

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092520\
 Data File : BG046709.D
 Acq On : 25 Sep 2020 19:50
 Operator : CG/JU
 Sample : L4132-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-25603

Quant Time: Sep 26 02:27:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 21:47:28 2020
 Response via : Initial Calibration

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

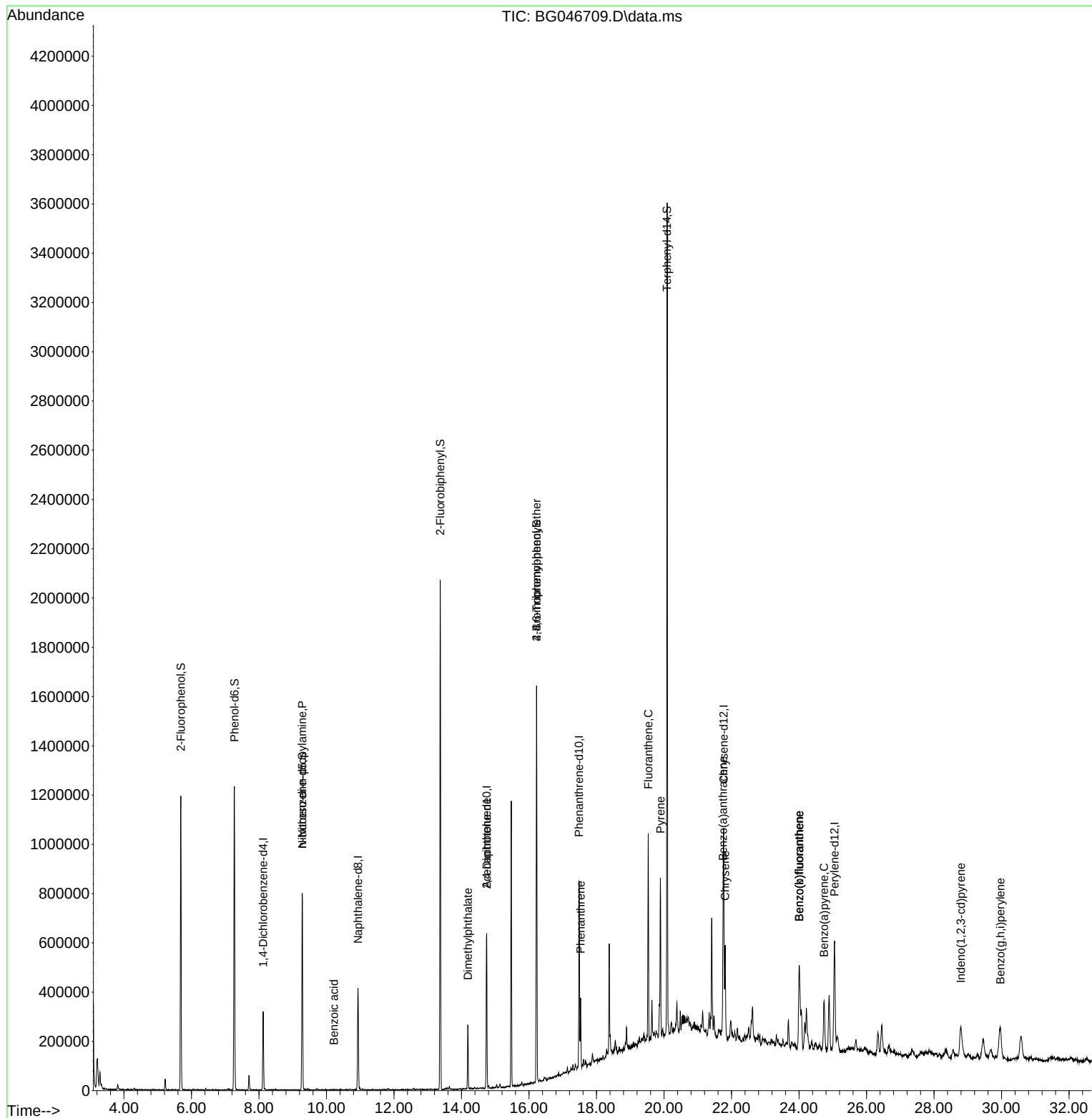
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.124	152	84249	20.00	ng	0.00
21) Naphthalene-d8	10.932	136	326105	20.00	ng	# 0.00
39) Acenaphthene-d10	14.745	164	217212	20.00	ng	0.00
64) Phenanthrene-d10	17.483	188	471206	20.00	ng	0.00
76) Chrysene-d12	21.767	240	472518	20.00	ng	#-0.01
86) Perylene-d12	25.051	264	482077	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	477538	90.81	ng	0.00
7) Phenol-d6	7.272	99	661365	89.16	ng	0.00
23) Nitrobenzene-d5	9.281	82	476290	77.70	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	290157	101.31	ng	0.00
45) 2-Fluorobiphenyl	13.371	172	1040799	67.84	ng	0.00
79) Terphenyl-d14	20.092	244	1442431	61.18	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.266	77	2069	Below Cal	#	18
19) n-Nitroso-di-n-propyla...	9.281	70	70296	13.82	ng	# 82
32) Benzoic acid	10.221	122	55	6.36	ng	# 19
50) Dimethylphthalate	14.187	163	160623	9.26	ng	100
57) 2,4-Dinitrotoluene	14.745	165	27925	7.48	ng	# 33
67) 4-Bromophenyl-phenylether	16.226	248	19704	3.31	ng	# 1
71) Phenanthrene	17.530	178	178666	6.98	ng	100
75) Fluoranthene	19.534	202	518962	15.93	ng	96
78) Pyrene	19.892	202	428425	14.11	ng	99
81) Benzo(a)anthracene	21.749	228	202650	6.42	ng	98
83) Chrysene	21.814	228	297080	9.86	ng	98
87) Indeno(1,2,3-cd)pyrene	28.794	276	248711	6.97	ng	# 80
88) Benzo(b)fluoranthene	24.011	252	446728	14.14	ng	# 97
89) Benzo(k)fluoranthene	24.011	252	446728	14.71	ng	# 97
90) Benzo(a)pyrene	24.740	252	231930	7.80	ng	99
92) Benzo(g,h,i)perylene	29.969	276	250745	8.79	ng	# 94

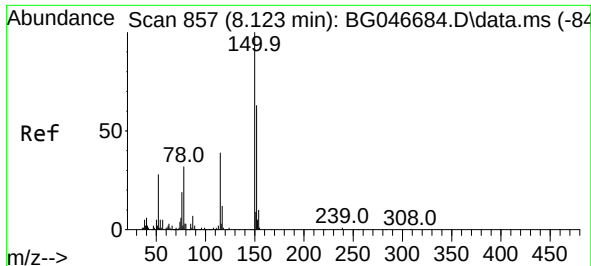
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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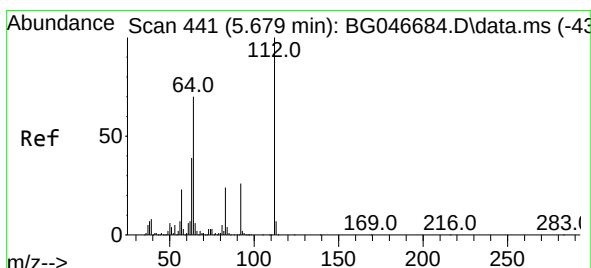
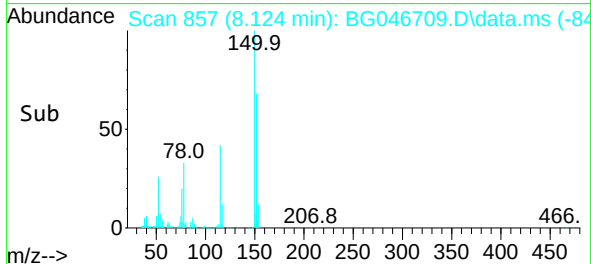
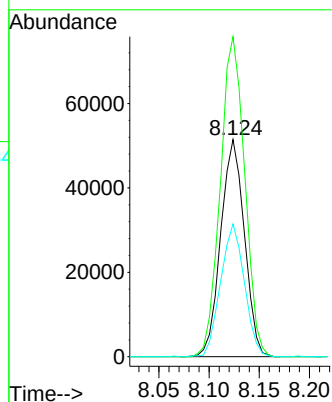
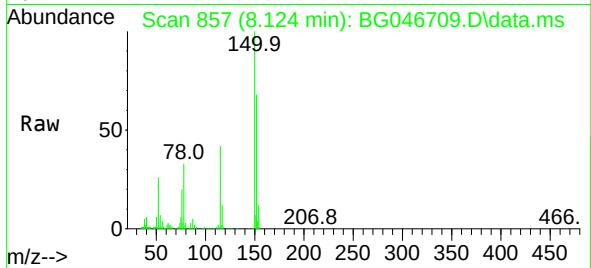




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.124 min Scan# 857
Delta R.T. 0.001 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

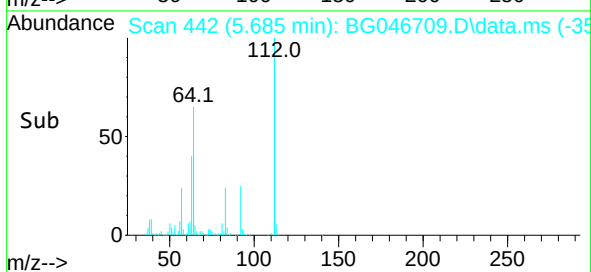
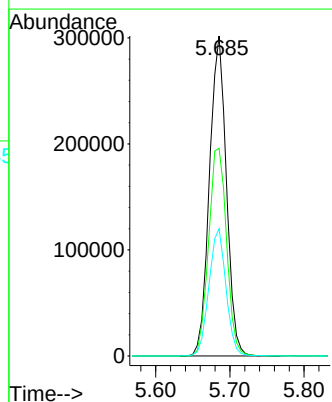
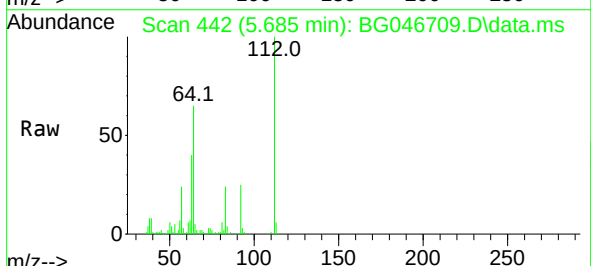
Instrument :
BNA_G
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CHRT-25603

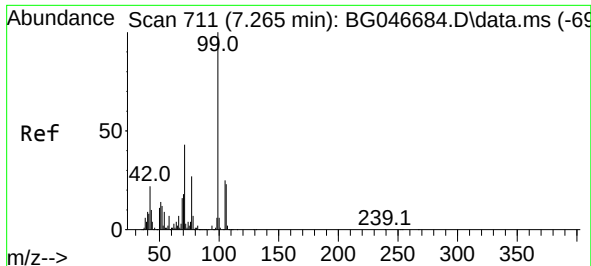
Tgt Ion:152 Resp: 84249
Ion Ratio Lower Upper
152 100
150 147.3 125.0 187.6
115 61.2 41.8 62.6



#5
2-Fluorophenol
Concen: 90.81 ng
RT: 5.685 min Scan# 442
Delta R.T. 0.006 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

Tgt Ion:112 Resp: 477538
Ion Ratio Lower Upper
112 100
64 64.9 46.7 70.1
63 39.7 22.8 34.2#

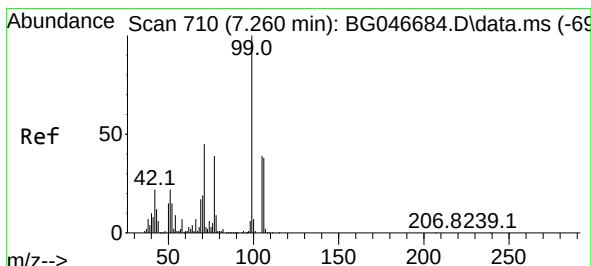
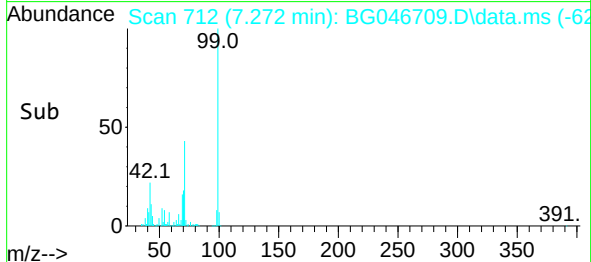
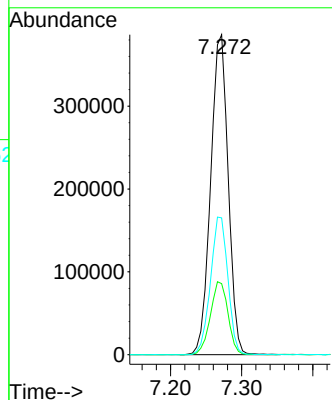
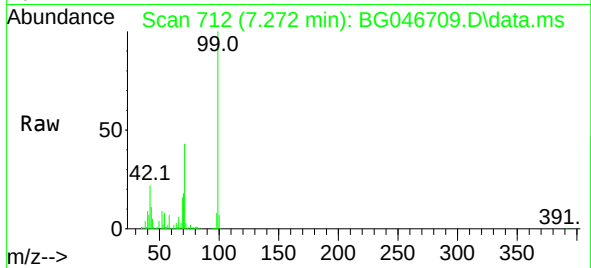




#7
Phenol-d6
Concen: 89.16 ng
RT: 7.272 min Scan# 712
Delta R.T. 0.007 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

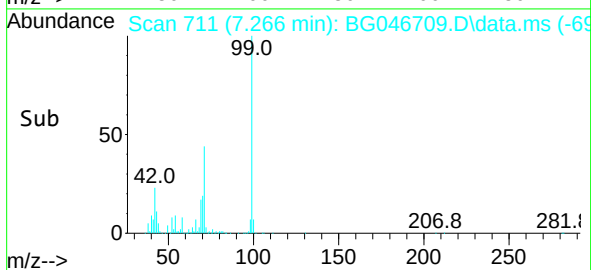
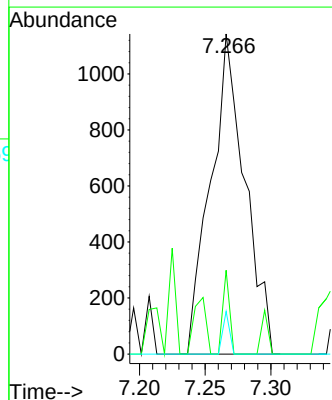
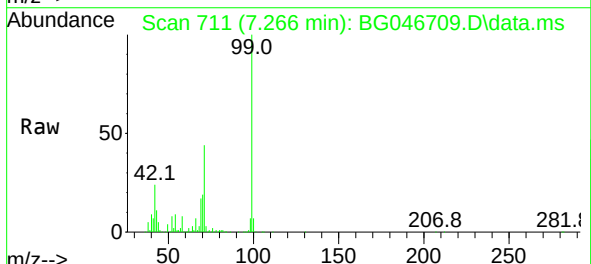
Instrument :
BNA_G
ClientSampleId :
CHRT-25603

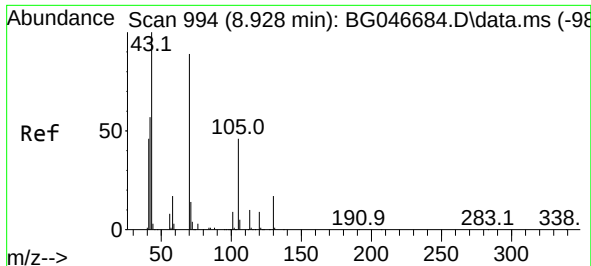
Tgt Ion: 99 Resp: 661365
Ion Ratio Lower Upper
99 100
42 22.2 12.8 19.2#
71 42.8 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.266 min Scan# 711
Delta R.T. 0.006 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

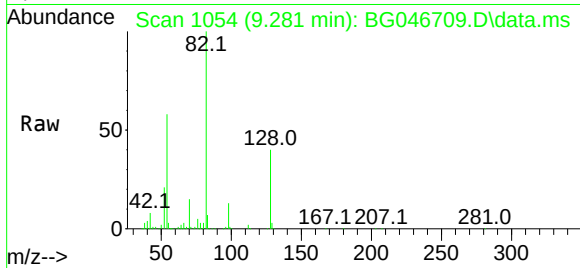
Tgt Ion: 77 Resp: 2069
Ion Ratio Lower Upper
77 100
105 26.2 85.9 125.9#
106 13.3 80.9 120.9#



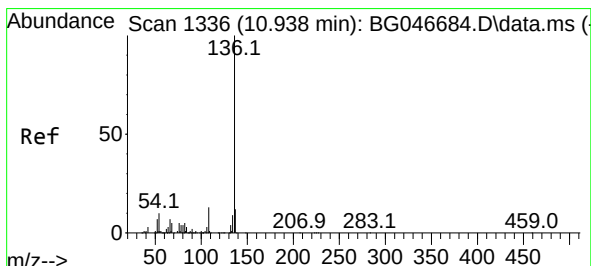
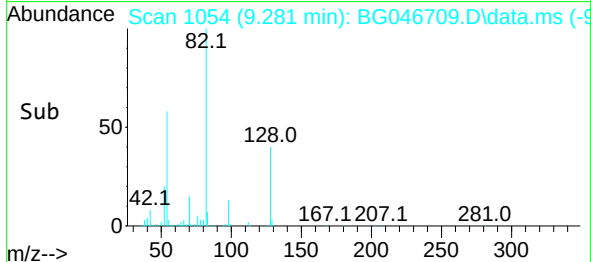
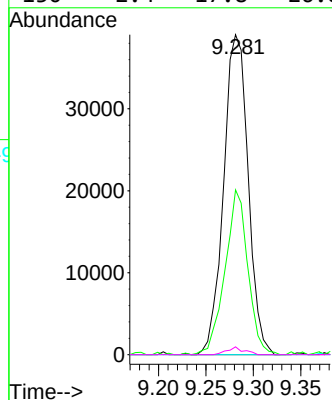


#19
n-Nitroso-di-n-propylamine
Concen: 13.82 ng
RT: 9.281 min Scan# 1054
Delta R.T. 0.353 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

Instrument :
BNA_G
ClientSampleId :
CHRT-25603

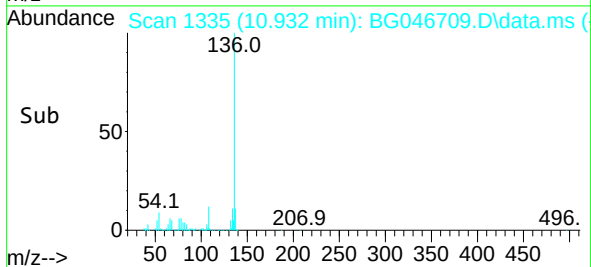
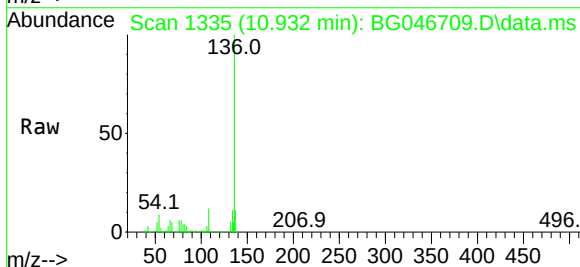
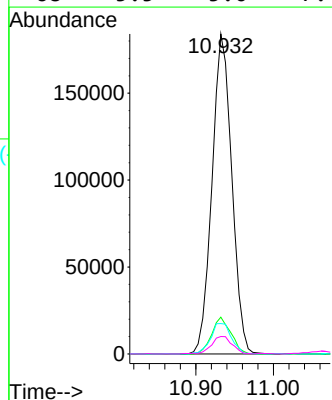


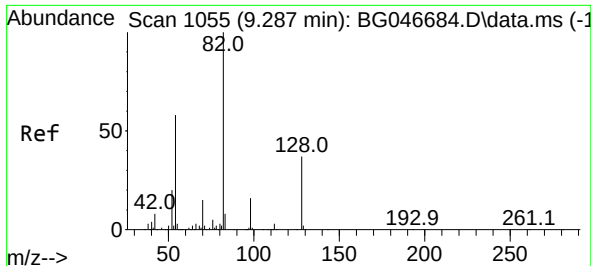
Tgt Ion: 70 Resp: 70296
Ion Ratio Lower Upper
70 100
42 51.5 45.6 68.4
101 0.0 8.4 12.6#
130 2.4 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.932 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

Tgt Ion: 136 Resp: 326105
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.5 6.2 9.4#
68 5.5 5.0 7.4

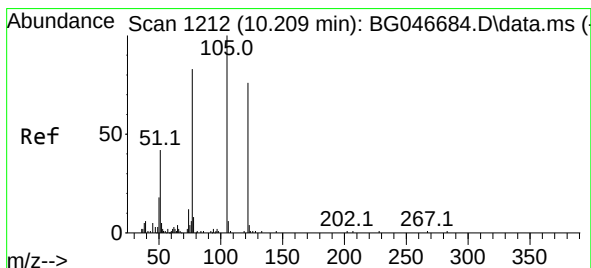
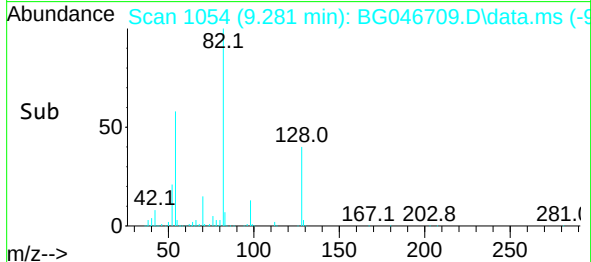
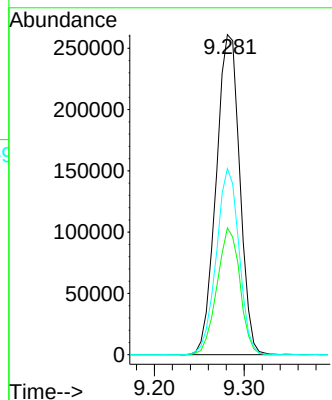
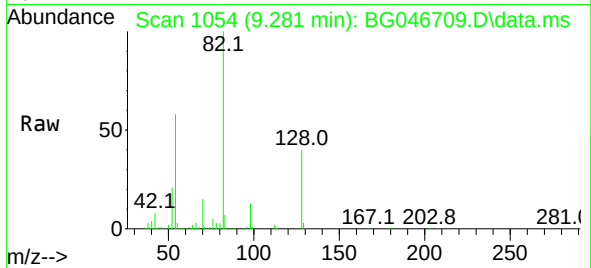




#23
Nitrobenzene-d5
Concen: 77.70 ng
RT: 9.281 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

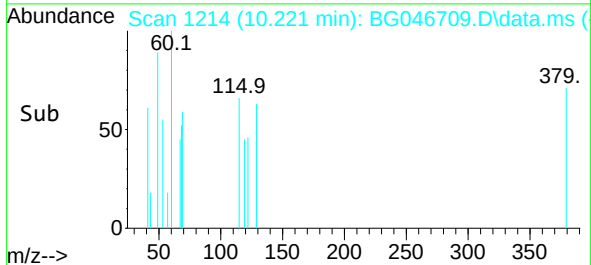
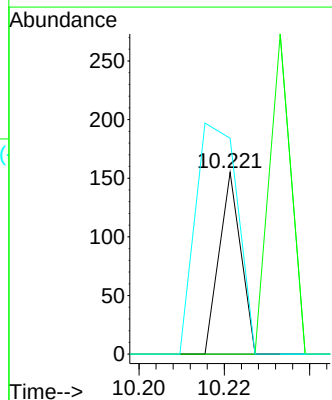
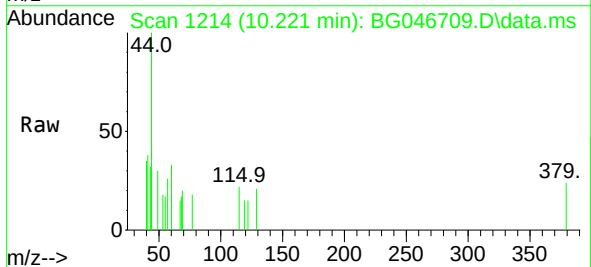
Instrument :
BNA_G
ClientSampleId :
CHRT-25603

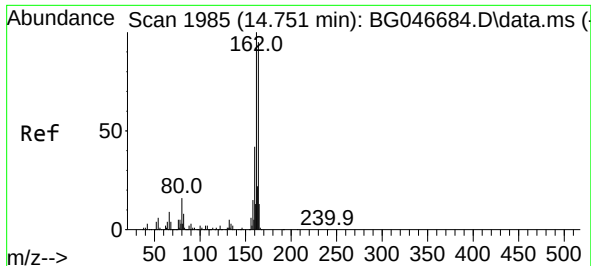
Tgt Ion: 82 Resp: 476290
Ion Ratio Lower Upper
82 100
128 39.6 37.0 55.6
54 58.2 39.0 58.4



#32
Benzoic acid
Concen: 6.36 ng
RT: 10.221 min Scan# 1214
Delta R.T. 0.012 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 118.7 63.0 103.0#

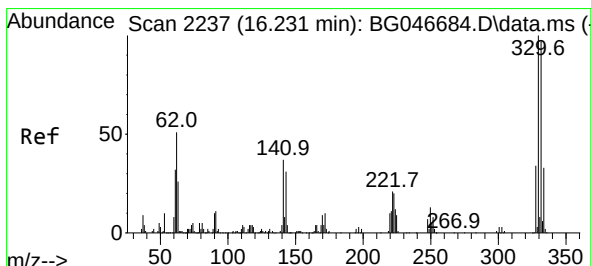
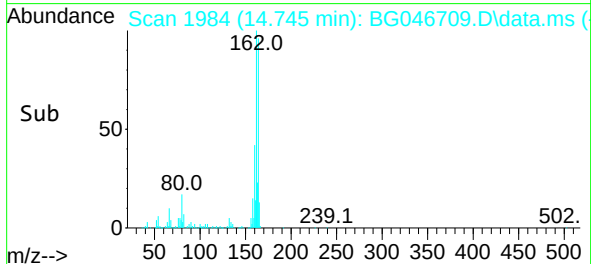
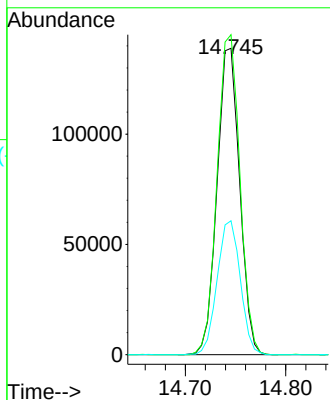
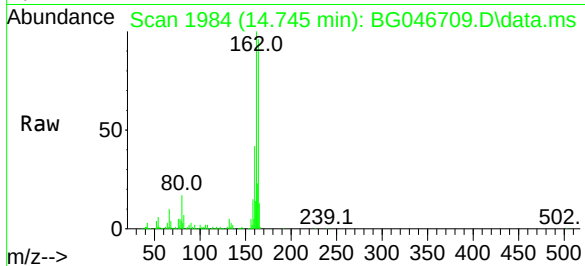




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

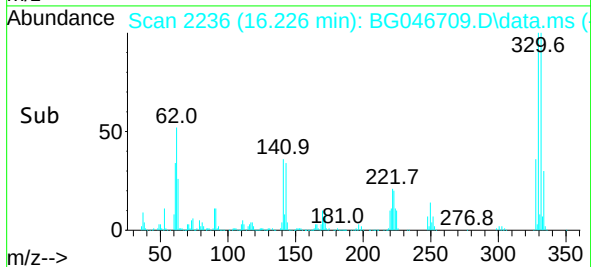
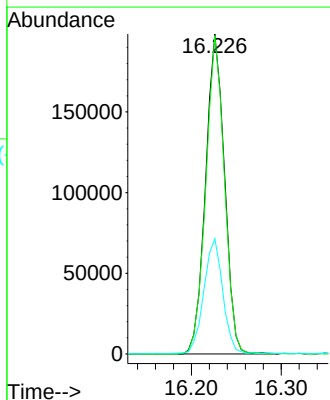
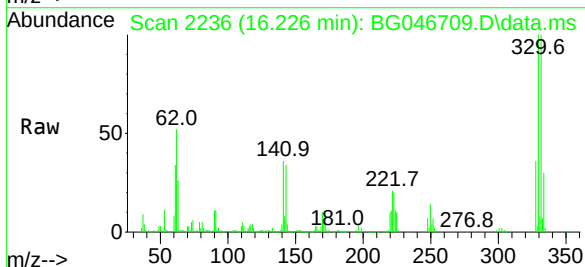
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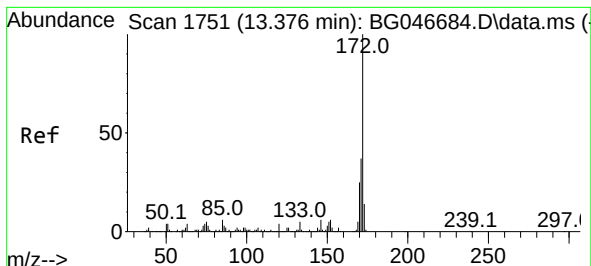
Tgt Ion:164 Resp: 217212
Ion Ratio Lower Upper
164 100
162 104.4 82.3 123.5
160 43.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 101.31 ng
RT: 16.226 min Scan# 2236
Delta R.T. -0.005 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

Tgt Ion:330 Resp: 290157
Ion Ratio Lower Upper
330 100
332 97.4 76.5 114.7
141 36.0 26.0 39.0

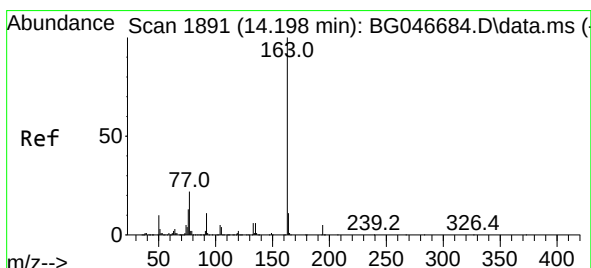
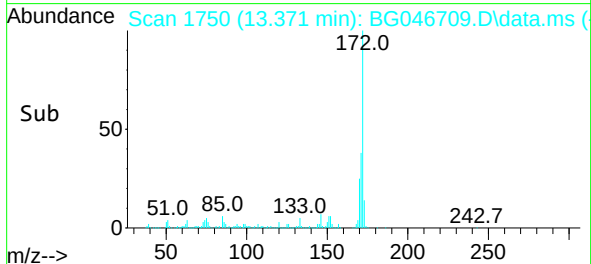
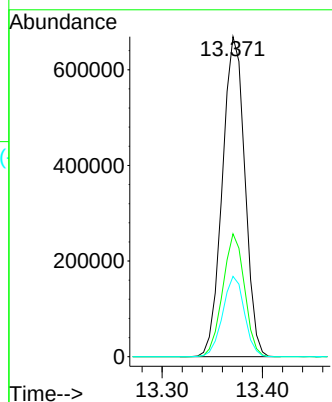
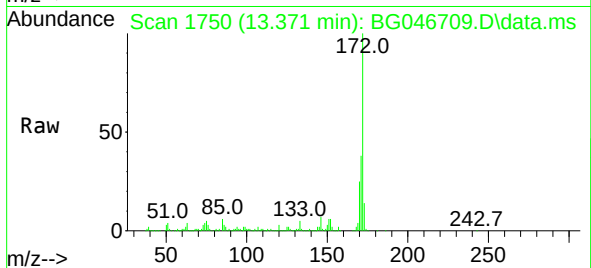




#45
2-Fluorobiphenyl
Concen: 67.84 ng
RT: 13.371 min Scan# 1750
Delta R.T. -0.005 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

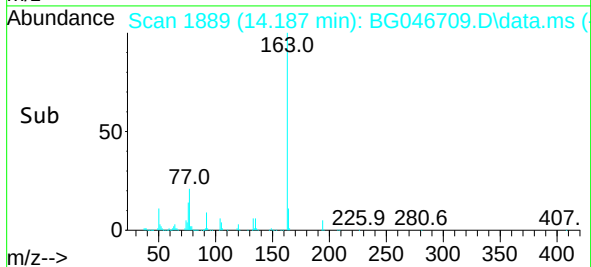
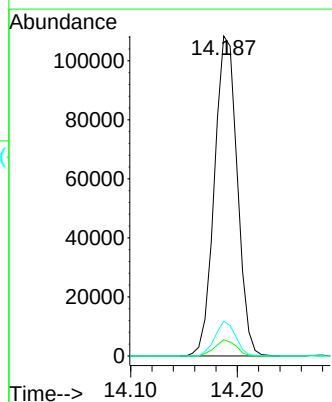
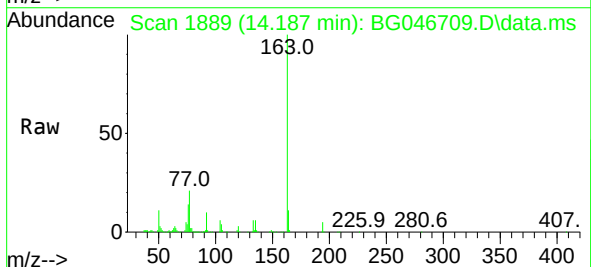
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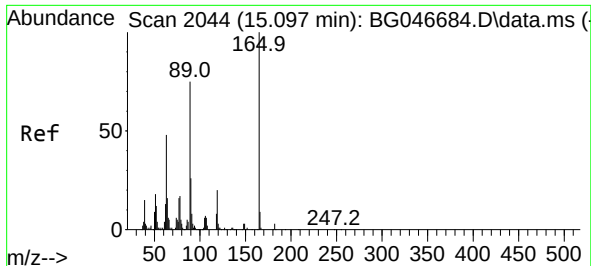
Tgt Ion:172 Resp: 1040799
Ion Ratio Lower Upper
172 100
171 38.4 31.3 46.9
170 25.1 20.8 31.2



#50
Dimethylphthalate
Concen: 9.26 ng
RT: 14.187 min Scan# 1889
Delta R.T. -0.011 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

Tgt Ion:163 Resp: 160623
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.8
164 10.9 8.8 13.2

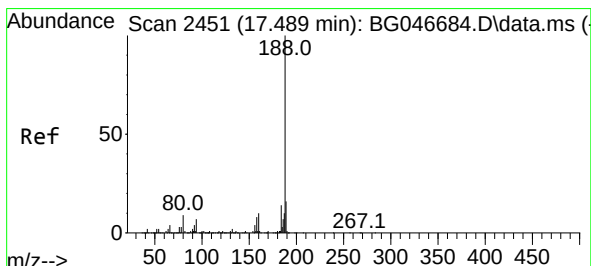
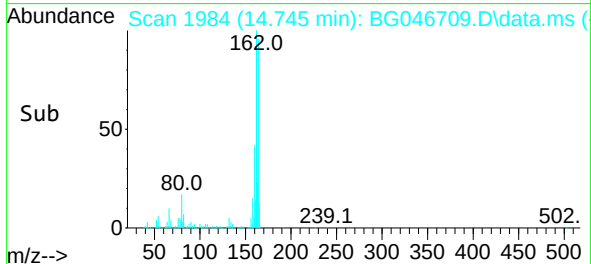
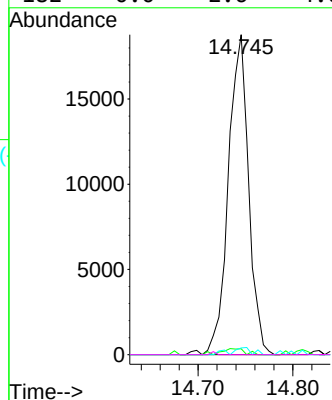
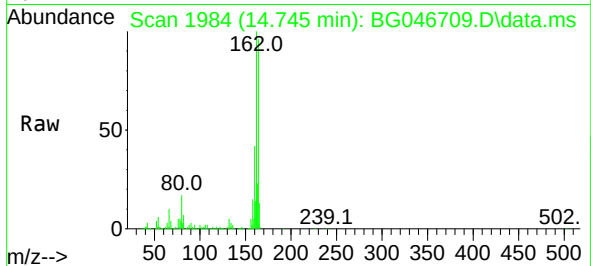




#57
2,4-Dinitrotoluene
Concen: 7.48 ng
RT: 14.745 min Scan# 1984
Delta R.T. -0.352 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

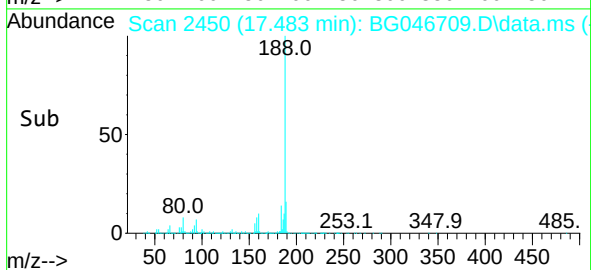
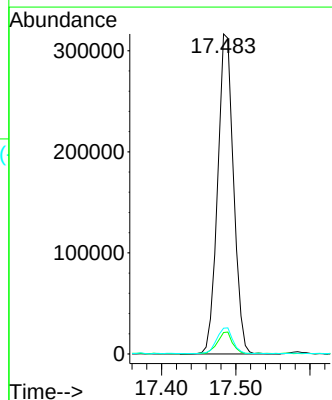
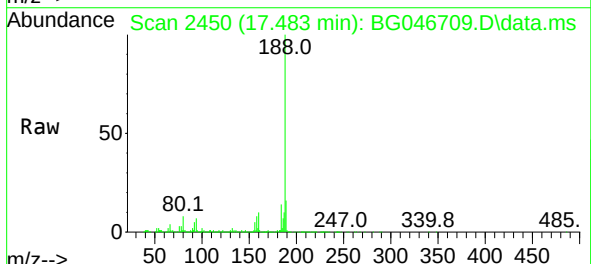
Instrument :
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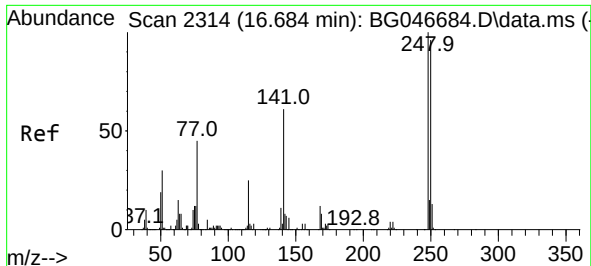
Tgt Ion:165 Resp: 27925
Ion Ratio Lower Upper
165 100
63 1.9 26.4 39.6#
89 2.1 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.483 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

Tgt Ion:188 Resp: 471206
Ion Ratio Lower Upper
188 100
94 6.7 6.3 9.5
80 8.1 7.0 10.6

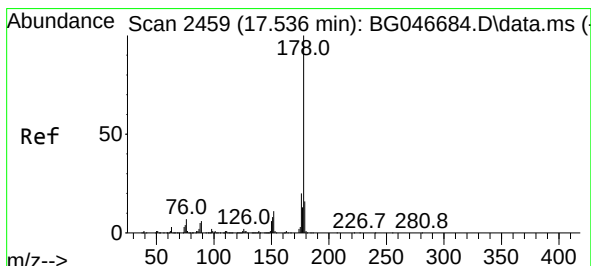
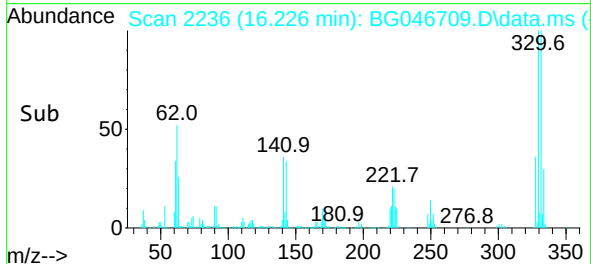
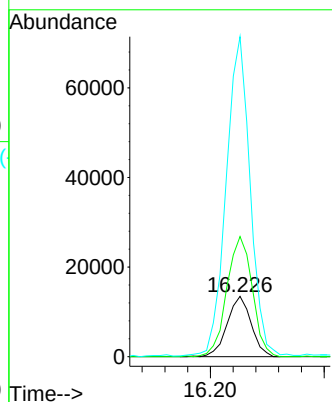
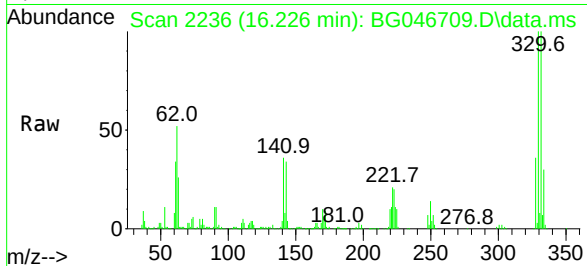




#67
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 16.226 min Scan# 2236
Delta R.T. -0.458 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

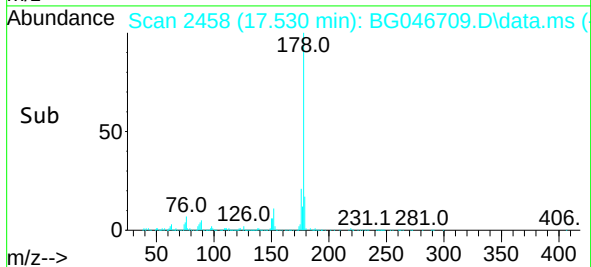
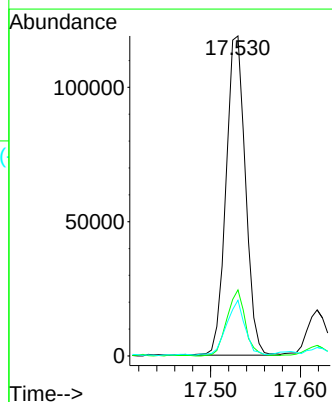
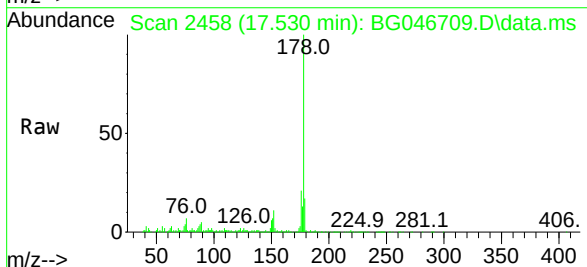
Instrument :
BNA_G
ClientSampleId :
CHRT-25603

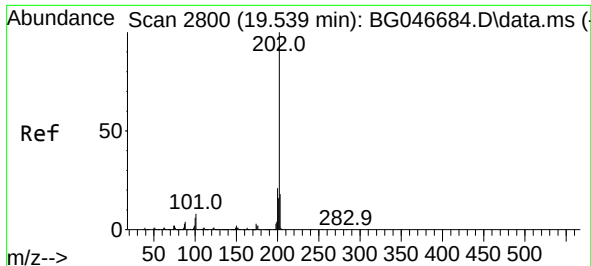
Tgt Ion:248 Resp: 19704
Ion Ratio Lower Upper
248 100
250 201.3 78.9 118.3#
141 405.4 46.2 69.4#



#71
Phenanthrene
Concen: 6.98 ng
RT: 17.530 min Scan# 2458
Delta R.T. -0.005 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

Tgt Ion:178 Resp: 178666
Ion Ratio Lower Upper
178 100
176 20.6 16.7 25.1
179 17.4 14.0 21.0

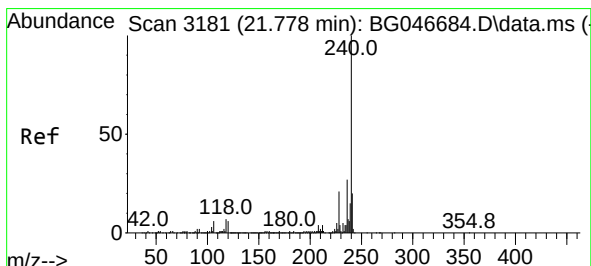
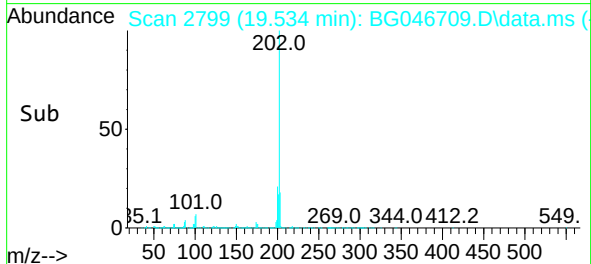
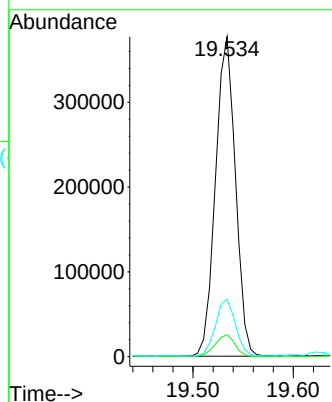
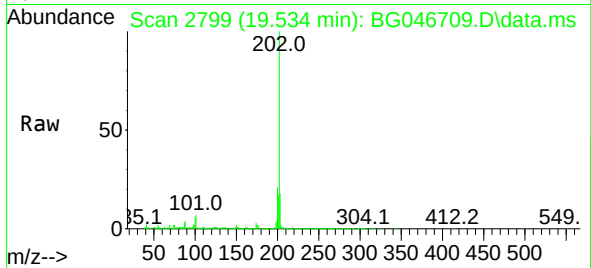




#75
Fluoranthene
Concen: 15.93 ng
RT: 19.534 min Scan# 2799
Delta R.T. -0.005 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

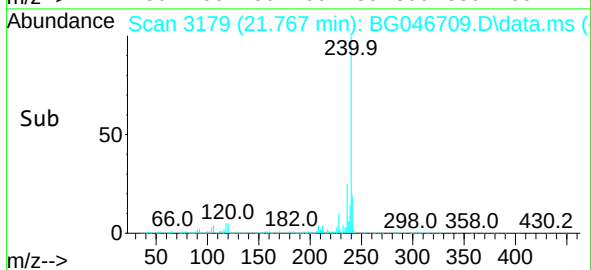
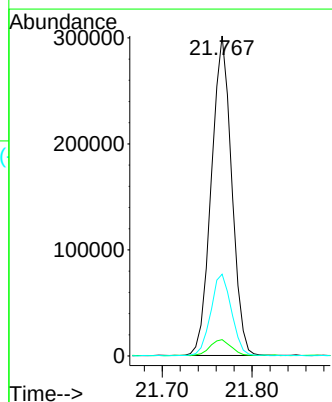
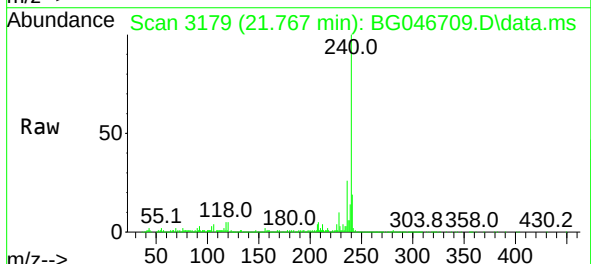
Instrument :
BNA_G
ClientSampleId :
CHRT-25603

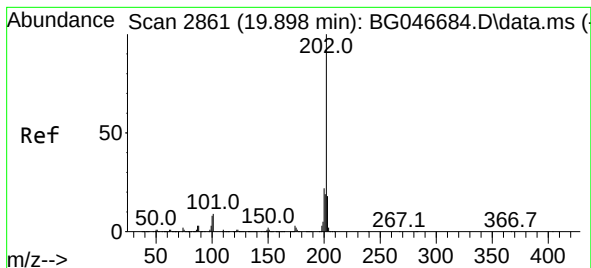
Tgt Ion:202 Resp: 518962
Ion Ratio Lower Upper
202 100
101 6.9 0.0 29.7
203 17.9 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.767 min Scan# 3179
Delta R.T. -0.011 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

Tgt Ion:240 Resp: 472518
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 25.6 20.5 30.7





#78

Pyrene

Concen: 14.11 ng

RT: 19.892 min Scan# 2860

Delta R.T. -0.005 min

Lab File: BG046709.D

Acq: 25 Sep 2020 19:50

Tgt Ion:202 Resp: 428425

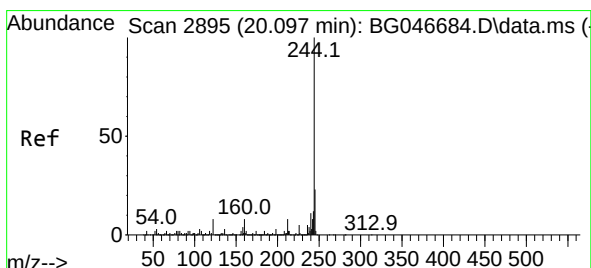
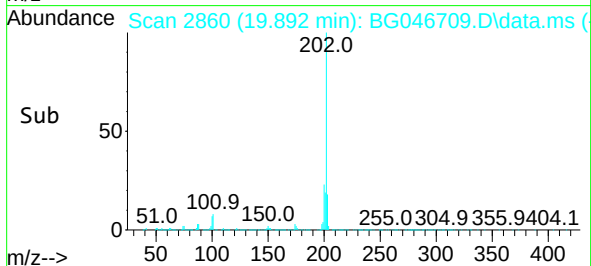
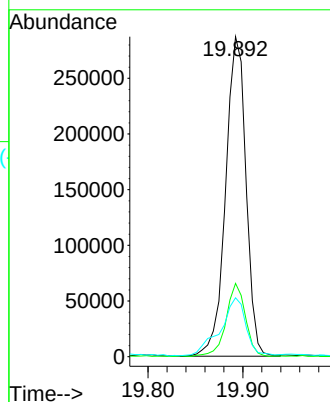
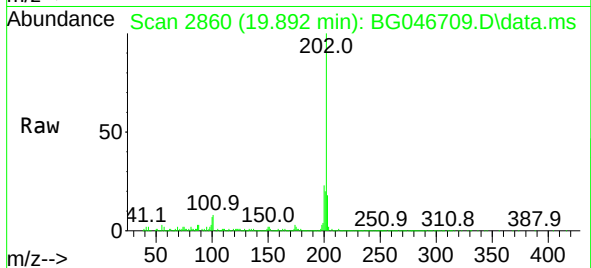
Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.6	27.8
203	18.4	15.3	22.9

Instrument :

BNA_G

ClientSampleId :

CHRT-25603



#79

Terphenyl-d14

Concen: 61.18 ng

RT: 20.092 min Scan# 2894

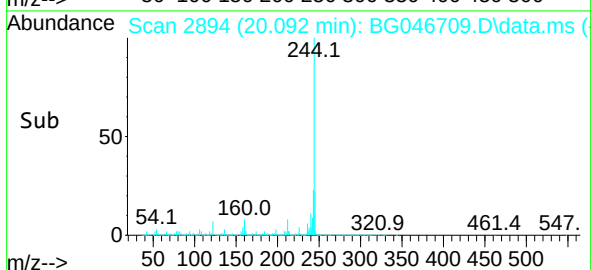
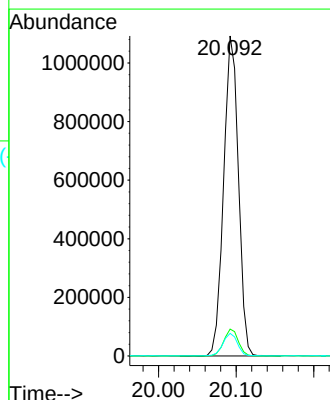
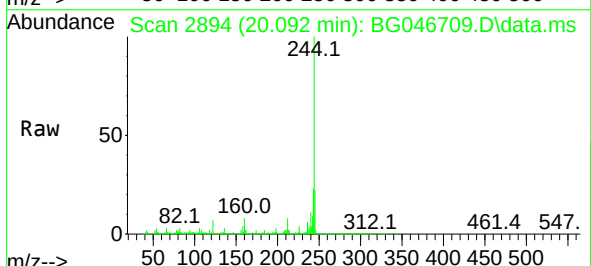
Delta R.T. -0.005 min

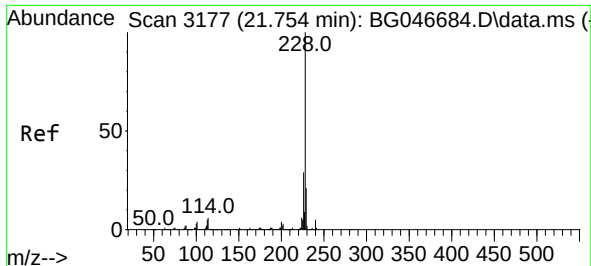
Lab File: BG046709.D

Acq: 25 Sep 2020 19:50

Tgt Ion:244 Resp: 1442431

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.7	10.1
122	7.0	7.8	11.6

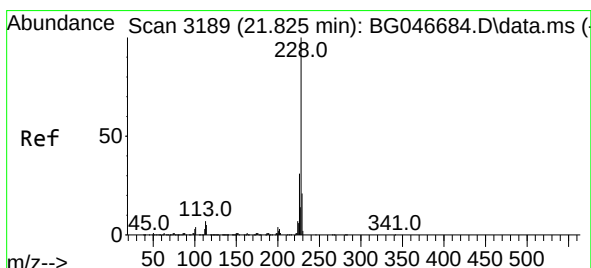
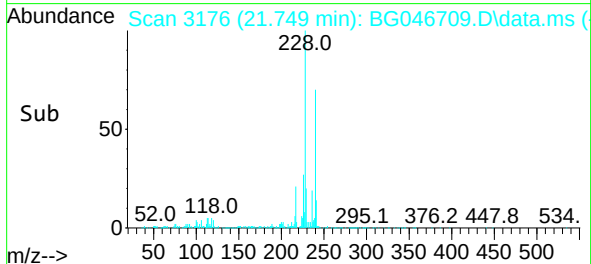
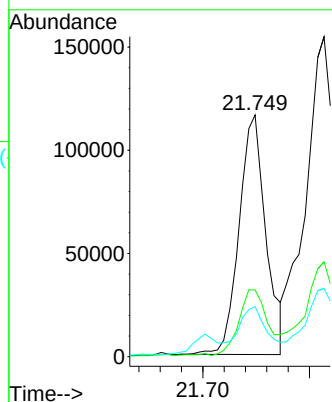
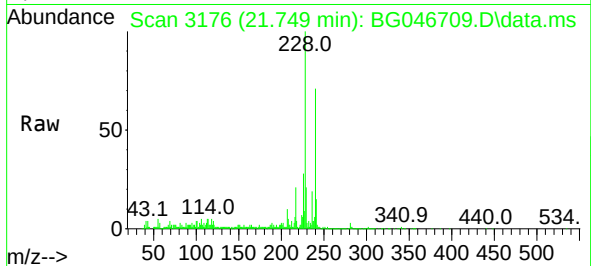




#81
Benzo(a)anthracene
Concen: 6.42 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.005 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

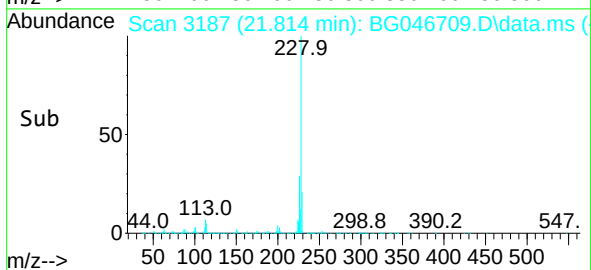
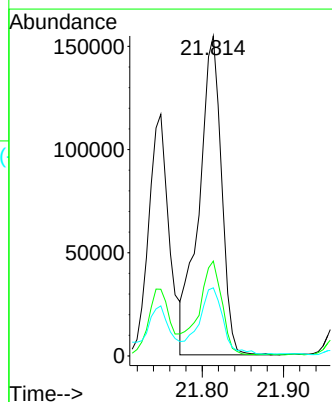
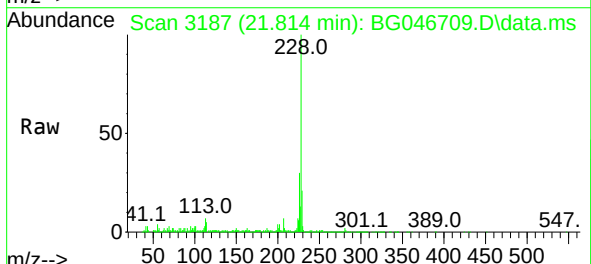
Instrument :
BNA_G
ClientSampleId :
CHRT-25603

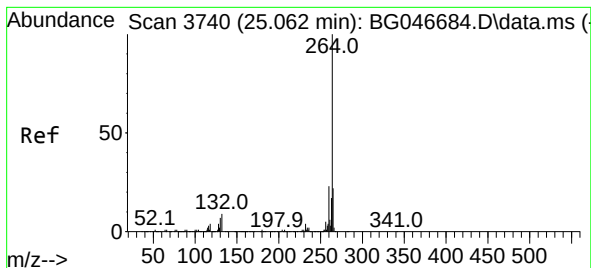
Tgt Ion:228 Resp: 202650
Ion Ratio Lower Upper
228 100
226 27.6 23.3 34.9
229 20.7 17.4 26.0



#83
Chrysene
Concen: 9.86 ng
RT: 21.814 min Scan# 3187
Delta R.T. -0.011 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

Tgt Ion:228 Resp: 297080
Ion Ratio Lower Upper
228 100
226 29.6 25.0 37.4
229 21.3 17.3 25.9





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.051 min Scan# 3738

Delta R.T. -0.011 min

Lab File: BG046709.D

Acq: 25 Sep 2020 19:50

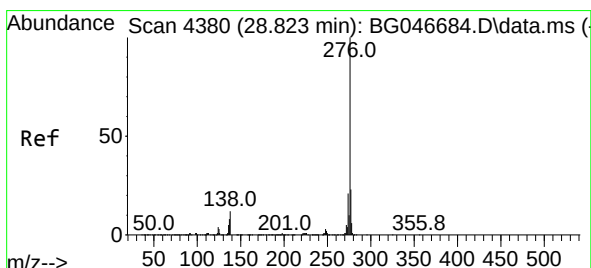
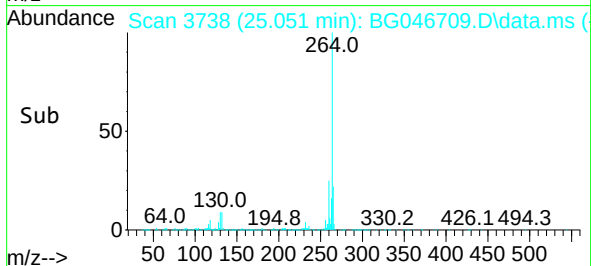
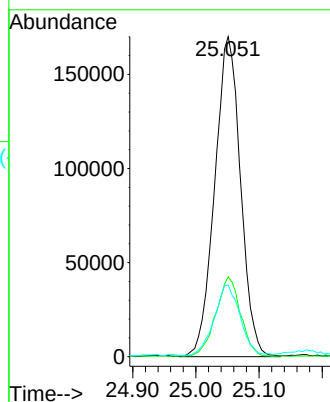
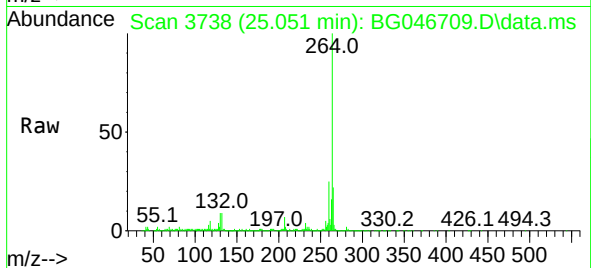
Tgt Ion:264 Resp: 482077

Ion Ratio Lower Upper

264 100

260 25.0 18.8 28.2

265 22.4 17.8 26.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 6.97 ng

RT: 28.794 min Scan# 4375

Delta R.T. -0.029 min

Lab File: BG046709.D

Acq: 25 Sep 2020 19:50

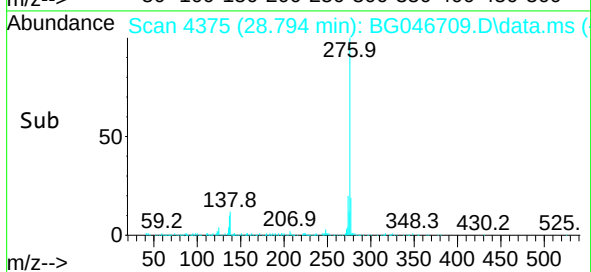
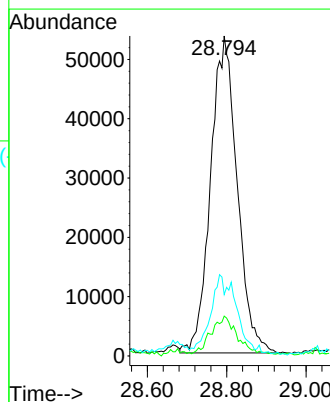
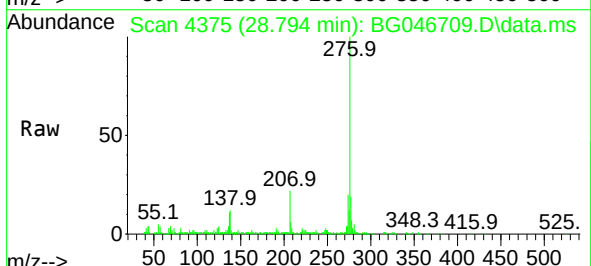
Tgt Ion:276 Resp: 248711

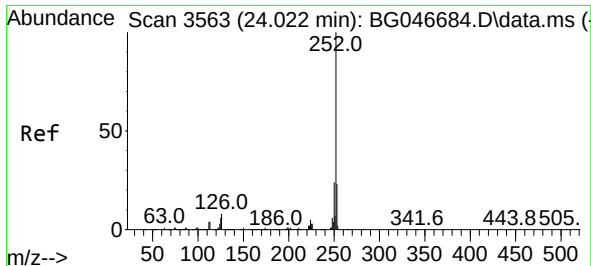
Ion Ratio Lower Upper

276 100

138 11.7 16.2 24.2#

277 14.6 20.3 30.5#

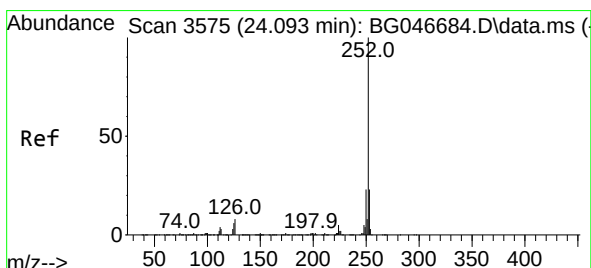
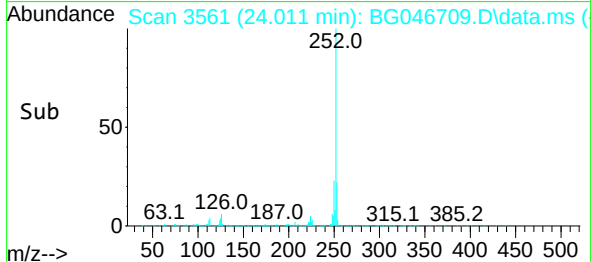
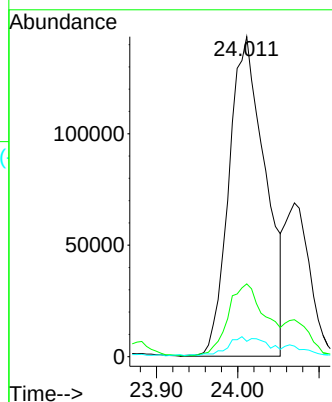
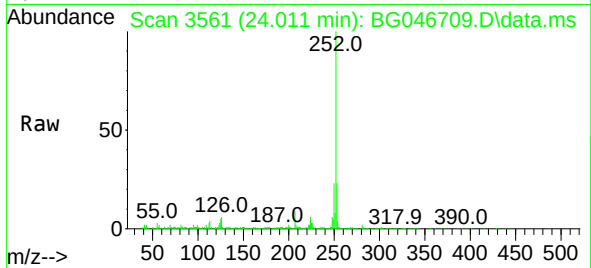




#88
Benzo(b)fluoranthene
Concen: 14.14 ng
RT: 24.011 min Scan# 3561
Delta R.T. -0.011 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

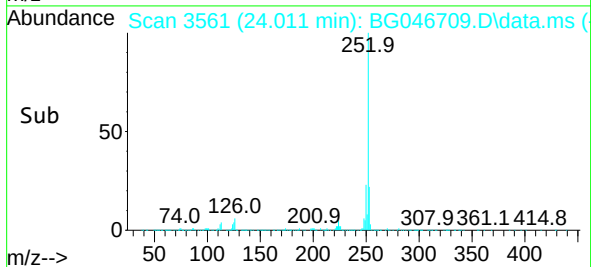
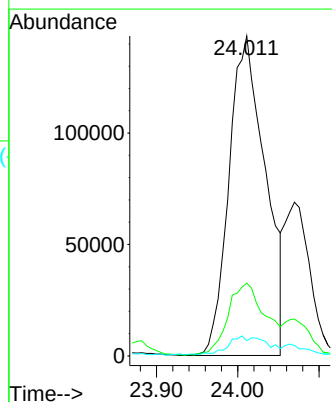
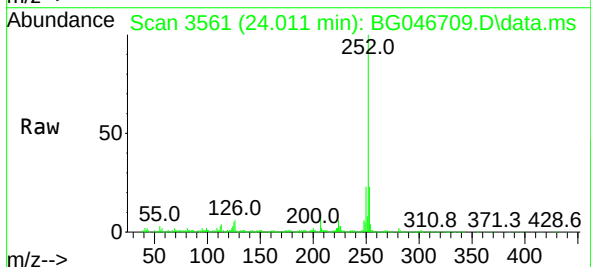
Instrument :
BNA_G
ClientSampleId :
CHRT-25603

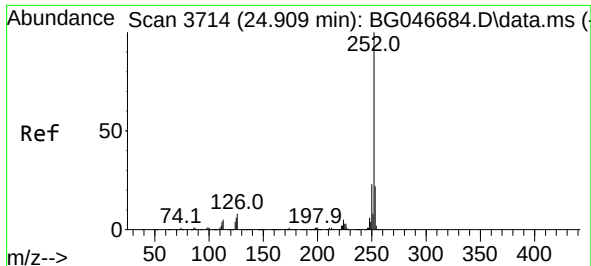
Tgt Ion:252 Resp: 446728
Ion Ratio Lower Upper
252 100
253 22.7 18.7 28.1
125 4.8 6.5 9.7#



#89
Benzo(k)fluoranthene
Concen: 14.71 ng
RT: 24.011 min Scan# 3561
Delta R.T. -0.082 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

Tgt Ion:252 Resp: 446728
Ion Ratio Lower Upper
252 100
253 22.7 18.6 27.8
125 4.8 6.8 10.2#

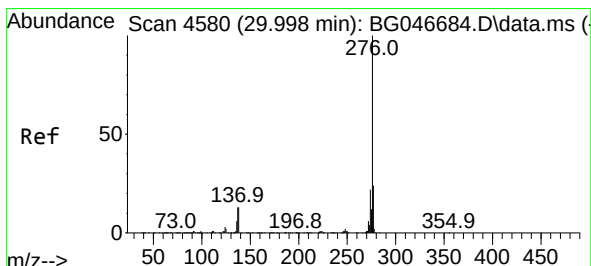
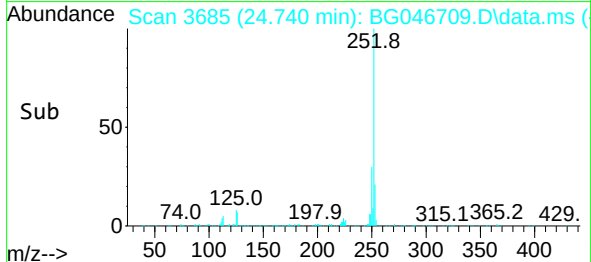
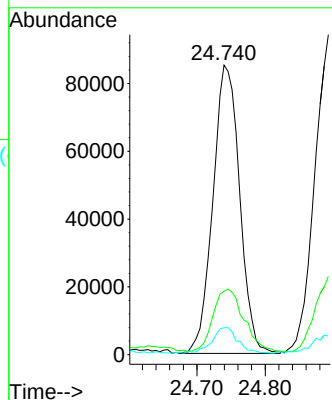
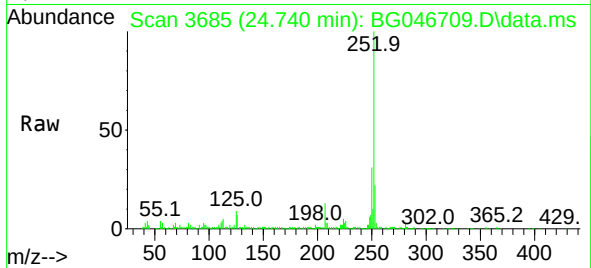




#90
Benzo(a)pyrene
Concen: 7.80 ng
RT: 24.740 min Scan# 3685
Delta R.T. -0.170 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

Instrument :
BNA_G
ClientSampleId :
CHRT-25603

Tgt Ion:252 Resp: 231930
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.3 7.0 10.4



#92
Benzo(g,h,i)perylene
Concen: 8.79 ng
RT: 29.969 min Scan# 4575
Delta R.T. -0.029 min
Lab File: BG046709.D
Acq: 25 Sep 2020 19:50

Tgt Ion:276 Resp: 250745
Ion Ratio Lower Upper
276 100
277 23.3 19.6 29.4
138 11.7 13.4 20.2#

