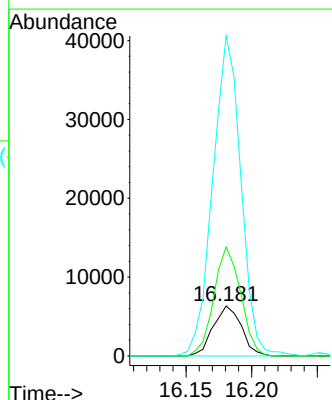
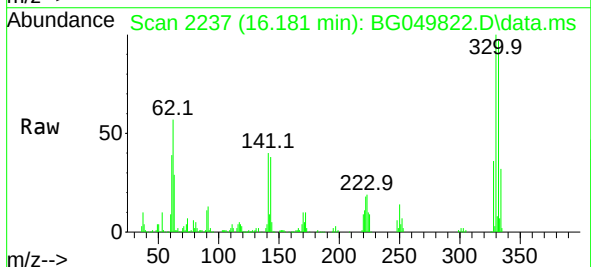
Instrument :
BNA_G
ClientSampleId :
205-239-929

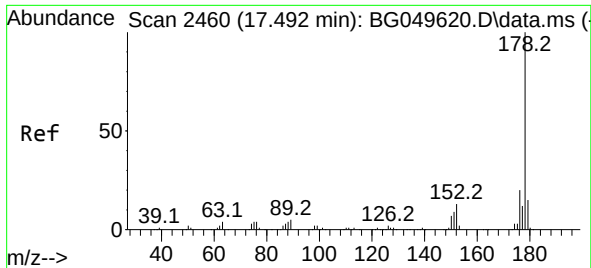
Tgt Ion:188 Resp: 197380
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 6.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.062 ng
RT: 16.181 min Scan# 2237
Delta R.T. -0.448 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

Tgt Ion:248 Resp: 9443
Ion Ratio Lower Upper
248 100
250 218.2 76.1 114.1#
141 640.6 65.4 98.2#

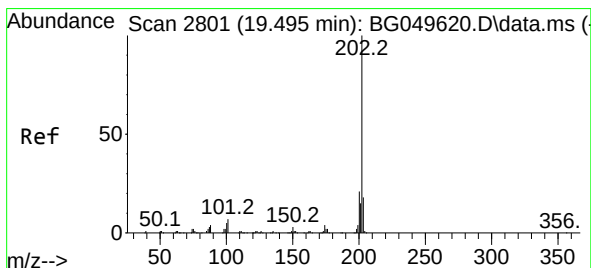
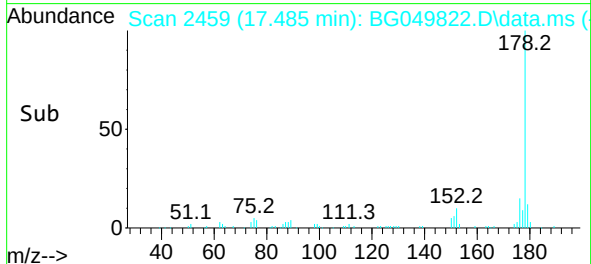
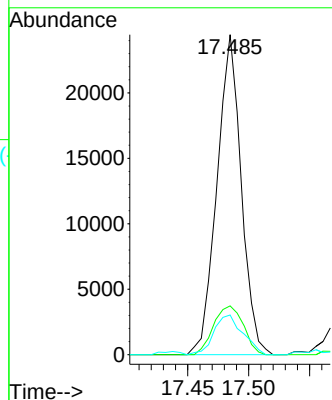
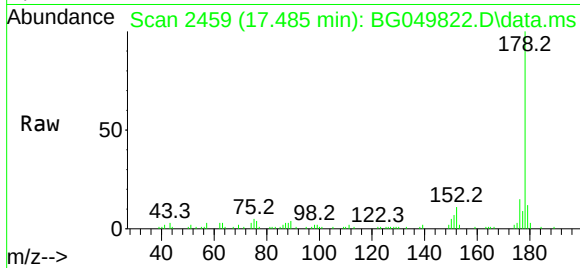




#71
Phenanthrene
Concen: 3.262 ng
RT: 17.485 min Scan# 2459
Delta R.T. -0.007 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

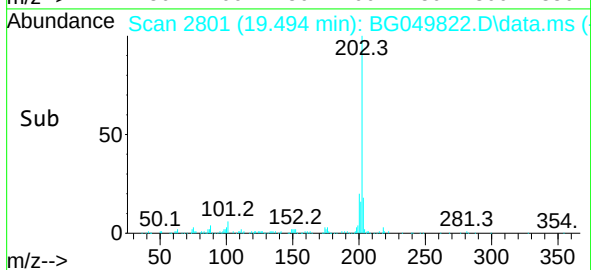
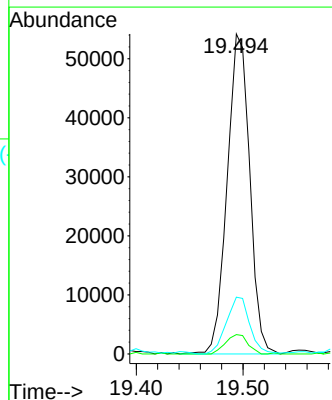
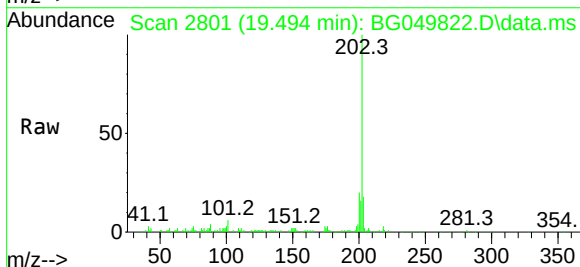
Instrument :
BNA_G
ClientSampleId :
205-239-929

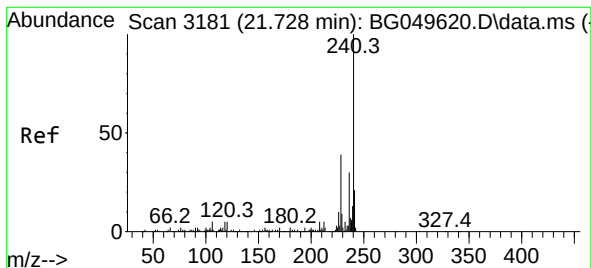
Tgt Ion:178 Resp: 33873
Ion Ratio Lower Upper
178 100
176 15.3 16.0 24.0#
179 12.4 14.2 21.4#



#75
Fluoranthene
Concen: 6.228 ng
RT: 19.494 min Scan# 2801
Delta R.T. -0.002 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

Tgt Ion:202 Resp: 79586
Ion Ratio Lower Upper
202 100
101 6.1 0.0 24.7
203 17.7 0.0 38.5

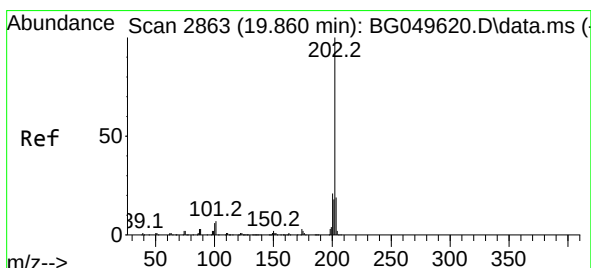
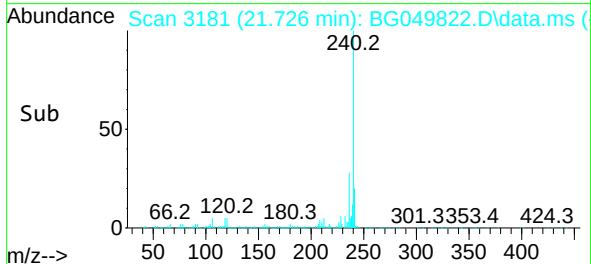
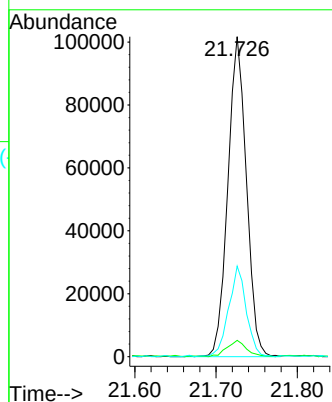
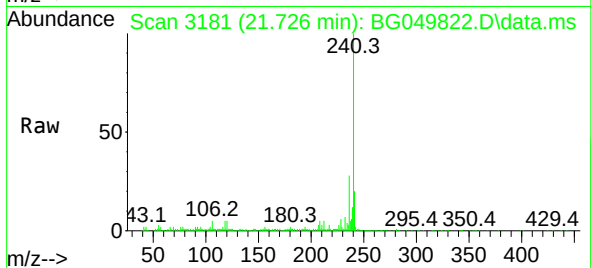




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 3181
Delta R.T. -0.002 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

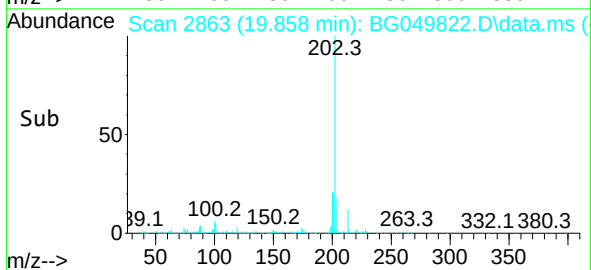
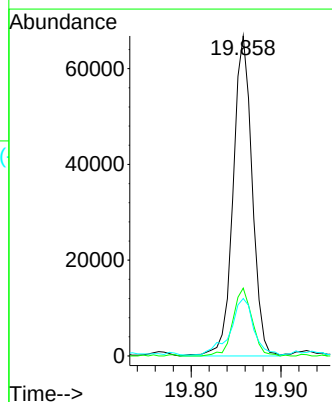
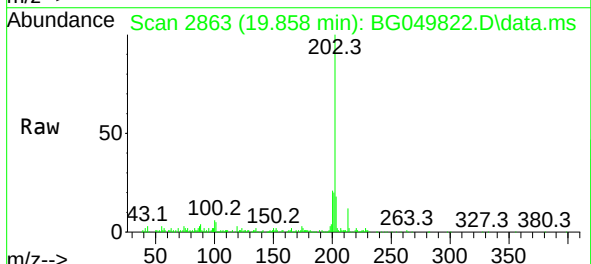
Instrument :
BNA_G
ClientSampleId :
205-239-929

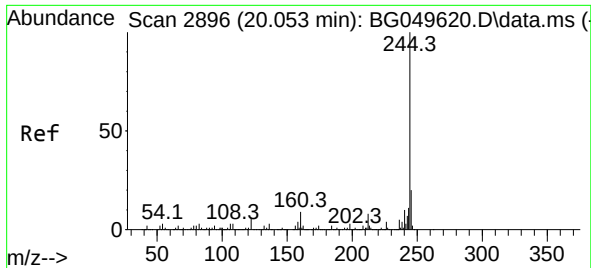
Tgt Ion:240 Resp: 161013
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 28.3 21.8 32.6



#78
Pyrene
Concen: 8.942 ng
RT: 19.858 min Scan# 2863
Delta R.T. -0.002 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

Tgt Ion:202 Resp: 98155
Ion Ratio Lower Upper
202 100
200 21.2 15.8 23.8
203 17.9 14.6 21.8

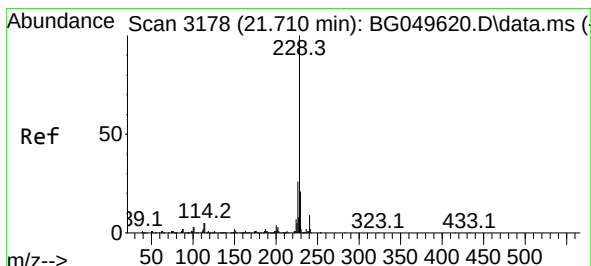
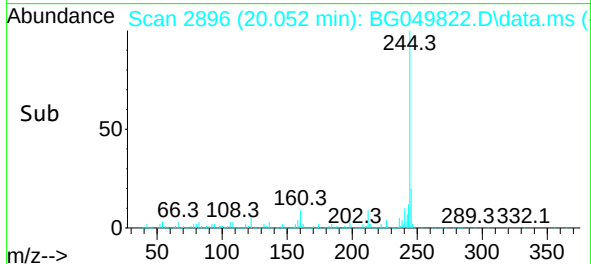
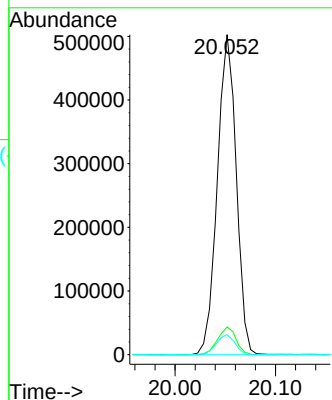
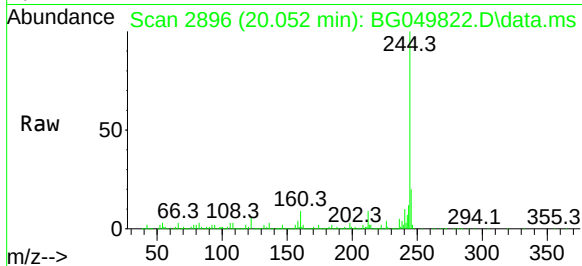




#79
 Terphenyl-d14
 Concen: 74.090 ng
 RT: 20.052 min Scan# 2896
 Delta R.T. -0.002 min
 Lab File: BG049822.D
 Acq: 12 Aug 2021 17:52

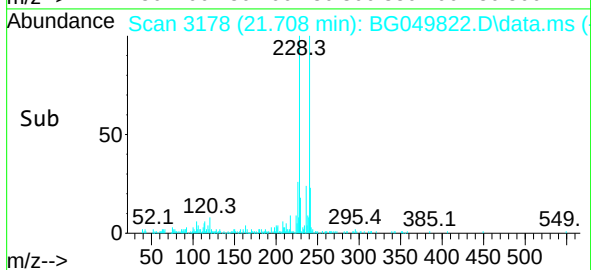
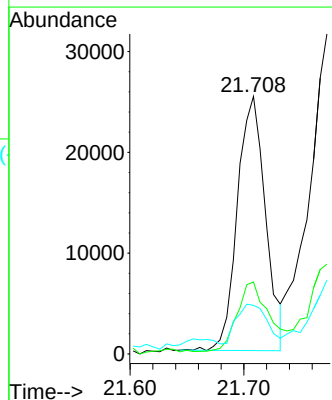
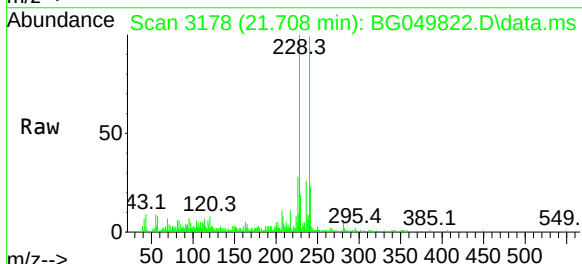
Instrument :
 BNA_G
 ClientSampleId :
 205-239-929

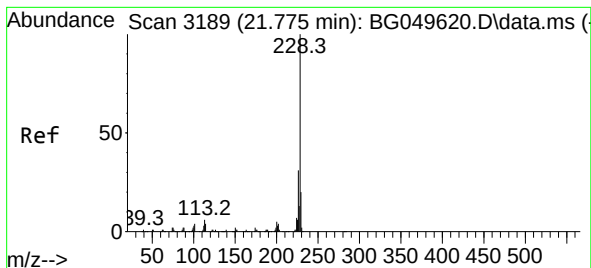
Tgt Ion:244	Resp:	656838
Ion Ratio	Lower	Upper
244	100	
212	8.7	6.9 10.3
122	6.3	5.0 7.6



#81
 Benzo(a)anthracene
 Concen: 4.139 ng
 RT: 21.708 min Scan# 3178
 Delta R.T. -0.002 min
 Lab File: BG049822.D
 Acq: 12 Aug 2021 17:52

Tgt Ion:228	Resp:	43396
Ion Ratio	Lower	Upper
228	100	
226	27.9	22.7 34.1
229	18.9	16.0 24.0





#83

Chrysene

Concen: 4.329 ng

RT: 21.708 min Scan# 3178

Delta R.T. -0.066 min

Lab File: BG049822.D

Acq: 12 Aug 2021 17:52

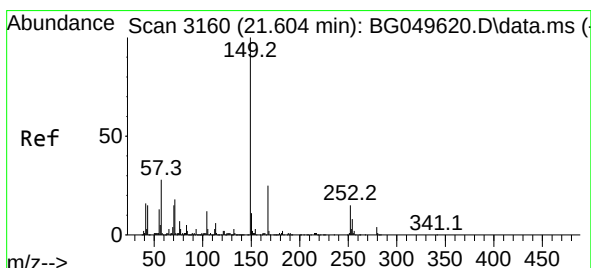
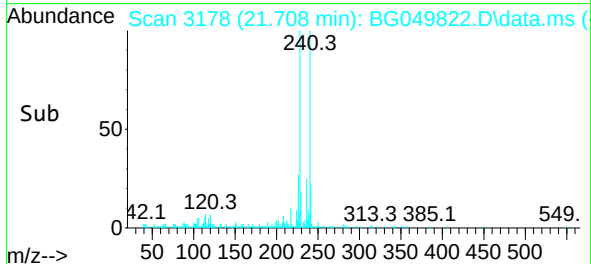
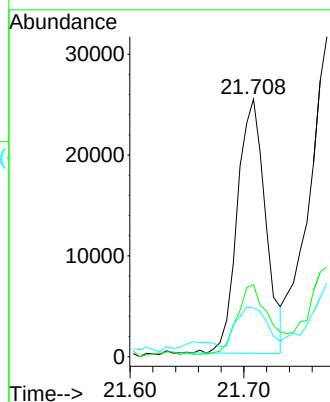
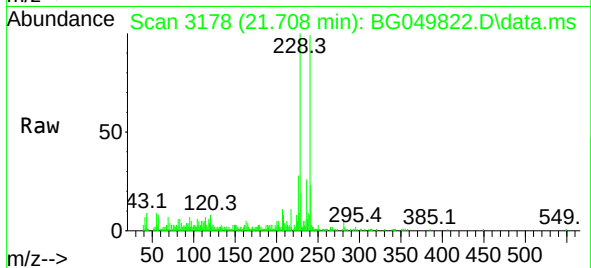
Instrument :

BNA_G

ClientSampleId :

205-239-929

Tgt Ion:	228	Resp:	43396
Ion Ratio	Lower	Upper	
228	100		
226	27.9	23.1	34.7
229	18.9	15.3	22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.368 ng

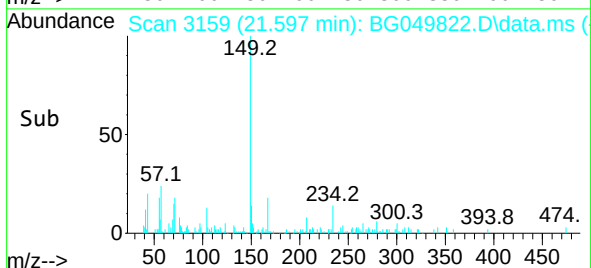
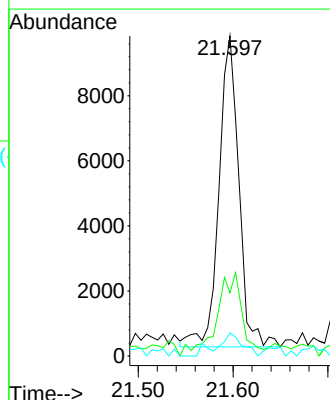
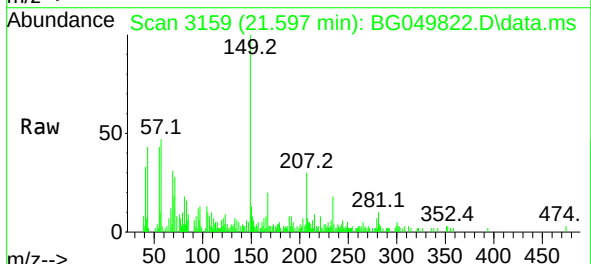
RT: 21.597 min Scan# 3159

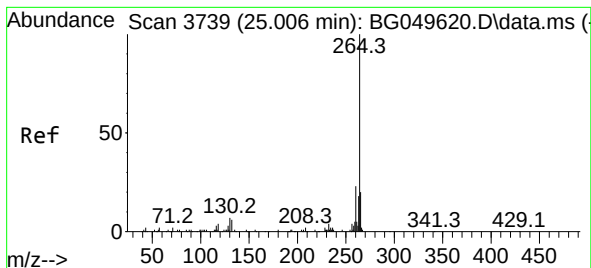
Delta R.T. -0.008 min

Lab File: BG049822.D

Acq: 12 Aug 2021 17:52

Tgt Ion:	149	Resp:	14016
Ion Ratio	Lower	Upper	
149	100		
167	19.7	22.3	33.5#
279	7.2	3.8	5.8#

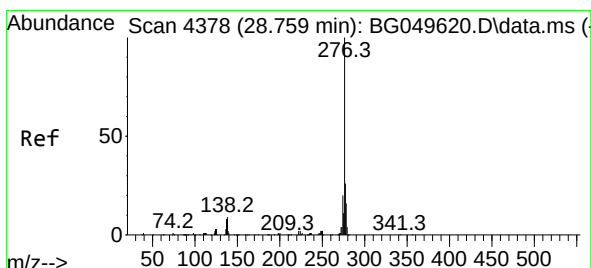
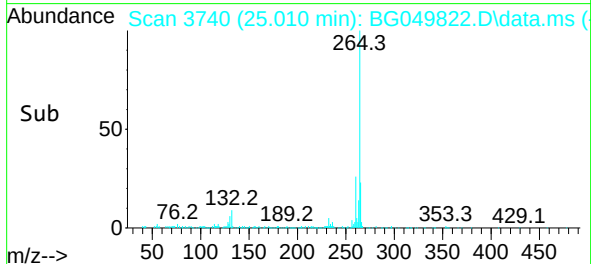
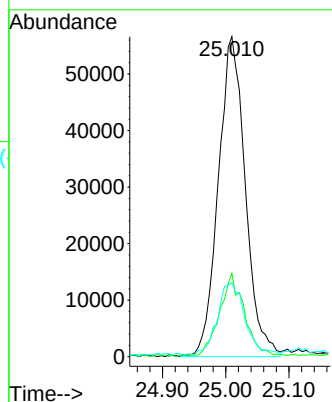
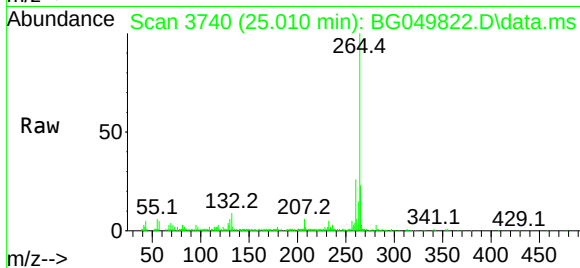




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.010 min Scan# 3740
 Delta R.T. 0.004 min
 Lab File: BG049822.D
 Acq: 12 Aug 2021 17:52

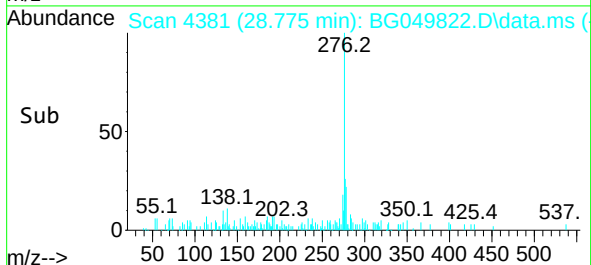
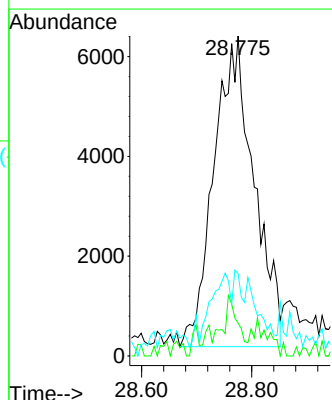
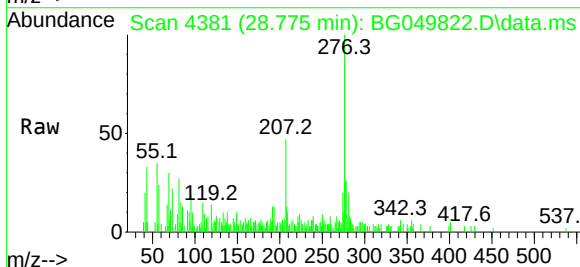
Instrument :
 BNA_G
 ClientSampled :
 205-239-929

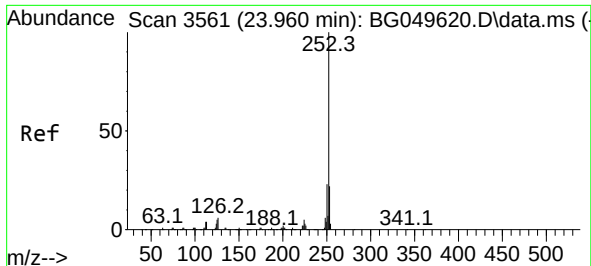
Tgt Ion:264 Resp: 168017
 Ion Ratio Lower Upper
 264 100
 260 26.1 19.4 29.2
 265 23.1 16.9 25.3



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.587 ng
 RT: 28.775 min Scan# 4381
 Delta R.T. 0.016 min
 Lab File: BG049822.D
 Acq: 12 Aug 2021 17:52

Tgt Ion:276 Resp: 31346
 Ion Ratio Lower Upper
 276 100
 138 0.0 5.1 7.7#
 277 1.7 19.8 29.6#

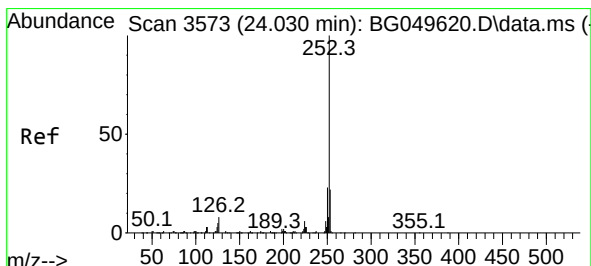
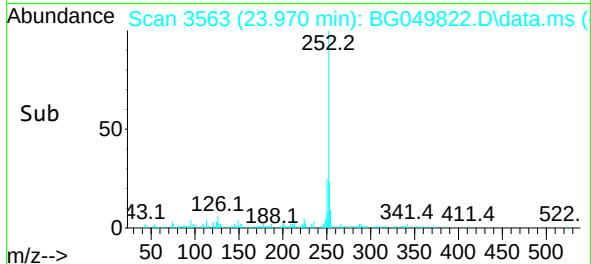
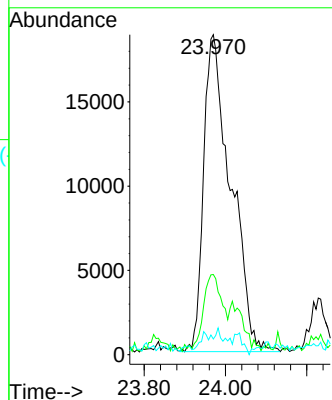
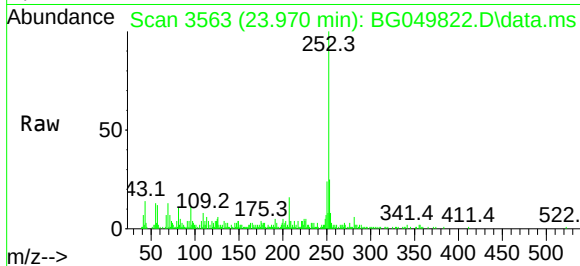




#88
Benzo(b)fluoranthene
Concen: 7.914 ng
RT: 23.970 min Scan# 3563
Delta R.T. 0.010 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

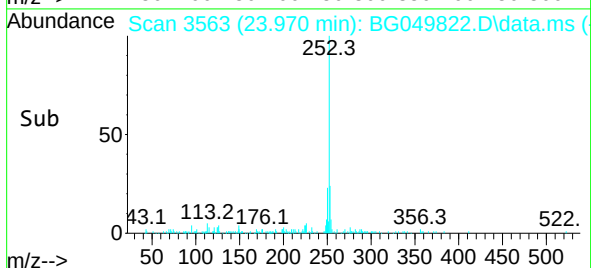
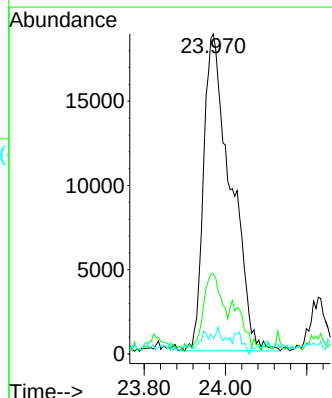
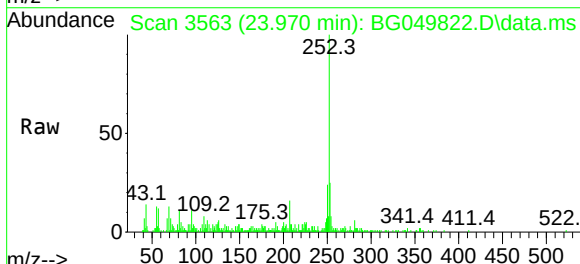
Instrument :
BNA_G
ClientSampleId :
205-239-929

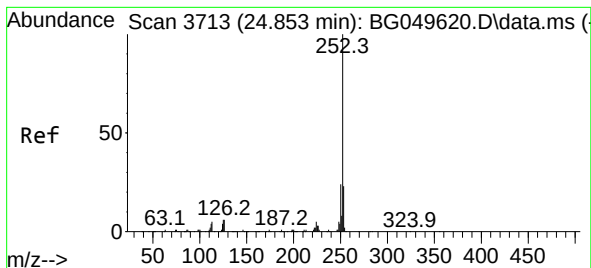
Tgt Ion:252 Resp: 87206
Ion Ratio Lower Upper
252 100
253 25.1 16.2 24.4#
125 4.9 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 8.484 ng
RT: 23.970 min Scan# 3563
Delta R.T. -0.060 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

Tgt Ion:252 Resp: 87206
Ion Ratio Lower Upper
252 100
253 25.1 18.0 27.0
125 4.9 3.1 4.7#

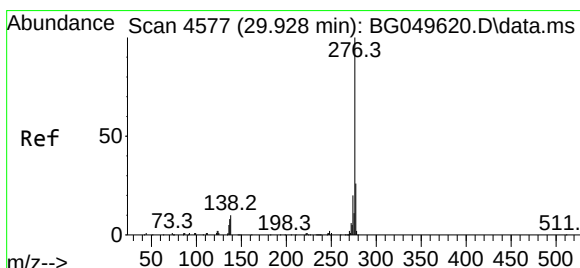
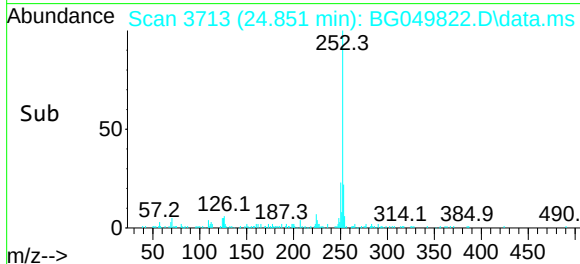
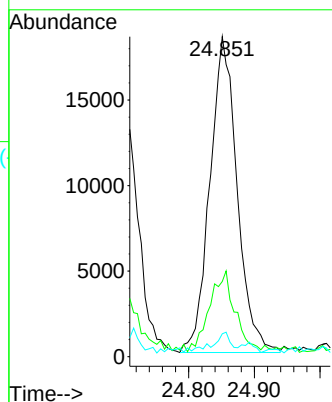
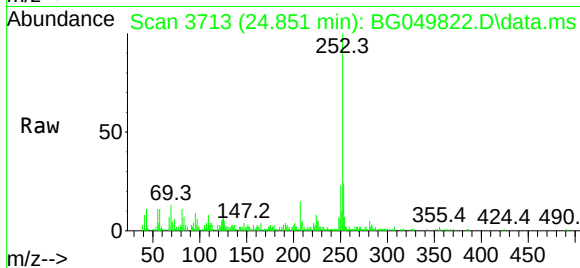




#90
Benzo(a)pyrene
Concen: 5.338 ng
RT: 24.851 min Scan# 3713
Delta R.T. -0.002 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

Instrument :
BNA_G
ClientSampleId :
205-239-929

Tgt Ion:252 Resp: 53228
Ion Ratio Lower Upper
252 100
253 23.5 16.6 25.0
125 7.1 3.5 5.3#



#92
Benzo(g,h,i)perylene
Concen: 3.104 ng
RT: 29.944 min Scan# 4580
Delta R.T. 0.016 min
Lab File: BG049822.D
Acq: 12 Aug 2021 17:52

Tgt Ion:276 Resp: 31051
Ion Ratio Lower Upper
276 100
277 32.3 18.4 27.6#
138 12.4 7.0 10.6#

