

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048958.D
 Acq On : 14 Jun 2021 20:55
 Operator : CG/JU
 Sample : M2678-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0201A-COMP-D(DISCRETE-CL-01A)

Quant Time: Jun 15 01:13:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

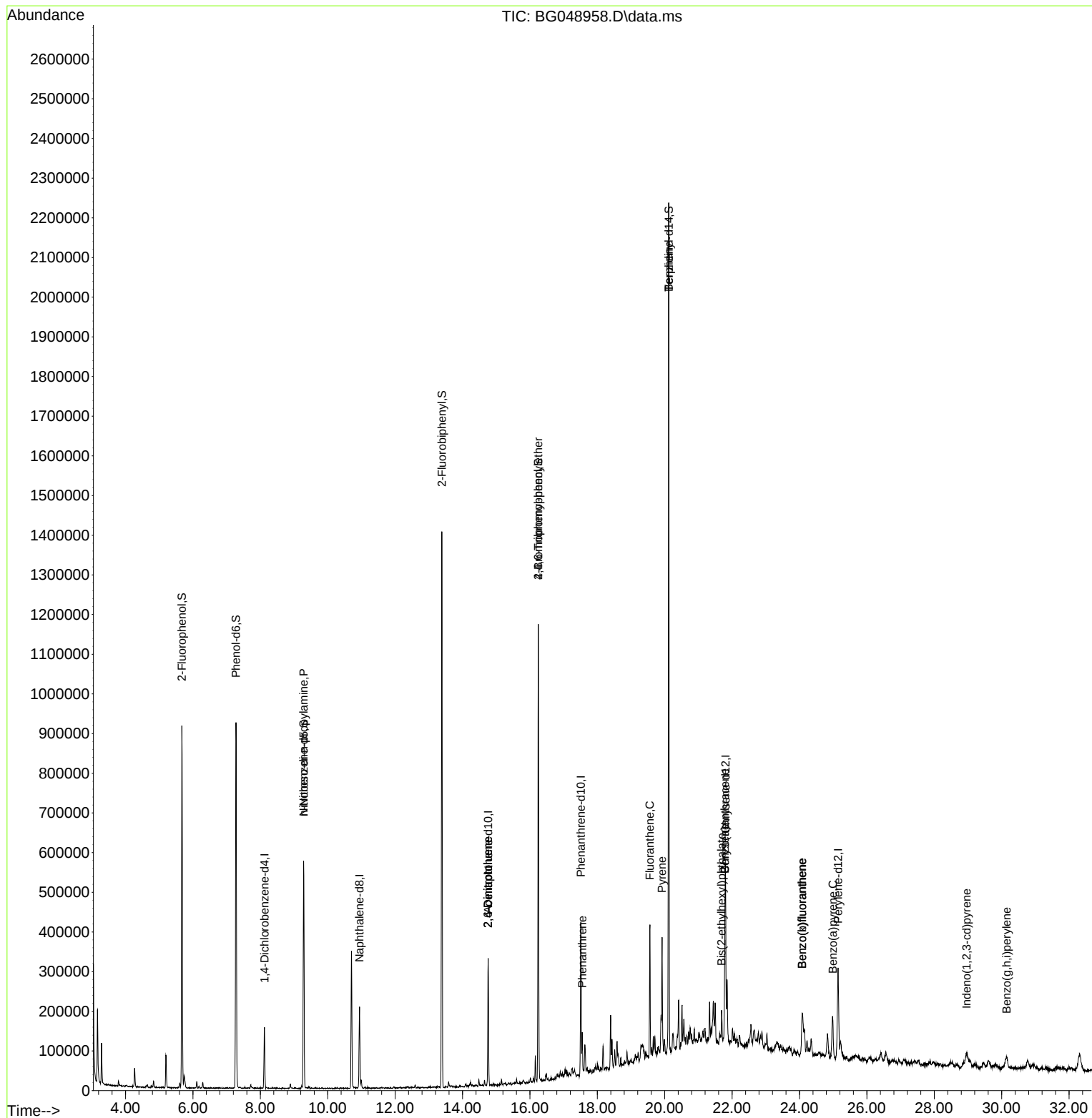
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	40258	20.00	ng	0.00
21) Naphthalene-d8	10.943	136	161713	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	113787	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	241279	20.00	ng	# 0.00
76) Chrysene-d12	21.807	240	232522	20.00	ng	-0.01
86) Perylene-d12	25.144	264	246169	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	352596	136.34	ng	0.00
7) Phenol-d6	7.277	99	489411	126.26	ng	0.01
23) Nitrobenzene-d5	9.286	82	350044	93.34	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	212451	126.02	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	708372	87.94	ng	0.00
79) Terphenyl-d14	20.121	244	972712	76.61	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.286	70	51742	17.08	ng	# 70
51) 2,6-Dinitrotoluene	14.756	165	15315	8.48	ng	# 12
57) 2,4-Dinitrotoluene	14.756	165	15315	6.91	ng	# 17
67) 4-Bromophenyl-phenylether	16.249	248	13094	4.35	ng	# 1
71) Phenanthrene	17.553	178	61730	4.55	ng	96
75) Fluoranthene	19.562	202	205089	12.53	ng	97
77) Benzidine	20.121	184	19821	4.23	ng	# 96
78) Pyrene	19.921	202	190422	11.28	ng	99
81) Benzo(a)anthracene	21.783	228	160477	9.61	ng	96
83) Chrysene	21.783	228	160477	10.03	ng	96
84) Bis(2-ethylhexyl)phtha...	21.689	149	21543	2.37	ng	# 98
87) Indeno(1,2,3-cd)pyrene	28.957	276	64312	3.47	ng	94
88) Benzo(b)fluoranthene	24.081	252	151690	8.64	ng	# 94
89) Benzo(k)fluoranthene	24.081	252	151690	9.11	ng	# 98
90) Benzo(a)pyrene	24.985	252	125261	7.82	ng	# 93
92) Benzo(g,h,i)perylene	30.144	276	55675	3.57	ng	98

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

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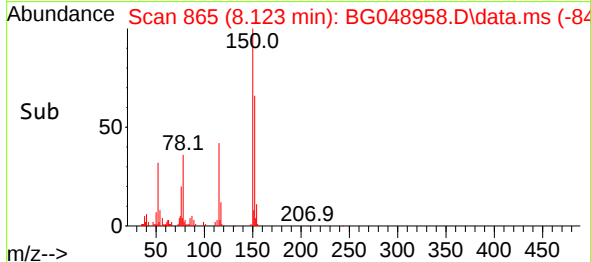
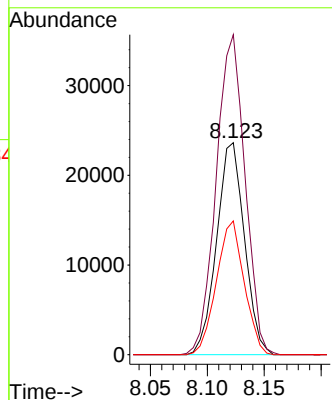
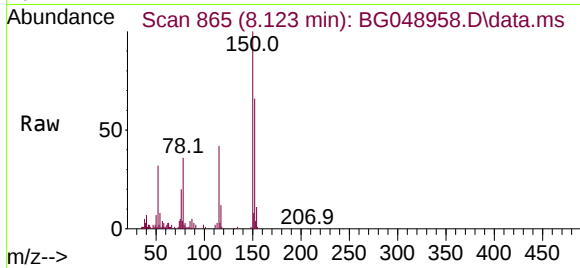




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

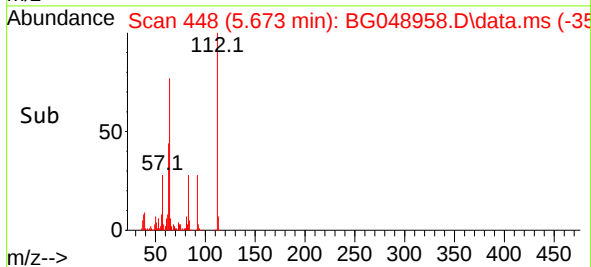
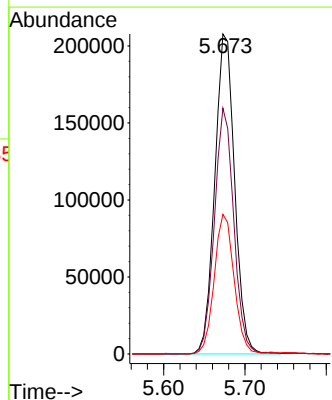
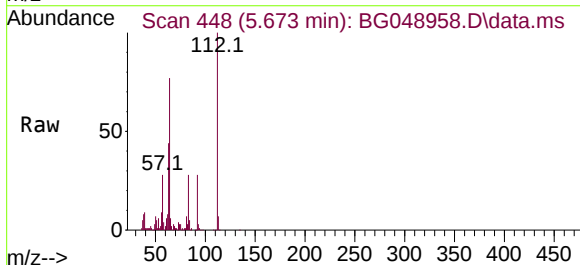
Instrument :
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0201A-COMP-D(DISCRETE-CL-01A)

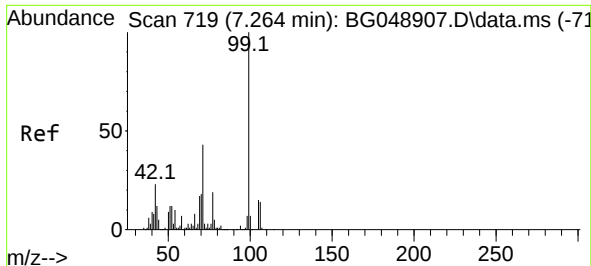
Tgt Ion:152 Resp: 40258
Ion Ratio Lower Upper
152 100
150 151.0 119.4 179.0
115 63.1 60.2 90.4



#5
2-Fluorophenol
Concen: 136.34 ng
RT: 5.673 min Scan# 448
Delta R.T. 0.007 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion:112 Resp: 352596
Ion Ratio Lower Upper
112 100
64 76.8 46.7 70.1#
63 43.6 35.3 52.9

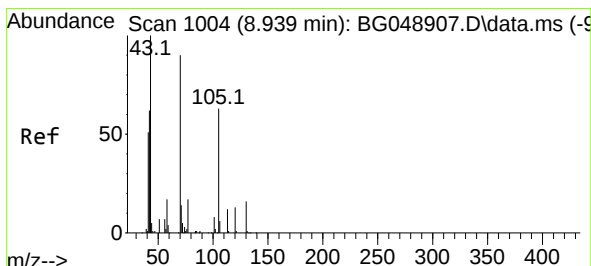
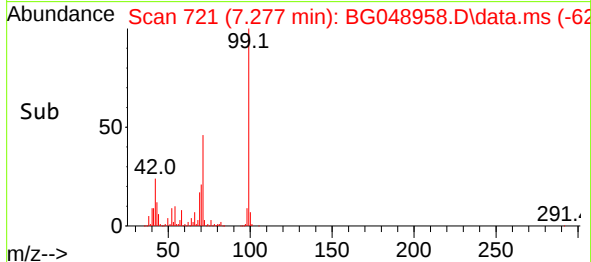
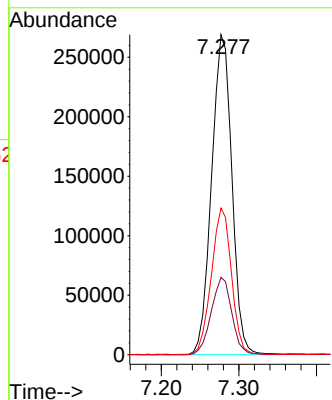
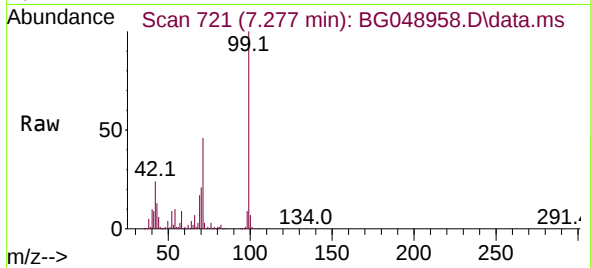




#7
Phenol-d6
Concen: 126.26 ng
RT: 7.277 min Scan# 721
Delta R.T. 0.013 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

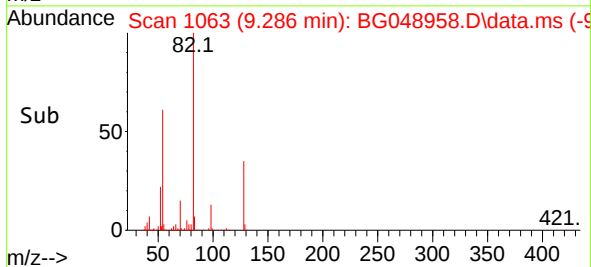
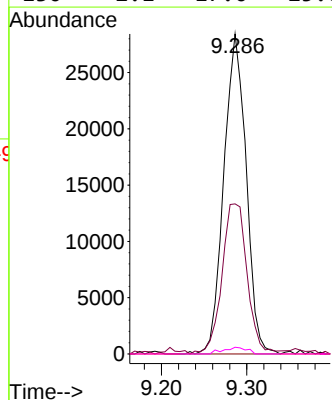
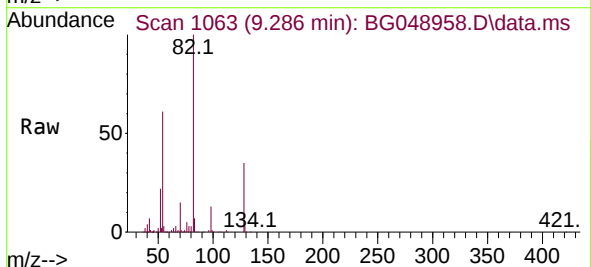
Instrument :
BNA_G
ClientSampleId :
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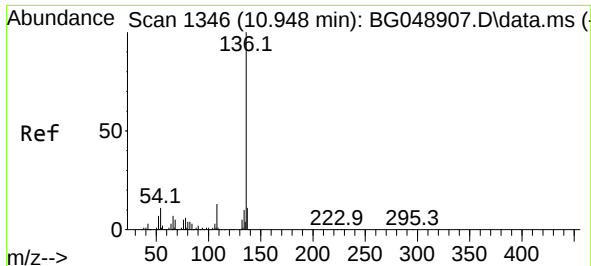
Tgt Ion: 99 Resp: 489411
Ion Ratio Lower Upper
99 100
42 24.2 20.5 30.7
71 45.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.08 ng
RT: 9.286 min Scan# 1063
Delta R.T. 0.347 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion: 70 Resp: 51742
Ion Ratio Lower Upper
70 100
42 46.9 54.5 81.7#
101 0.0 9.0 13.6#
130 2.1 17.0 25.6#

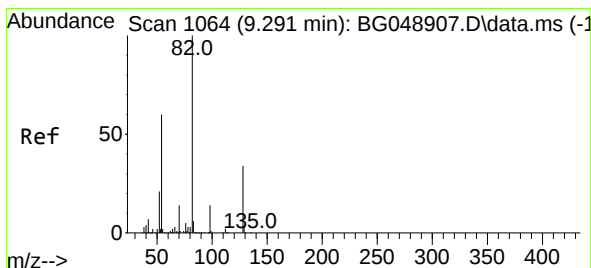
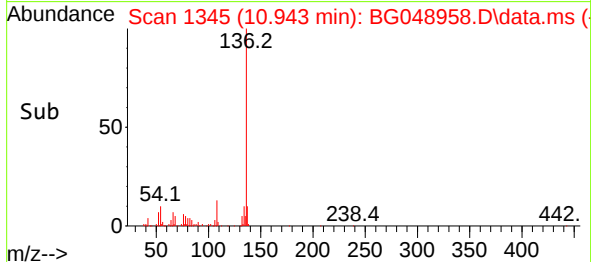
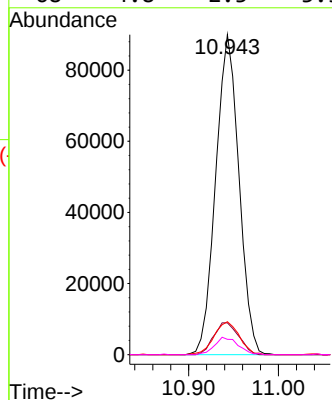
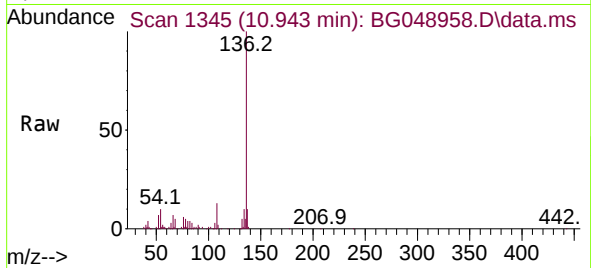




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

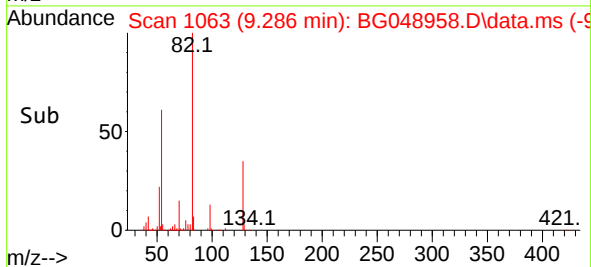
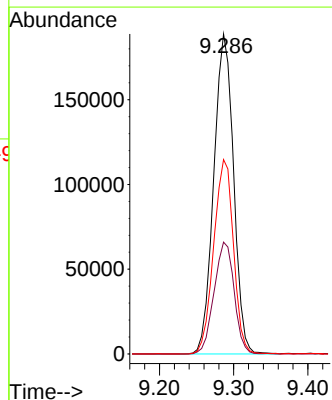
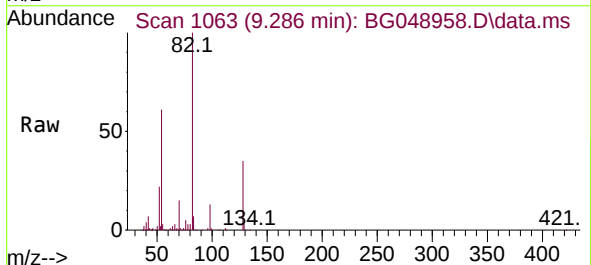
Instrument :
BNA_G
ClientSampleId :
0201A-COMP-D(DISCRETE-CL-01A)

Tgt Ion:136	Resp: 161713
Ion Ratio	Lower Upper
136	100
137	9.9 8.2 12.2
54	10.3 5.5 8.3#
68	4.8 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 93.34 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion: 82	Resp: 350044
Ion Ratio	Lower Upper
82	100
128	34.9 29.8 44.6
54	60.7 45.8 68.8

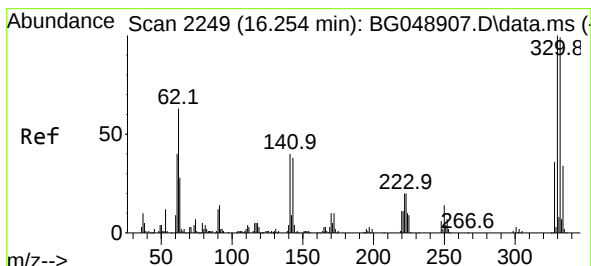
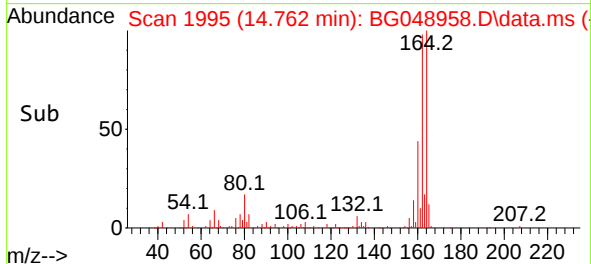
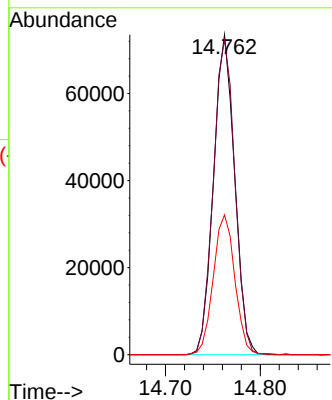
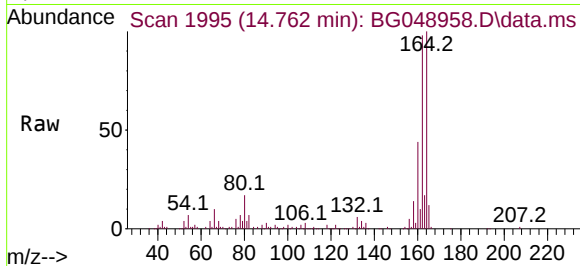




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

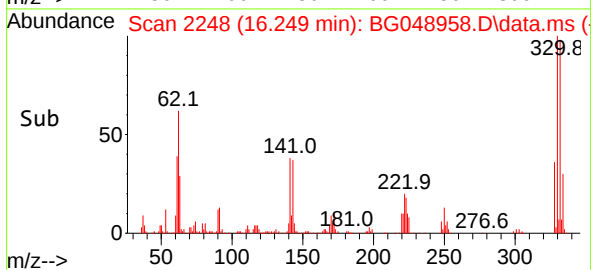
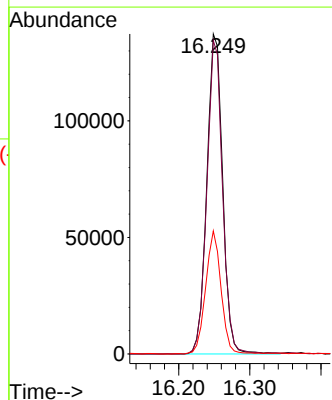
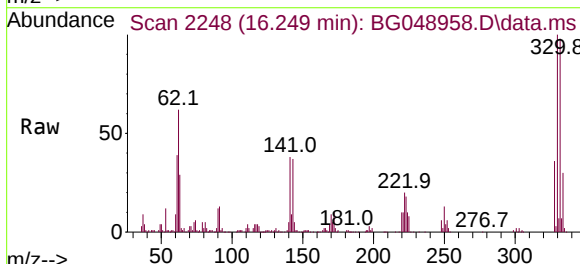
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ClientSampleId :
0201A-COMP-D(DISCRETE-CL-01A)

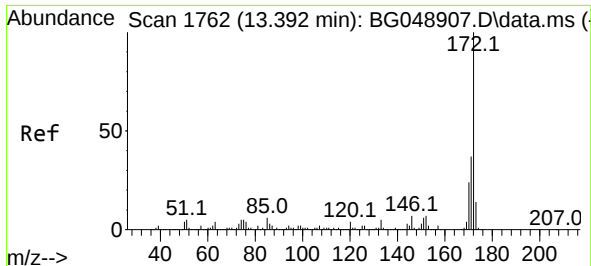
Tgt Ion:164 Resp: 113787
Ion Ratio Lower Upper
164 100
162 98.5 81.4 122.0
160 43.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 126.02 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion:330 Resp: 212451
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 37.7 35.6 53.4

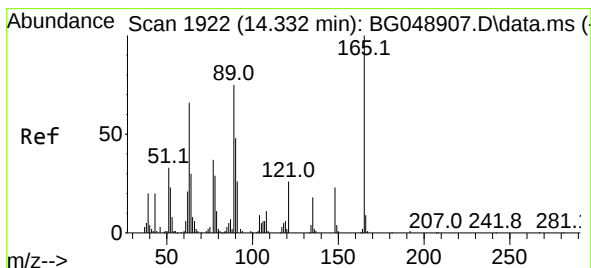
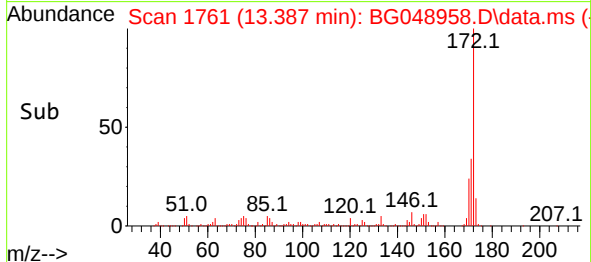
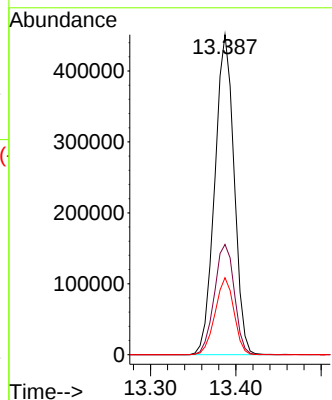
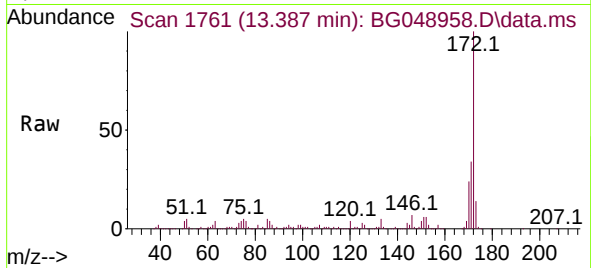




#45
2-Fluorobiphenyl
Concen: 87.94 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

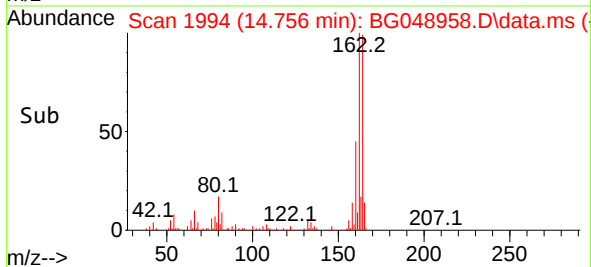
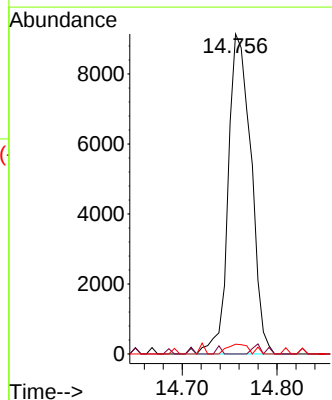
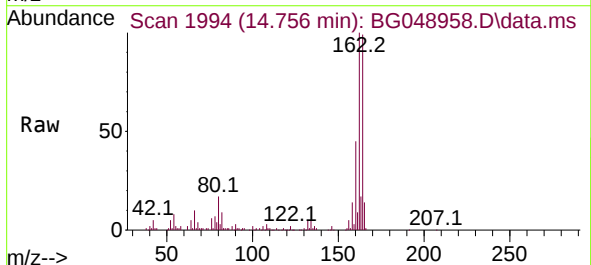
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Tgt Ion:172 Resp: 708372
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 24.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.48 ng
RT: 14.756 min Scan# 1994
Delta R.T. 0.424 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

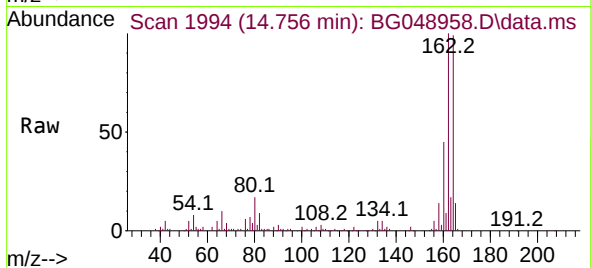
Tgt Ion:165 Resp: 15315
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.1 63.4 95.0#



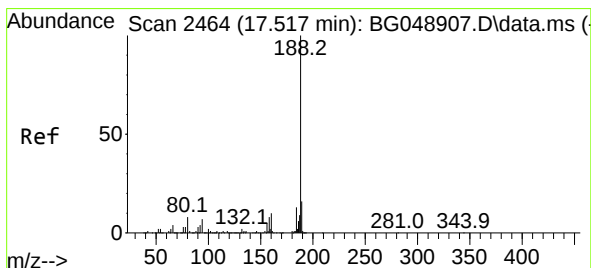
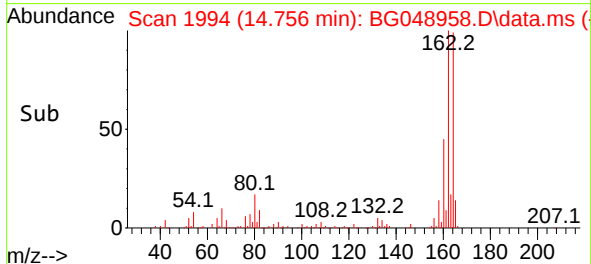
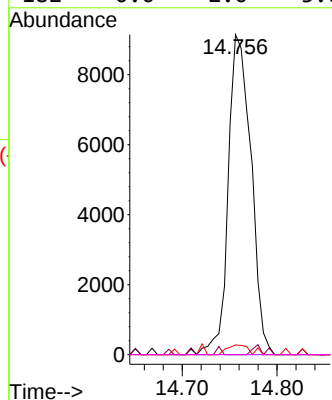


#57
2,4-Dinitrotoluene
Concen: 6.91 ng
RT: 14.756 min Scan# 1994
Delta R.T. -0.363 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Instrument :
BNA_G
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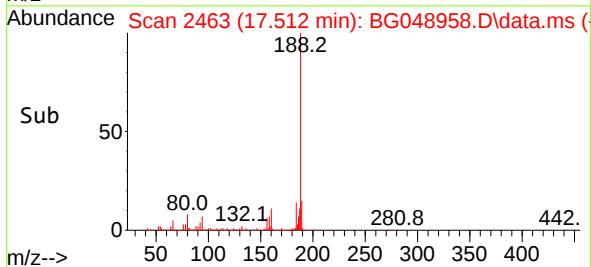
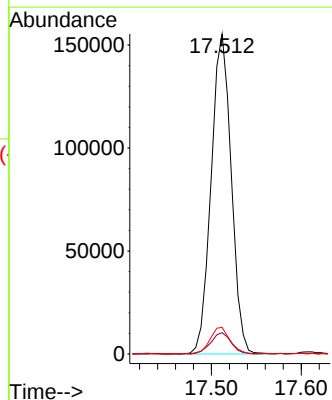
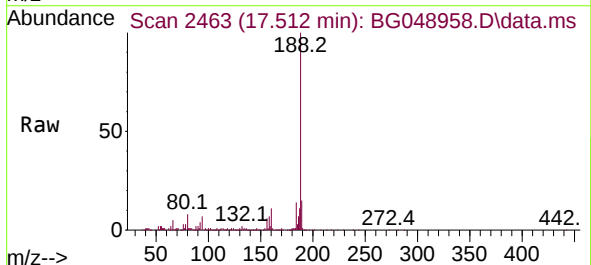


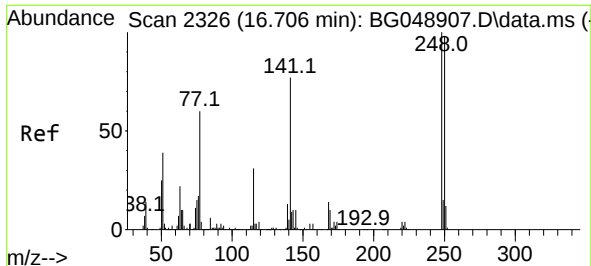
Tgt Ion:165 Resp: 15315
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.1 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion:188 Resp: 241279
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 8.3 3.7 5.5#

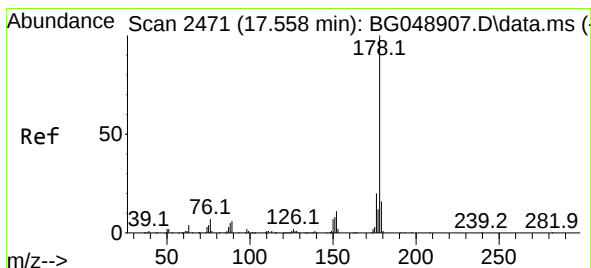
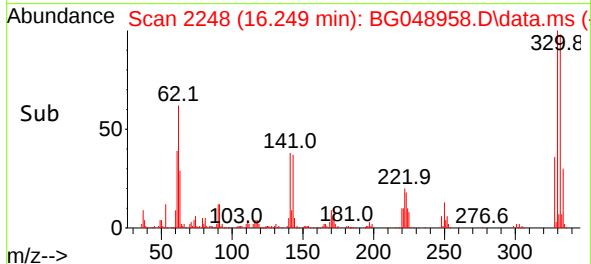
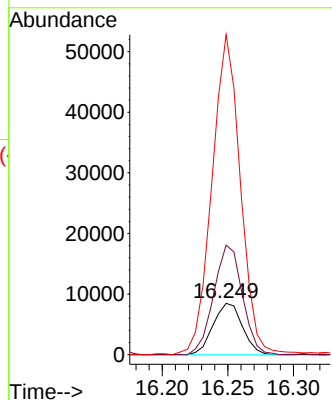
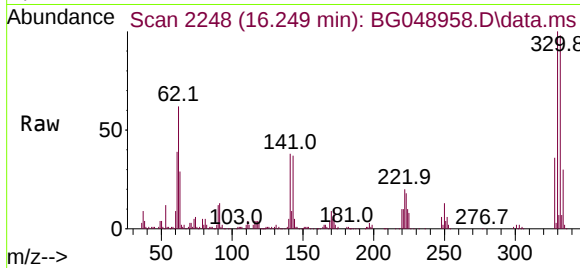




#67
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.458 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

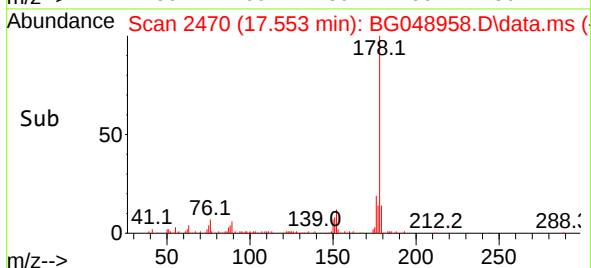
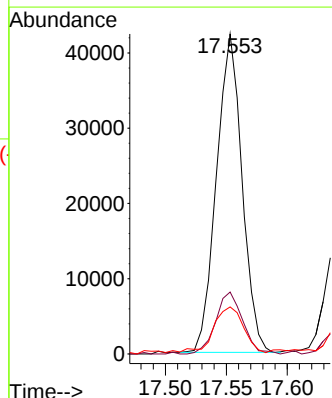
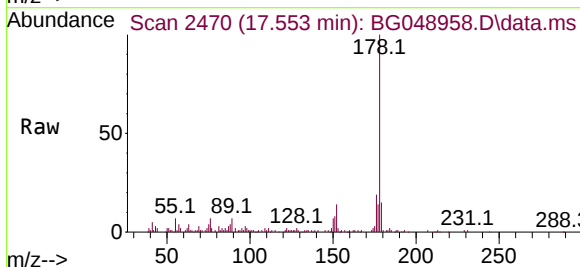
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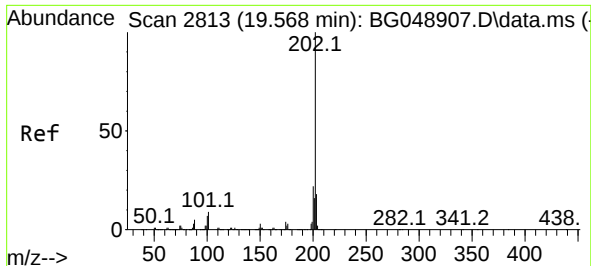
Tgt Ion:248 Resp: 13094
Ion Ratio Lower Upper
248 100
250 213.5 76.1 114.1#
141 623.0 65.4 98.2#



#71
Phenanthrene
Concen: 4.55 ng
RT: 17.553 min Scan# 2470
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion:178 Resp: 61730
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 14.7 14.2 21.4

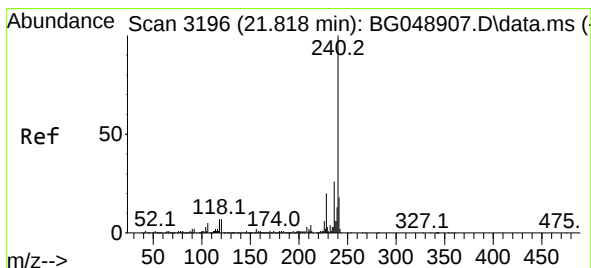
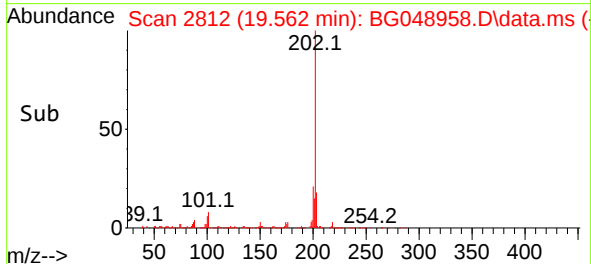
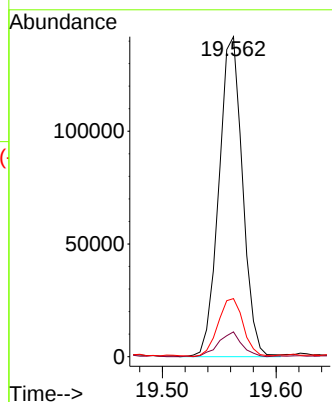
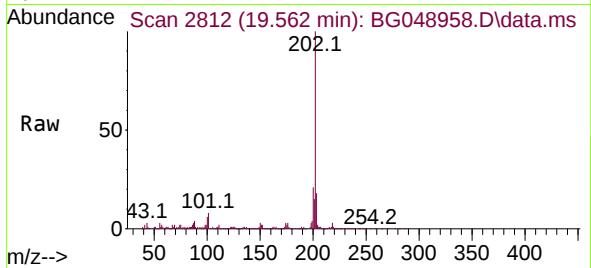




#75
Fluoranthene
Concen: 12.53 ng
RT: 19.562 min Scan# 2812
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

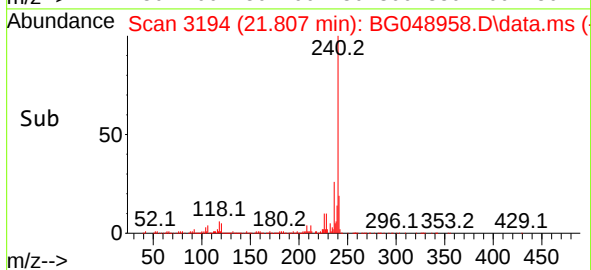
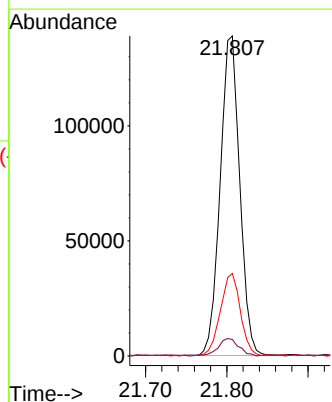
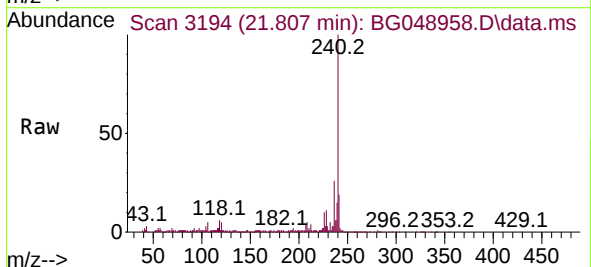
Instrument :
BNA_G
ClientSampleId :
0201A-COMP-D(DISCRETE-CL-01A)

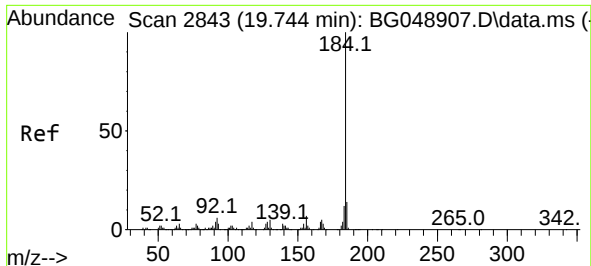
Tgt Ion:202 Resp: 205089
Ion Ratio Lower Upper
202 100
101 7.8 0.0 24.7
203 18.1 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.807 min Scan# 3194
Delta R.T. -0.011 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion:240 Resp: 232522
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 25.8 21.8 32.6

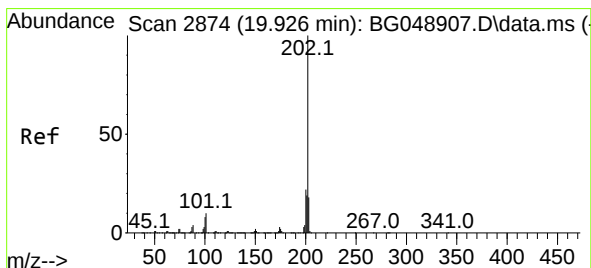
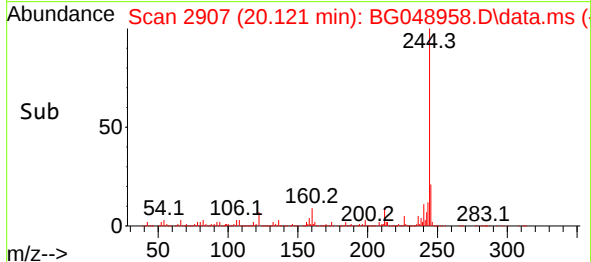
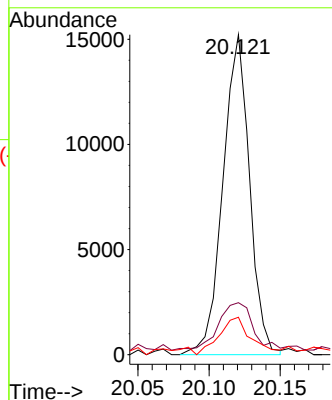
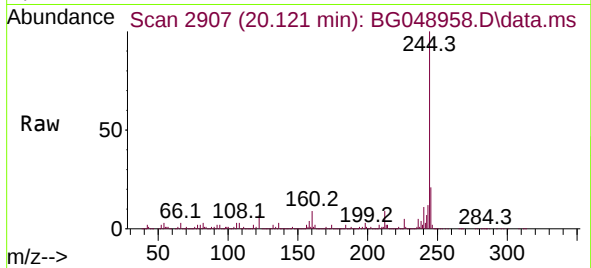




#77
Benzidine
Concen: 4.23 ng
RT: 20.121 min Scan# 2907
Delta R.T. 0.377 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

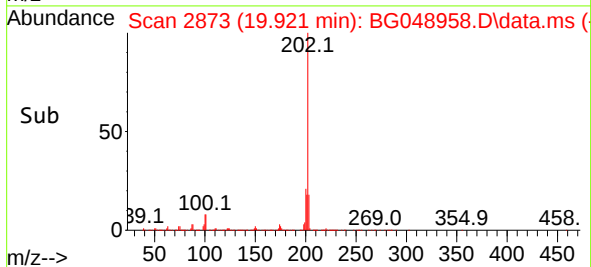
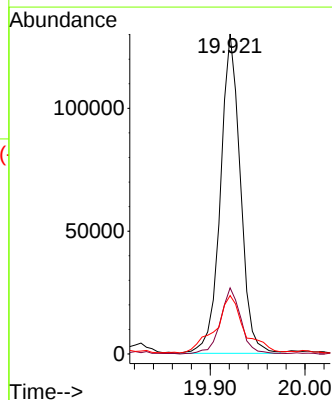
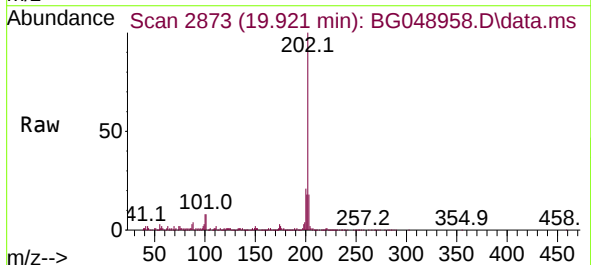
Instrument :
BNA_G
ClientSampleId :
0201A-COMP-D(DISCRETE-CL-01A)

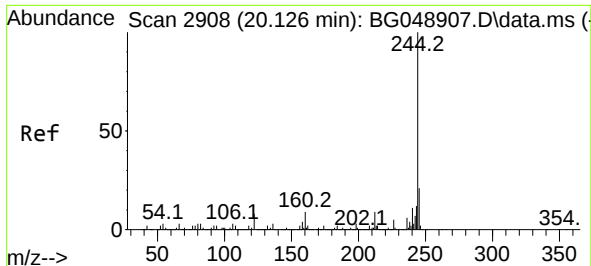
Tgt Ion:184 Resp: 19821
Ion Ratio Lower Upper
184 100
185 16.3 10.7 16.1#
183 11.7 9.4 14.0



#78
Pyrene
Concen: 11.28 ng
RT: 19.921 min Scan# 2873
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion:202 Resp: 190422
Ion Ratio Lower Upper
202 100
200 20.6 15.8 23.8
203 18.3 14.6 21.8

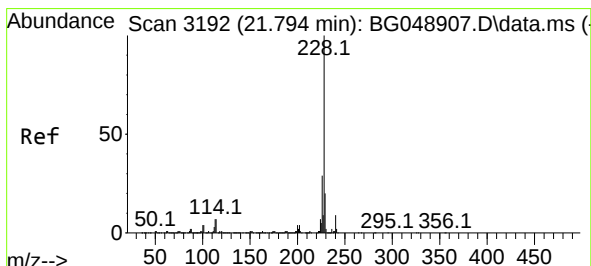
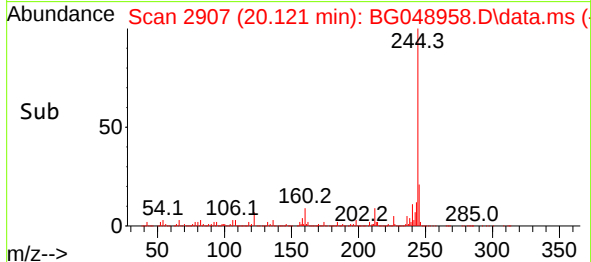
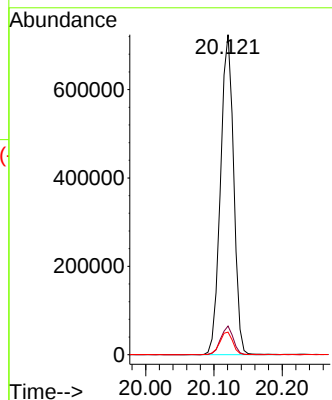
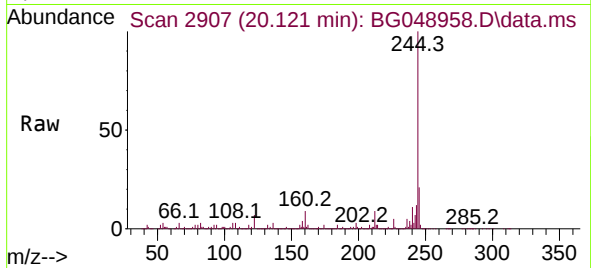




#79
Terphenyl-d14
Concen: 76.61 ng
RT: 20.121 min Scan# 2907
Delta R.T. -0.005 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

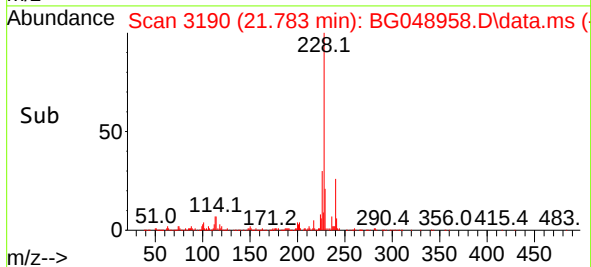
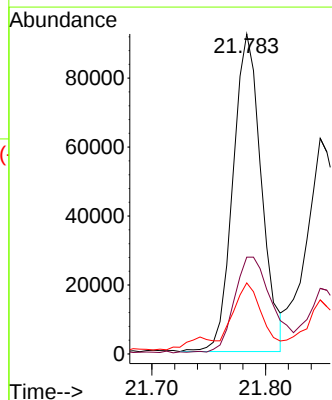
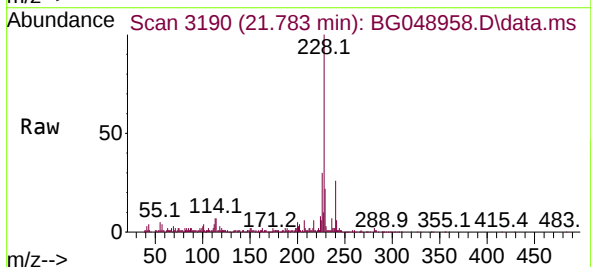
Instrument :
BNA_G
ClientSampleId :
0201A-COMP-D(DISCRETE-CL-01A)

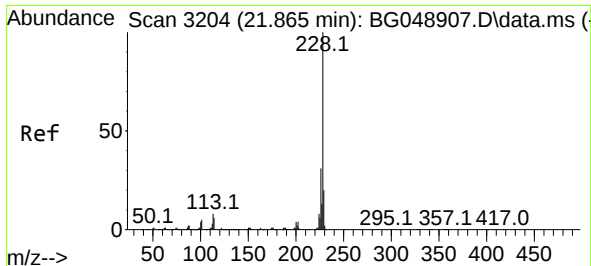
Tgt Ion:244 Resp: 972712
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 7.1 5.0 7.6



#81
Benzo(a)anthracene
Concen: 9.61 ng
RT: 21.783 min Scan# 3190
Delta R.T. -0.011 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion:228 Resp: 160477
Ion Ratio Lower Upper
228 100
226 30.2 22.7 34.1
229 22.2 16.0 24.0

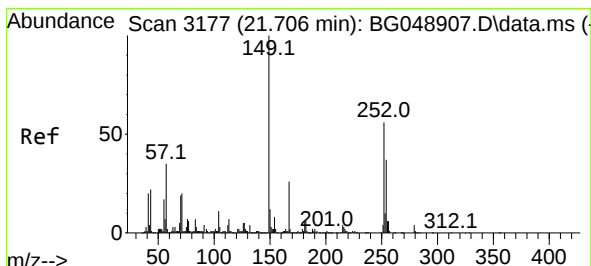
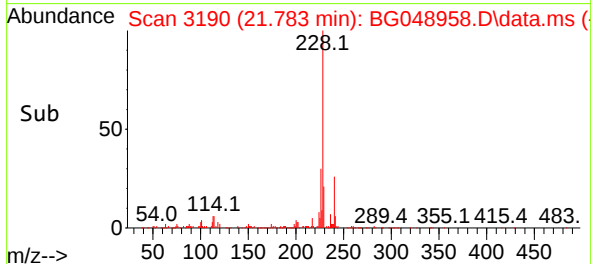
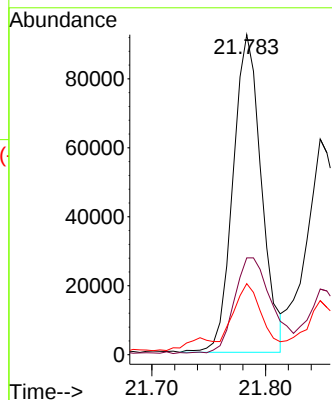
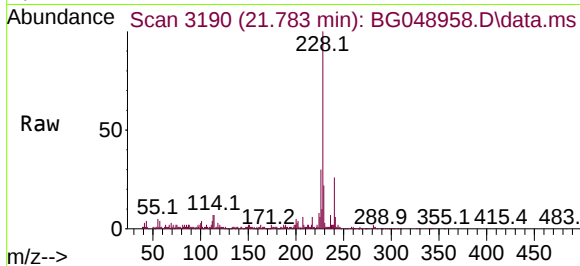




#83
Chrysene
Concen: 10.03 ng
RT: 21.783 min Scan# 3190
Delta R.T. -0.081 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

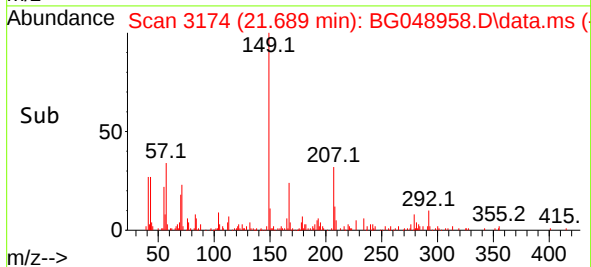
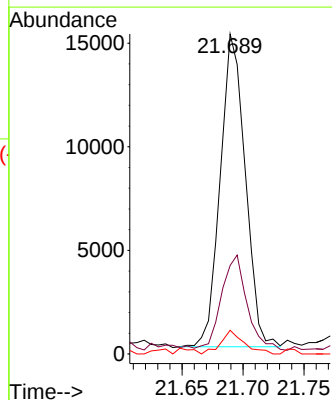
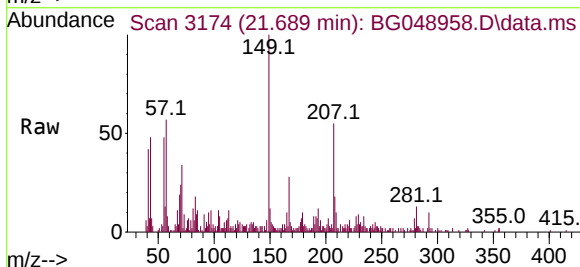
Instrument :
BNA_G
ClientSampleId :
0201A-COMP-D(DISCRETE-CL-01A)

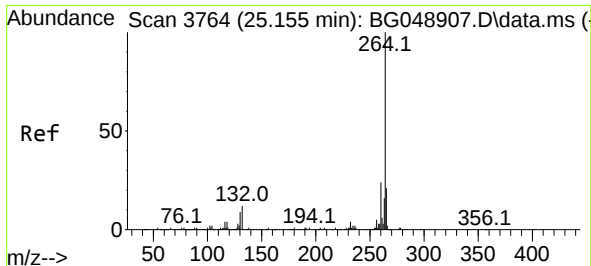
Tgt Ion:228 Resp: 160477
Ion Ratio Lower Upper
228 100
226 30.2 23.1 34.7
229 22.2 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.37 ng
RT: 21.689 min Scan# 3174
Delta R.T. -0.017 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion:149 Resp: 21543
Ion Ratio Lower Upper
149 100
167 27.7 22.3 33.5
279 7.4 3.8 5.8#

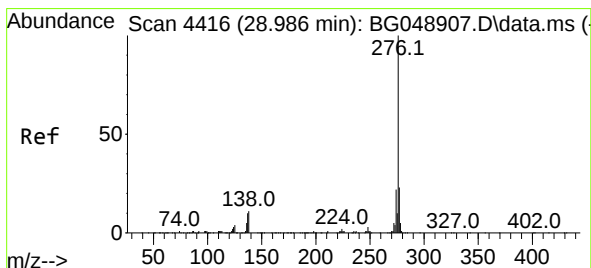
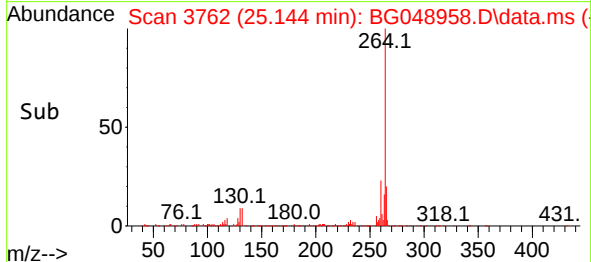
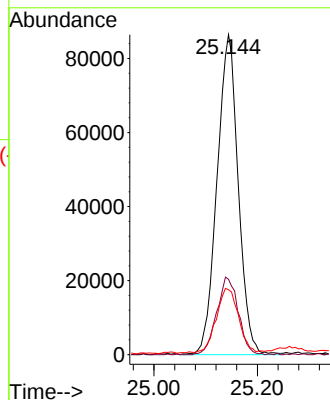
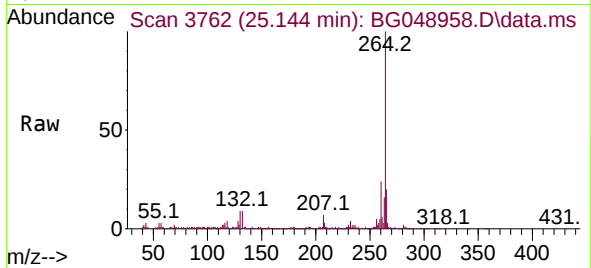




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.144 min Scan# 3762
 Delta R.T. -0.011 min
 Lab File: BG048958.D
 Acq: 14 Jun 2021 20:55

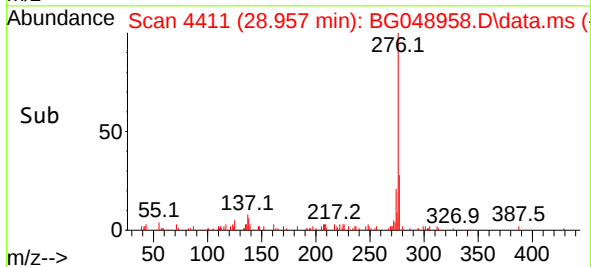
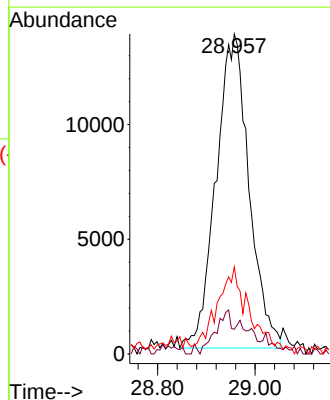
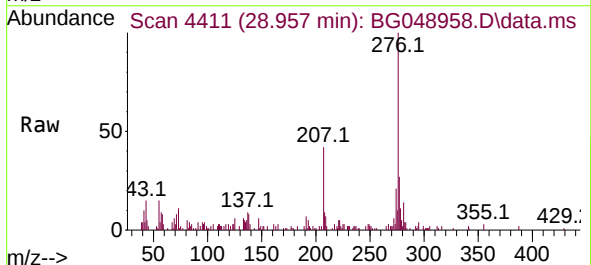
Instrument :
 BNA_G
 ClientSampleId :
 0201A-COMP-D(DISCRETE-CL-01A)

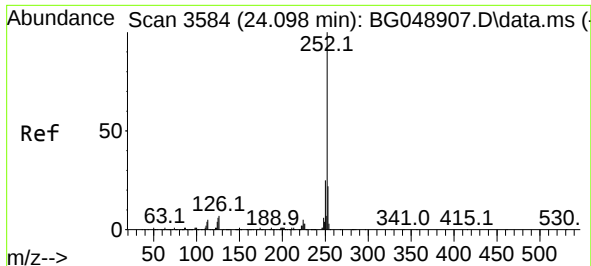
Tgt Ion:264 Resp: 246169
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 20.3 16.9 25.3



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.47 ng
 RT: 28.957 min Scan# 4411
 Delta R.T. -0.029 min
 Lab File: BG048958.D
 Acq: 14 Jun 2021 20:55

Tgt Ion:276 Resp: 64312
 Ion Ratio Lower Upper
 276 100
 138 7.1 5.1 7.7
 277 28.2 19.8 29.6

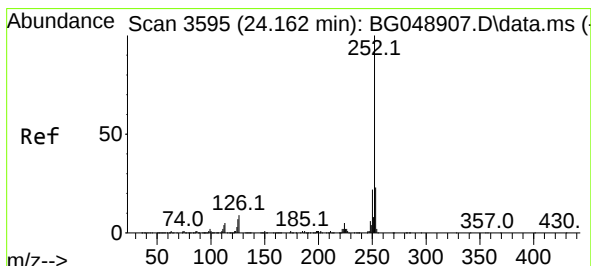
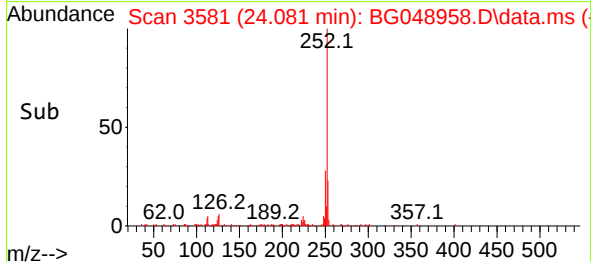
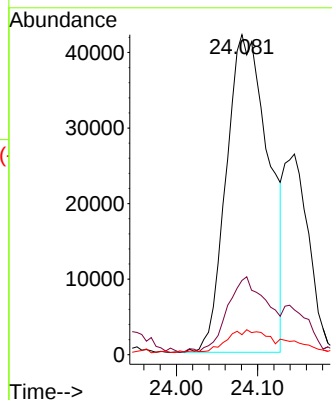
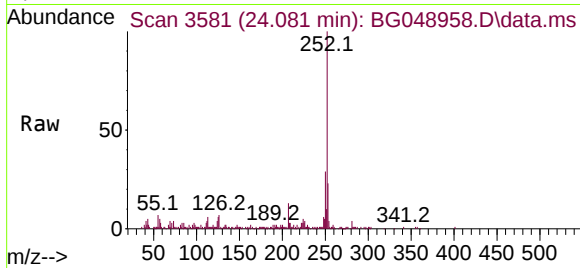




#88
Benzo(b)fluoranthene
Concen: 8.64 ng
RT: 24.081 min Scan# 3581
Delta R.T. -0.017 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

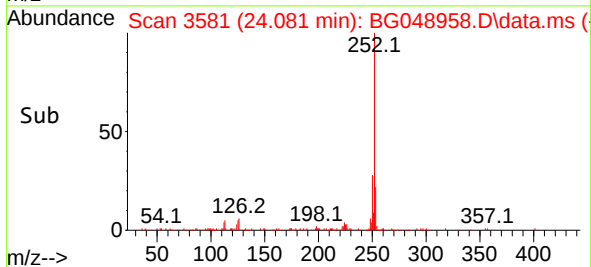
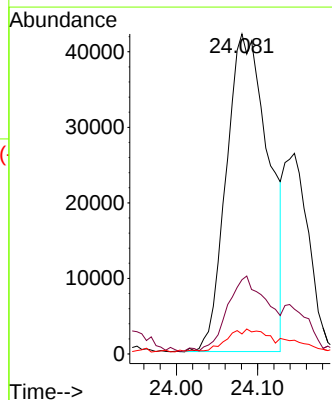
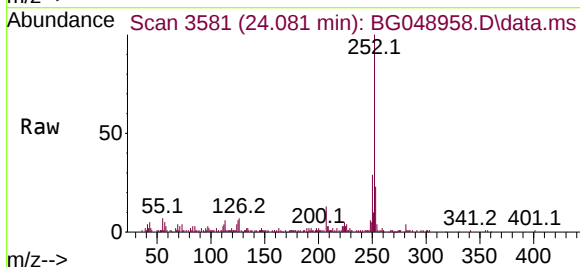
Instrument :
BNA_G
ClientSampleId :
0201A-COMP-D(DISCRETE-CL-01A)

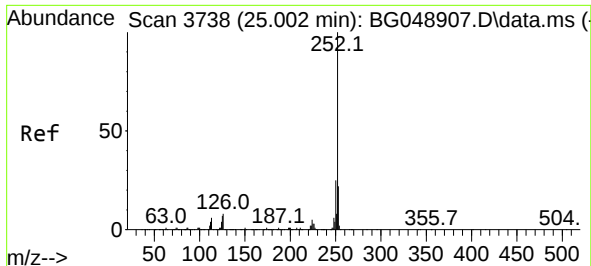
Tgt Ion:252 Resp: 151690
Ion Ratio Lower Upper
252 100
253 23.2 16.2 24.4
125 6.2 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 9.11 ng
RT: 24.081 min Scan# 3581
Delta R.T. -0.081 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion:252 Resp: 151690
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 6.2 3.1 4.7#

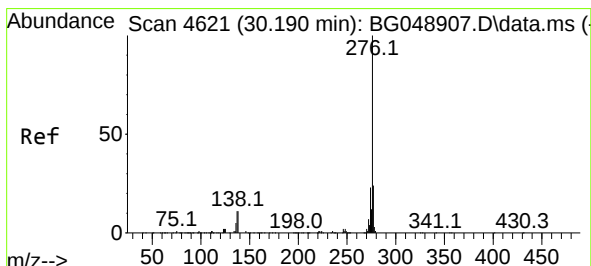
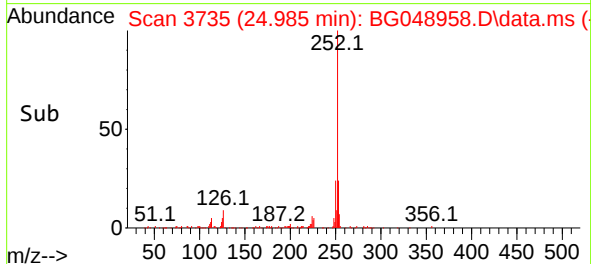
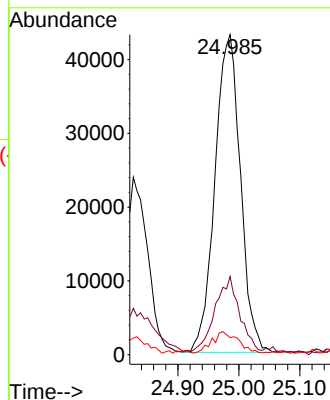
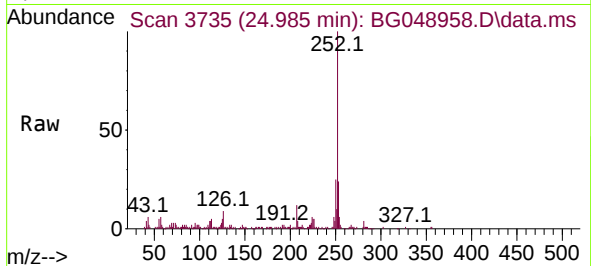




#90
Benzo(a)pyrene
Concen: 7.82 ng
RT: 24.985 min Scan# 3735
Delta R.T. -0.017 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Instrument :
BNA_G
ClientSampleId :
0201A-COMP-D(DISCRETE-CL-01A)

Tgt Ion:252 Resp: 125261
Ion Ratio Lower Upper
252 100
253 24.4 16.6 25.0
125 5.3 3.5 5.3#



#92
Benzo(g,h,i)perylene
Concen: 3.57 ng
RT: 30.144 min Scan# 4613
Delta R.T. -0.046 min
Lab File: BG048958.D
Acq: 14 Jun 2021 20:55

Tgt Ion:276 Resp: 55675
Ion Ratio Lower Upper
276 100
277 21.7 18.4 27.6
138 9.3 7.0 10.6

