

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048865.D
 Acq On : 23 Apr 2021 16:10
 Operator : CG/JU
 Sample : M2119-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 352

Quant Time: Apr 23 16:49:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

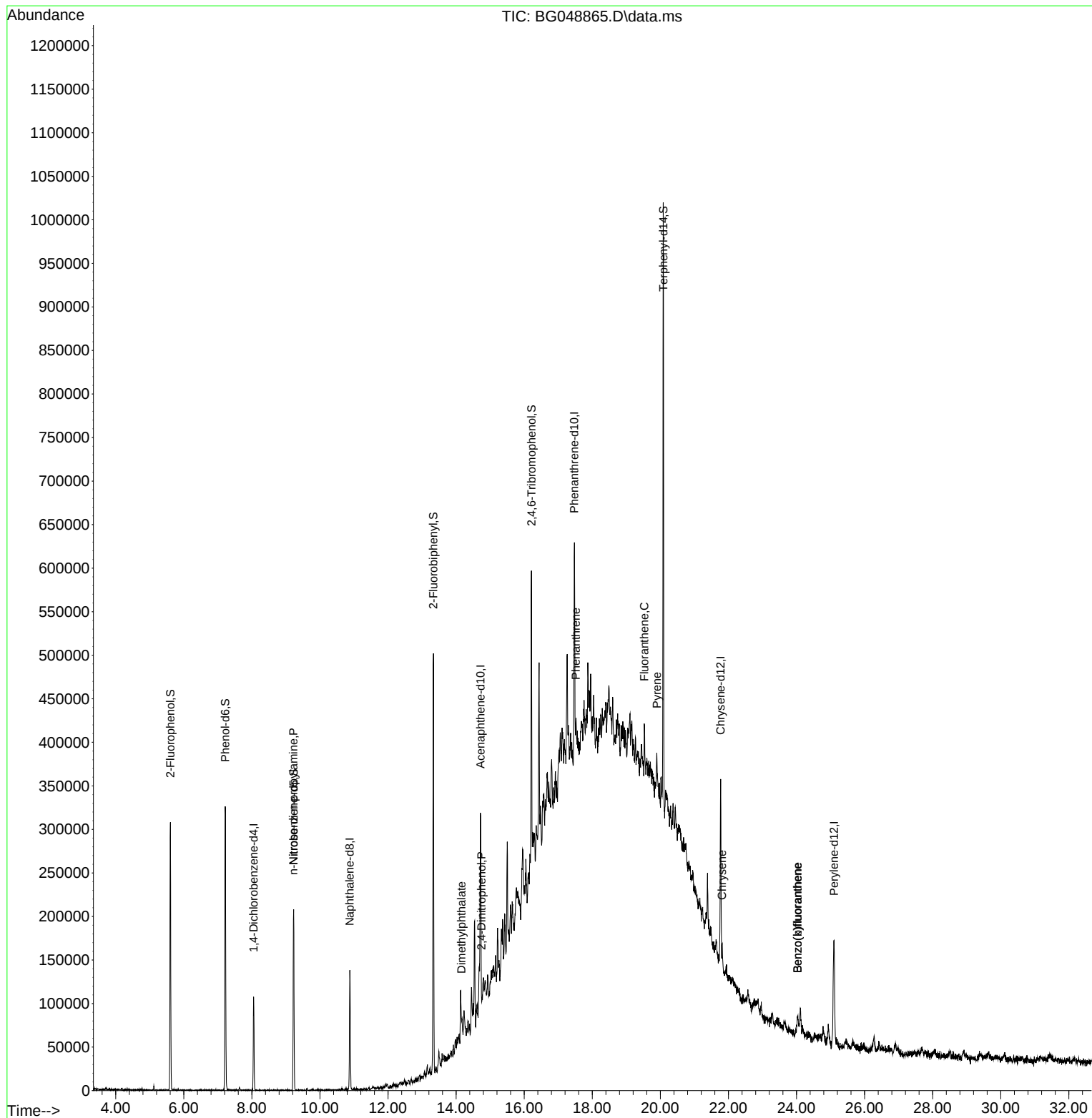
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	25168	20.00	ng	0.00
21) Naphthalene-d8	10.878	136	106904	20.00	ng	#-0.01
39) Acenaphthene-d10	14.715	164	64285	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	124098	20.00	ng	# 0.00
76) Chrysene-d12	21.771	240	123202	20.00	ng	0.00
86) Perylene-d12	25.103	264	125165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	120461	80.05	ng	0.00
7) Phenol-d6	7.218	99	161124	75.70	ng	0.00
23) Nitrobenzene-d5	9.227	82	121975	51.08	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	53517	62.09	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	236639	53.16	ng	0.00
79) Terphenyl-d14	20.085	244	301006	42.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.221	70	19712	13.73	ng	# 68
50) Dimethylphthalate	14.157	163	11372	2.36	ng	# 94
54) 2,4-Dinitrophenol	14.744	184	92	5.41	ng	# 73
71) Phenanthrene	17.518	178	16239	2.52	ng	94
75) Fluoranthene	19.533	202	31337	3.85	ng	98
78) Pyrene	19.897	202	28138	3.30	ng	97
83) Chrysene	21.813	228	18646	2.33	ng	95
88) Benzo(b)fluoranthene	24.028	252	25194	2.97	ng	# 84
89) Benzo(k)fluoranthene	24.028	252	25194	3.16	ng	# 89

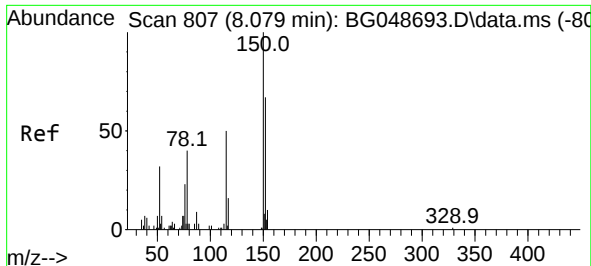
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 23 16:49:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

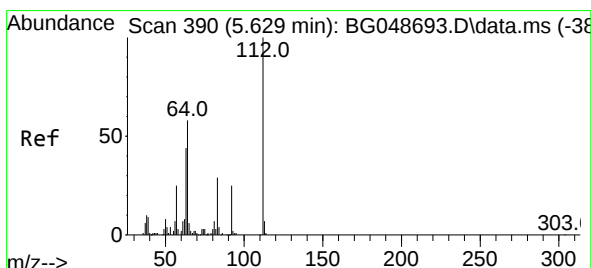
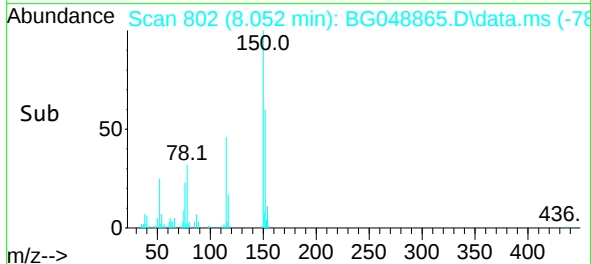
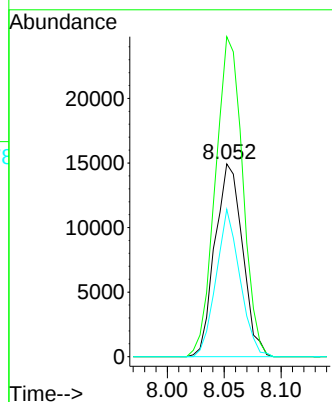
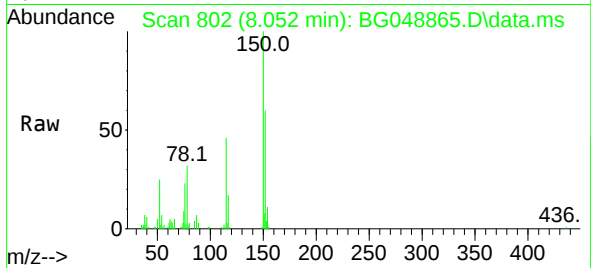




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.052 min Scan# 802
Delta R.T. -0.009 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

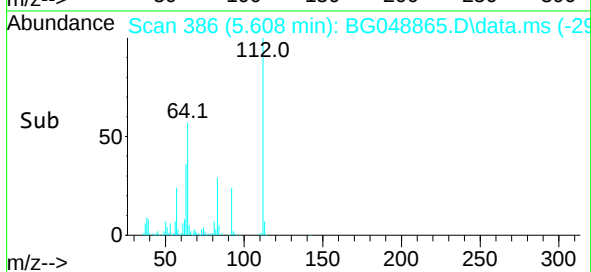
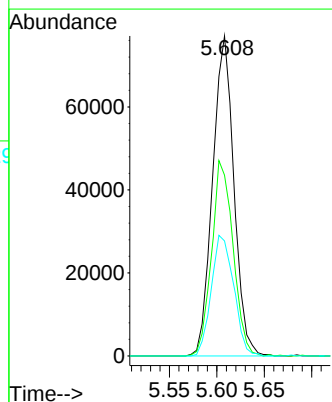
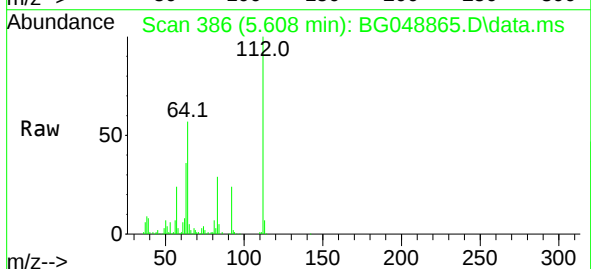
Instrument :
BNA_G
ClientSampleId :
352

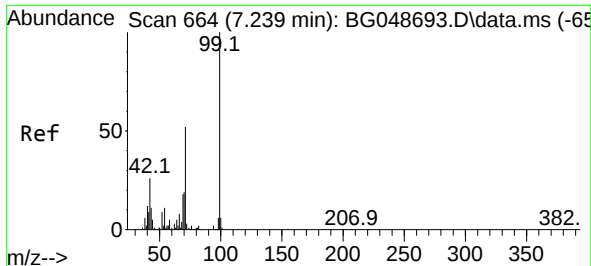
Tgt Ion:152 Resp: 25168
Ion Ratio Lower Upper
152 100
150 166.0 119.4 179.0
115 76.5 60.2 90.4



#5
2-Fluorophenol
Concen: 80.05 ng
RT: 5.608 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

Tgt Ion:112 Resp: 120461
Ion Ratio Lower Upper
112 100
64 56.5 46.7 70.1
63 35.9 35.3 52.9

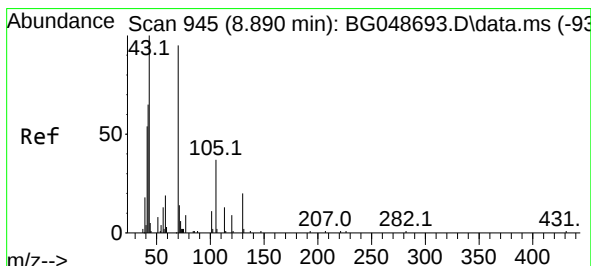
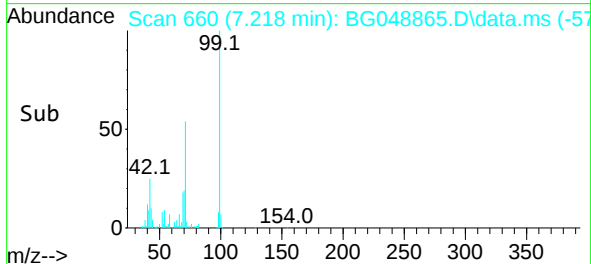
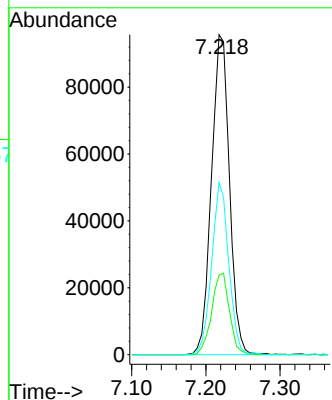
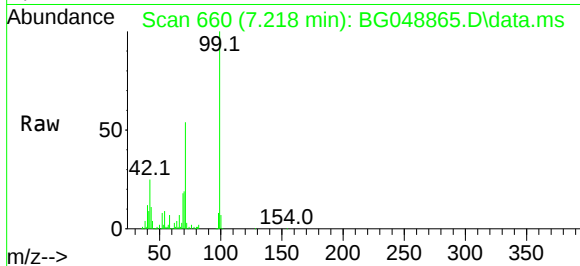




#7
Phenol-d6
Concen: 75.70 ng
RT: 7.218 min Scan# 660
Delta R.T. -0.003 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

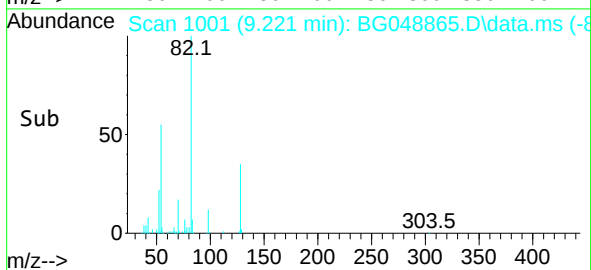
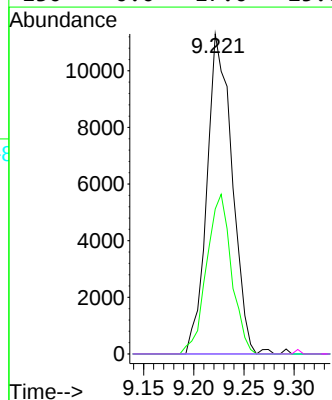
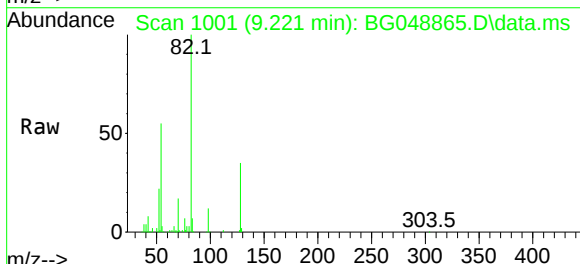
Instrument :
BNA_G
ClientSampleId :
352

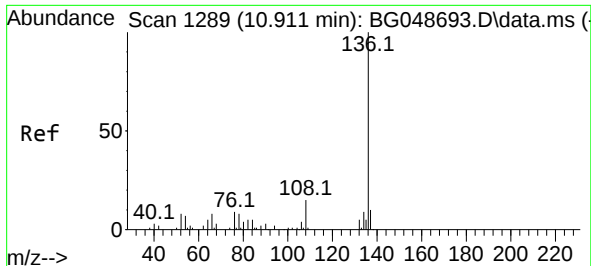
Tgt Ion: 99 Resp: 161124
Ion Ratio Lower Upper
99 100
42 24.9 20.5 30.7
71 53.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.73 ng
RT: 9.221 min Scan# 1001
Delta R.T. 0.349 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

Tgt Ion: 70 Resp: 19712
Ion Ratio Lower Upper
70 100
42 45.3 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

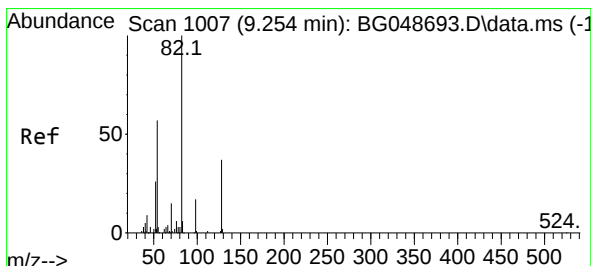
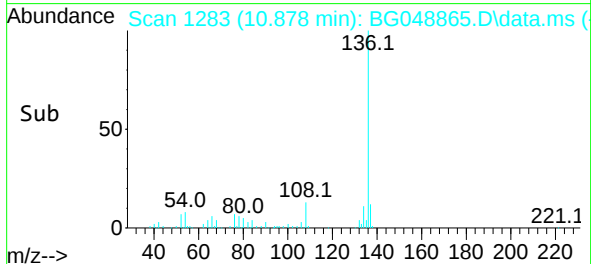
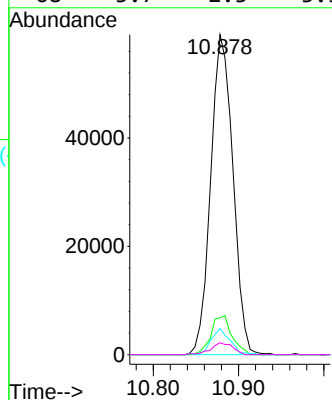
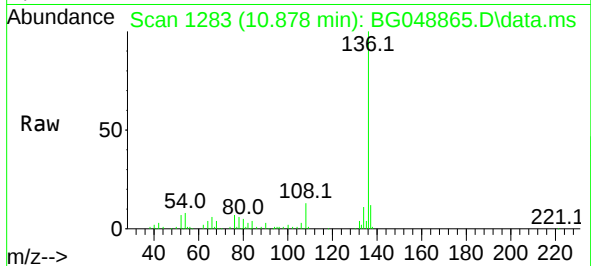




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.878 min Scan# 1283
Delta R.T. -0.015 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

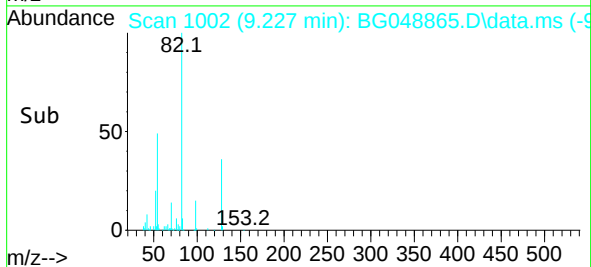
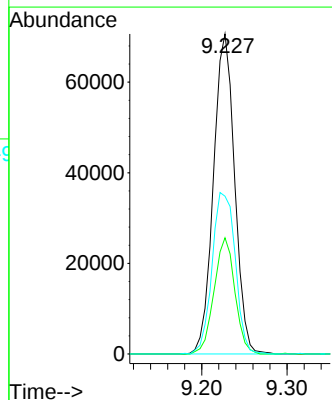
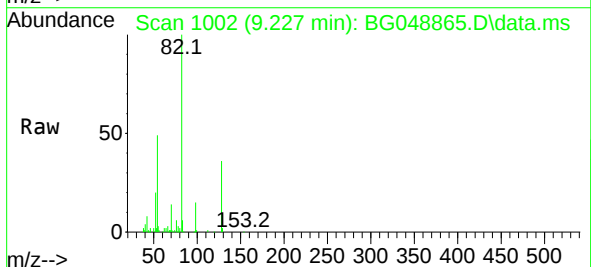
Instrument :
BNA_G
ClientSampleId :
352

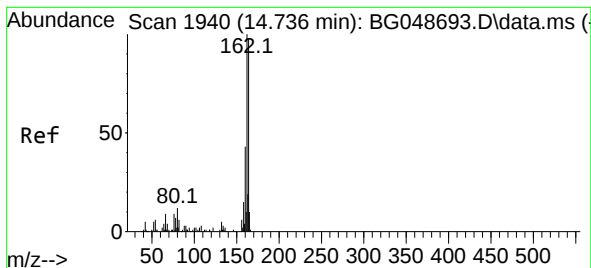
Tgt Ion:	136	Resp:	106904
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.2	12.2
54	8.2	5.5	8.3
68	3.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 51.08 ng
RT: 9.227 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

Tgt Ion:	82	Resp:	121975
Ion Ratio	Lower	Upper	
82	100		
128	36.3	29.8	44.6
54	49.3	45.8	68.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.715 min Scan# 1936

Delta R.T. -0.009 min

Lab File: BG048865.D

Acq: 23 Apr 2021 16:10

Instrument :

BNA_G

ClientSampleId :

352

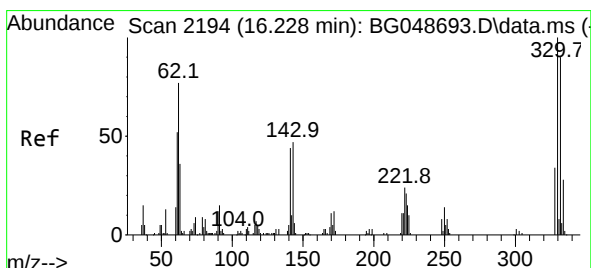
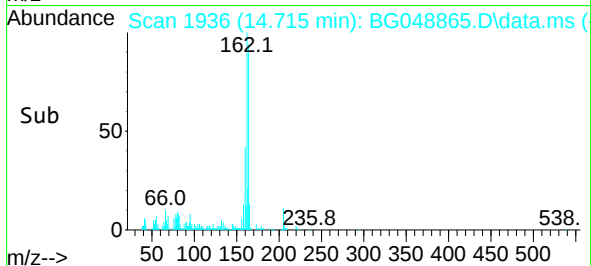
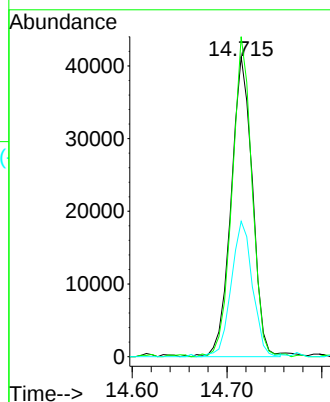
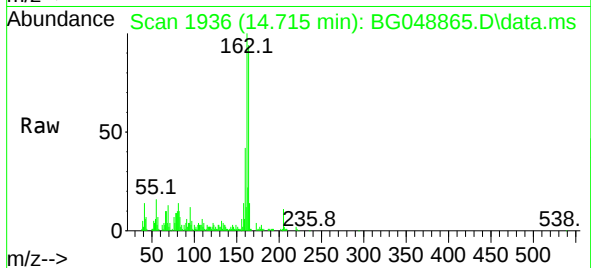
Tgt Ion:164 Resp: 64285

Ion Ratio Lower Upper

164 100

162 106.6 81.4 122.0

160 45.1 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 62.09 ng

RT: 16.213 min Scan# 2191

Delta R.T. -0.003 min

Lab File: BG048865.D

Acq: 23 Apr 2021 16:10

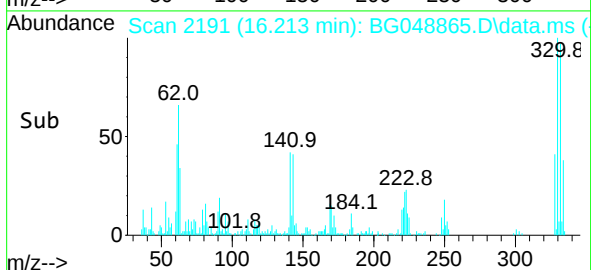
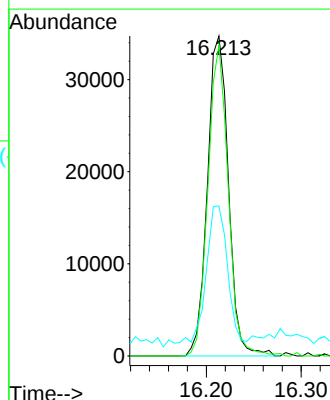
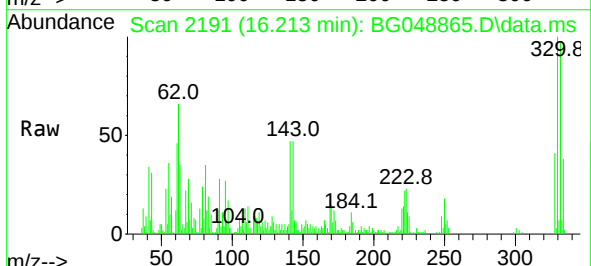
Tgt Ion:330 Resp: 53517

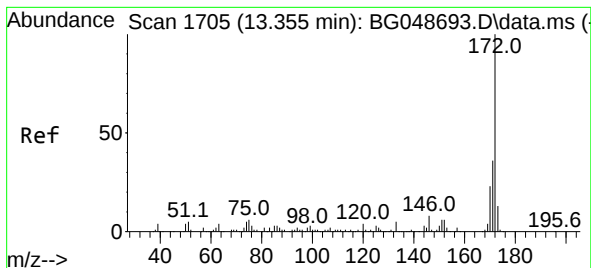
Ion Ratio Lower Upper

330 100

332 93.3 77.3 115.9

141 44.0 35.6 53.4

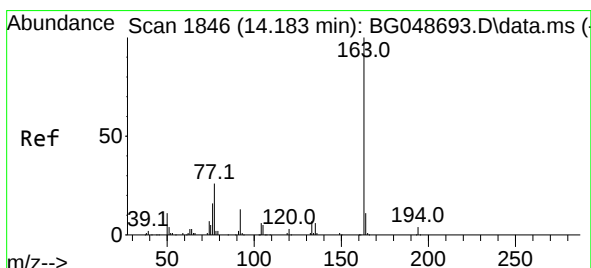
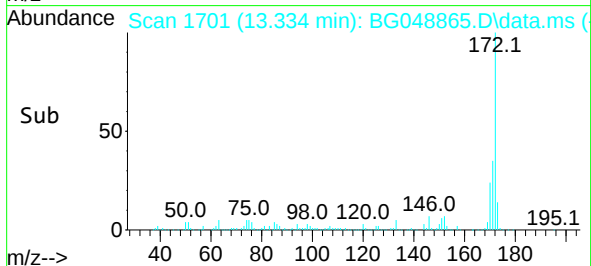
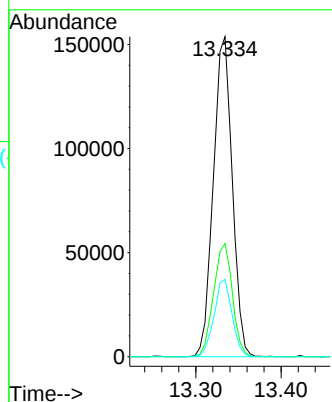
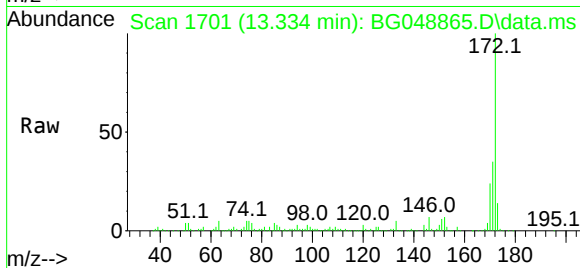




#45
2-Fluorobiphenyl
Concen: 53.16 ng
RT: 13.334 min Scan# 1701
Delta R.T. -0.009 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

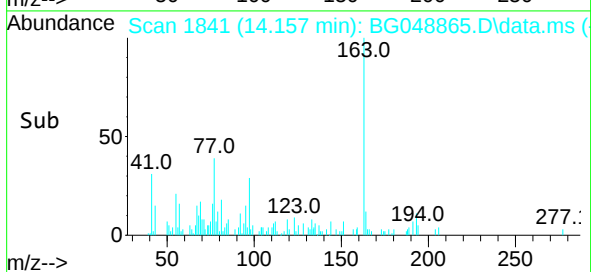
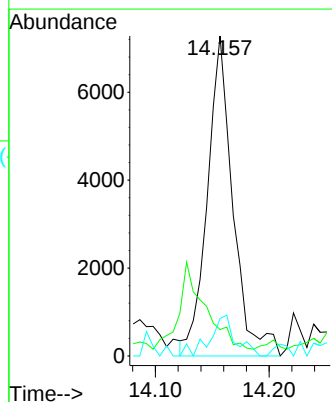
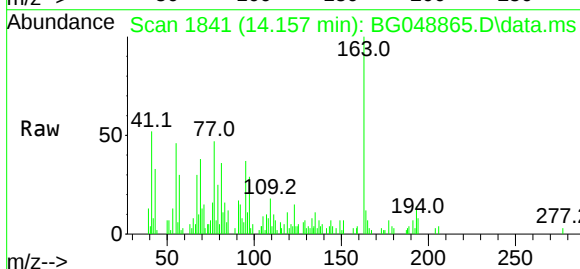
Instrument :
BNA_G
ClientSampleId :
352

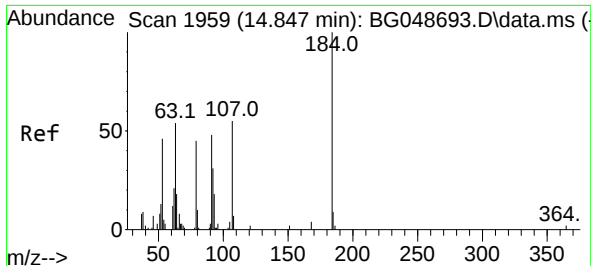
Tgt Ion:	172	Resp:	236639
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.6	43.0
170	24.2	18.6	27.8



#50
Dimethylphthalate
Concen: 2.36 ng
RT: 14.157 min Scan# 1841
Delta R.T. -0.015 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

Tgt Ion:	163	Resp:	11372
Ion Ratio	Lower	Upper	
163	100		
194	8.3	3.0	4.6#
164	11.7	8.6	12.8

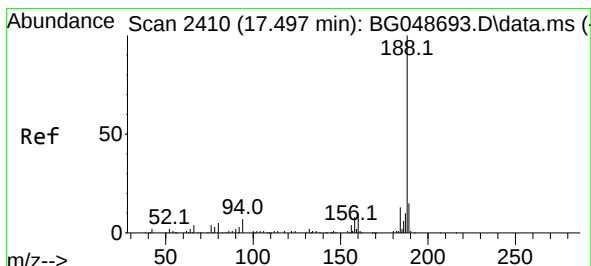
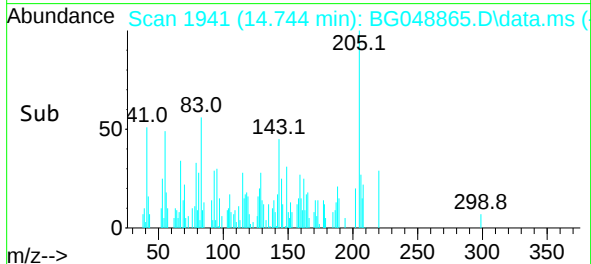
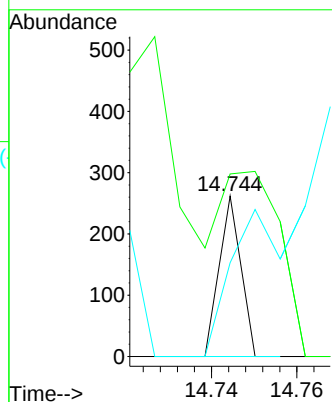
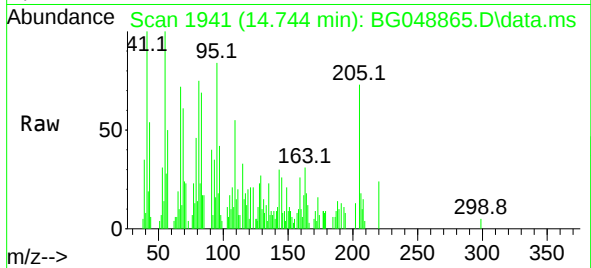




#54
2,4-Dinitrophenol
Concen: 5.41 ng
RT: 14.744 min Scan# 1941
Delta R.T. -0.091 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

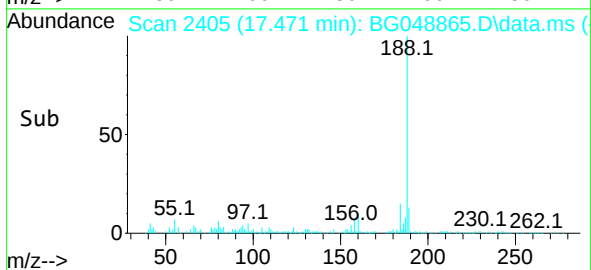
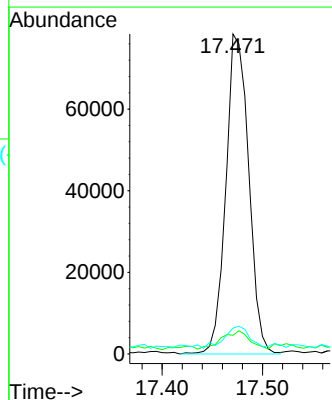
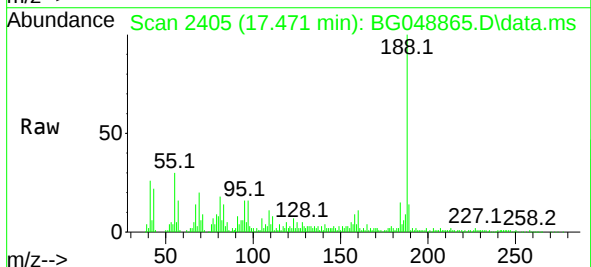
Instrument :
BNA_G
ClientSampled :
352

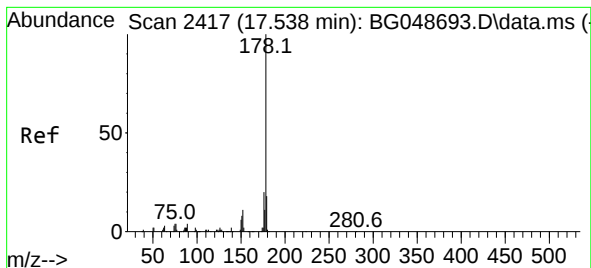
Tgt Ion:184 Resp: 92
Ion Ratio Lower Upper
184 100
63 113.7 68.3 102.5#
154 58.4 62.6 93.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

Tgt Ion:188 Resp: 124098
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 8.1 3.7 5.5#

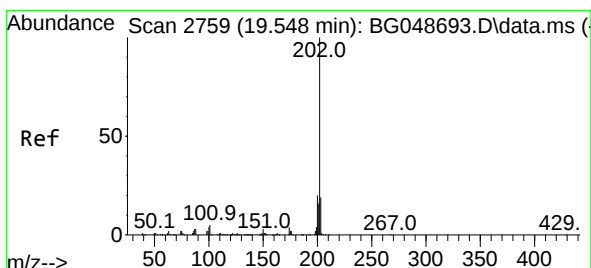
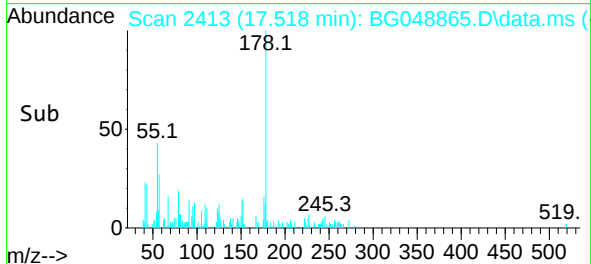
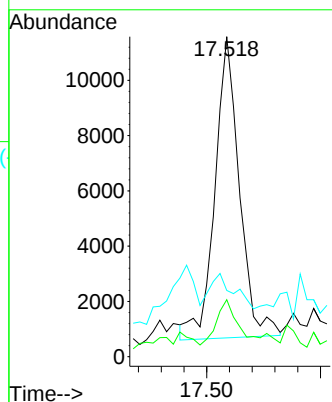
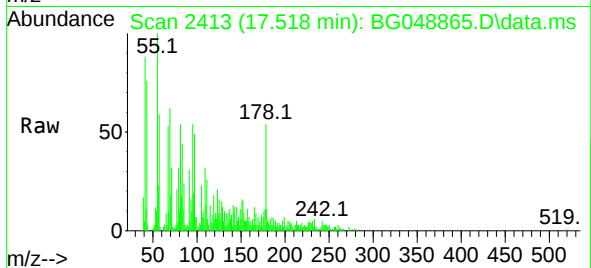




#71
Phenanthrene
Concen: 2.52 ng
RT: 17.518 min Scan# 2413
Delta R.T. -0.003 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

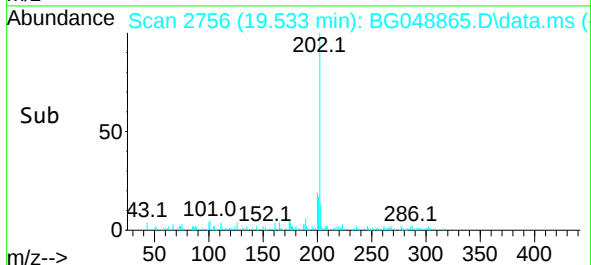
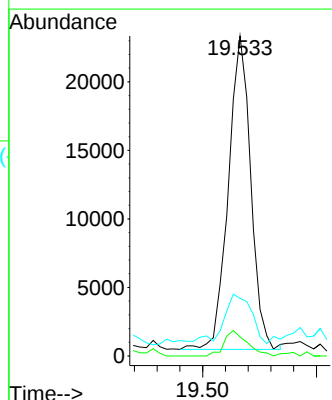
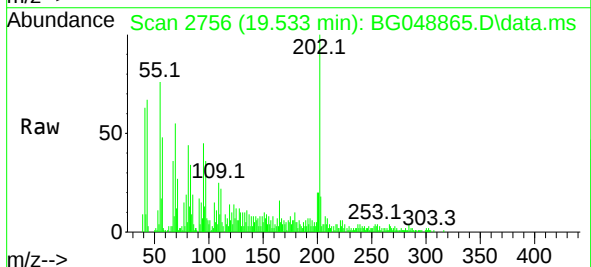
Instrument :
BNA_G
ClientSampled :
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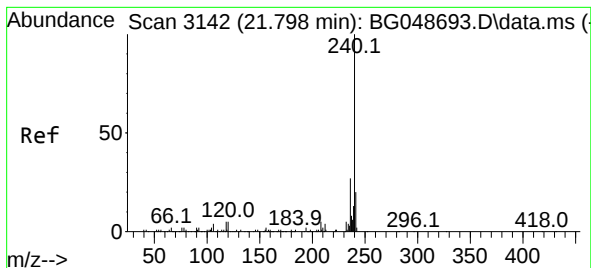
Tgt Ion:178 Resp: 16239
Ion Ratio Lower Upper
178 100
176 17.8 16.0 24.0
179 20.7 14.2 21.4



#75
Fluoranthene
Concen: 3.85 ng
RT: 19.533 min Scan# 2756
Delta R.T. -0.003 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

Tgt Ion:202 Resp: 31337
Ion Ratio Lower Upper
202 100
101 5.9 0.0 24.7
203 18.0 0.0 38.5

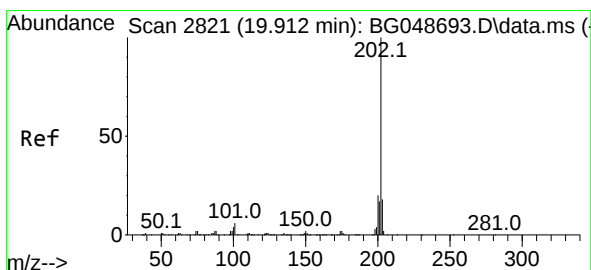
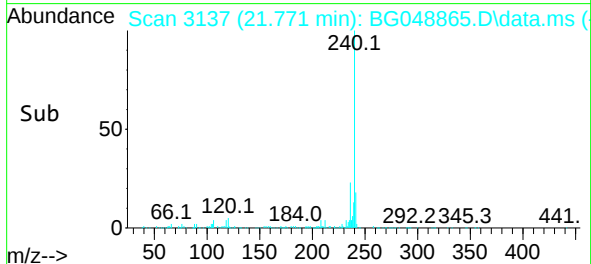
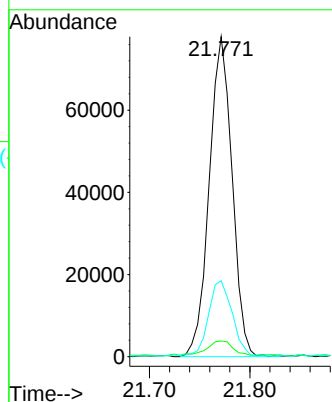
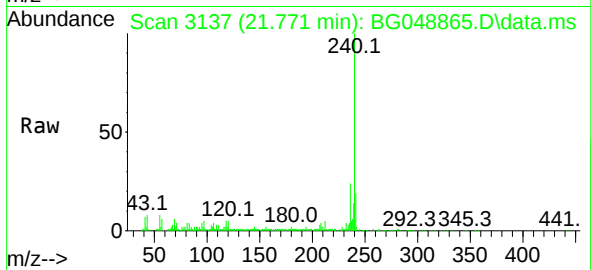




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.771 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

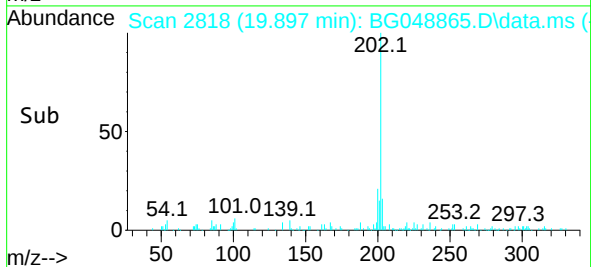
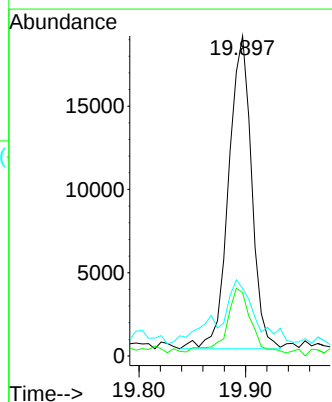
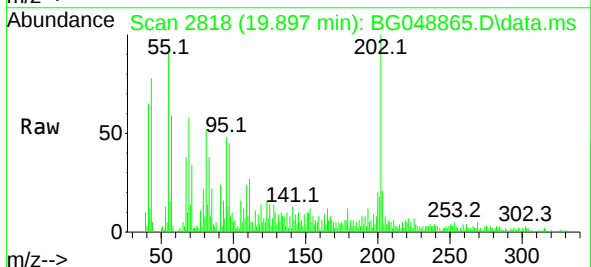
Instrument :
BNA_G
ClientSampleId :
352

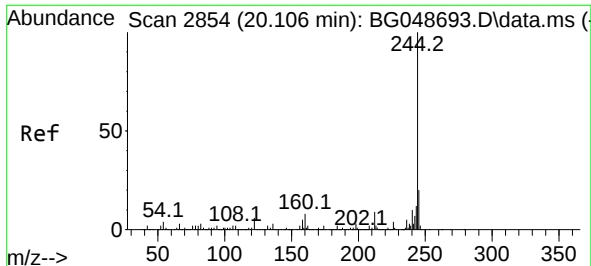
Tgt Ion:240 Resp: 123202
Ion Ratio Lower Upper
240 100
120 6.2 4.2 6.2
236 23.7 21.8 32.6



#78
Pyrene
Concen: 3.30 ng
RT: 19.897 min Scan# 2818
Delta R.T. -0.003 min
Lab File: BG048865.D
Acq: 23 Apr 2021 16:10

Tgt Ion:202 Resp: 28138
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.8
203 21.1 14.6 21.8

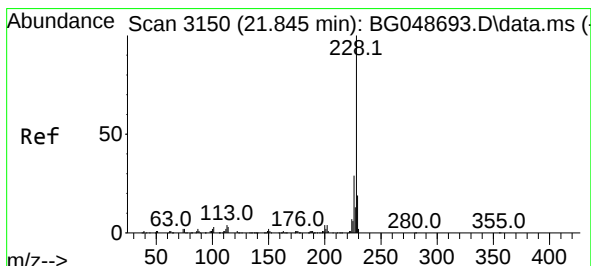
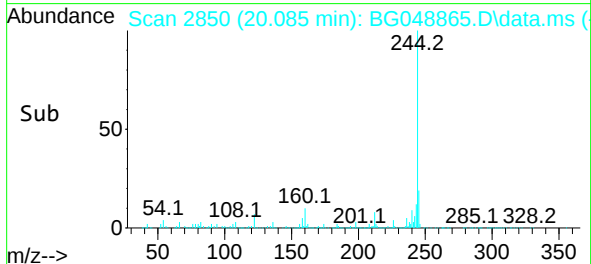
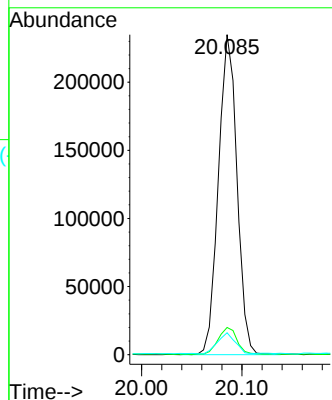
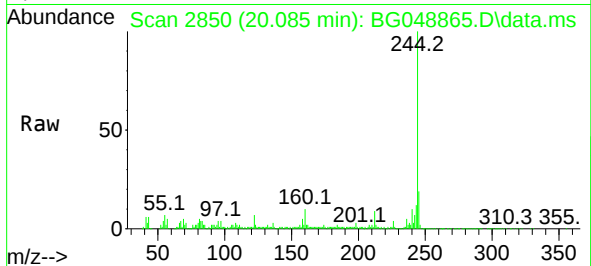




#79
 Terphenyl-d14
 Concen: 42.05 ng
 RT: 20.085 min Scan# 2850
 Delta R.T. -0.009 min
 Lab File: BG048865.D
 Acq: 23 Apr 2021 16:10

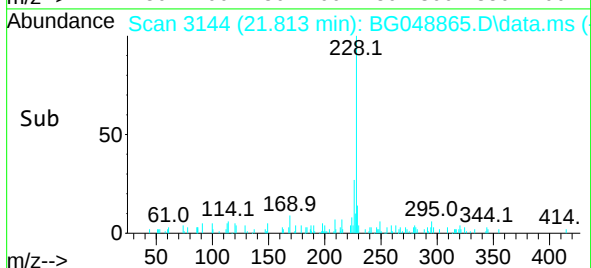
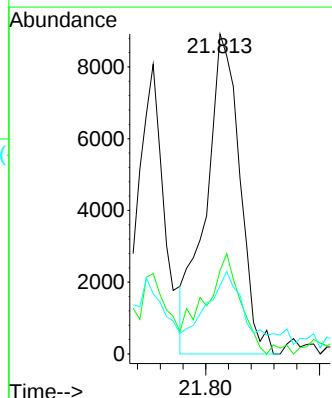
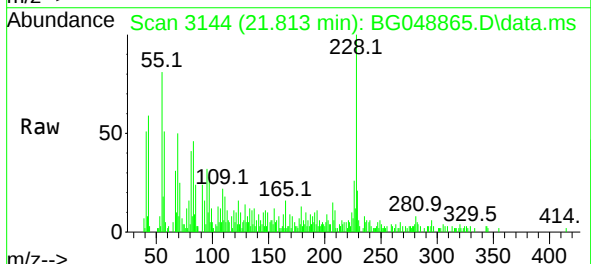
Instrument :
 BNA_G
 ClientSampled :
 352

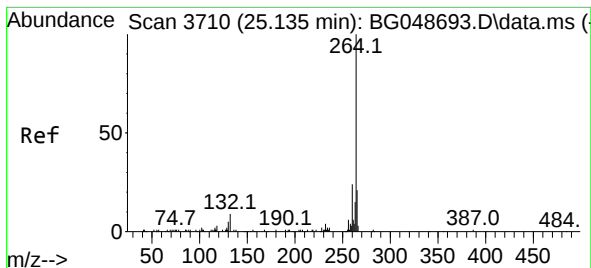
Tgt Ion:244 Resp: 301006
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 6.9 5.0 7.6



#83
 Chrysene
 Concen: 2.33 ng
 RT: 21.813 min Scan# 3144
 Delta R.T. -0.015 min
 Lab File: BG048865.D
 Acq: 23 Apr 2021 16:10

Tgt Ion:228 Resp: 18646
 Ion Ratio Lower Upper
 228 100
 226 26.0 23.1 34.7
 229 21.3 15.3 22.9

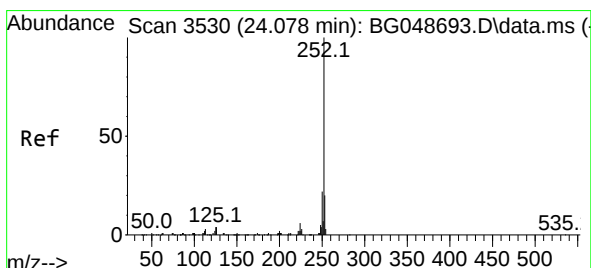
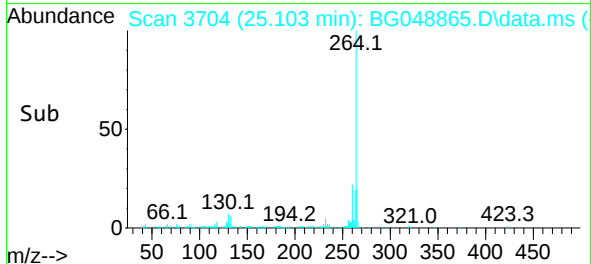
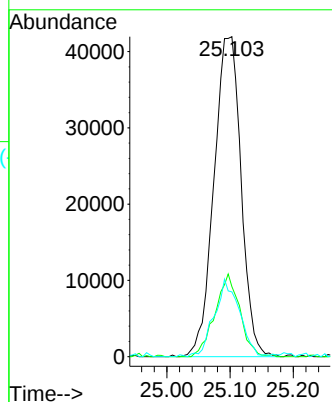
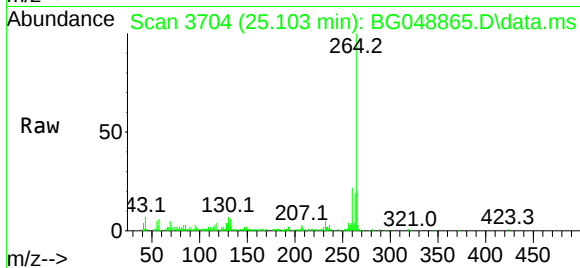




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.103 min Scan# 3704
 Delta R.T. -0.009 min
 Lab File: BG048865.D
 Acq: 23 Apr 2021 16:10

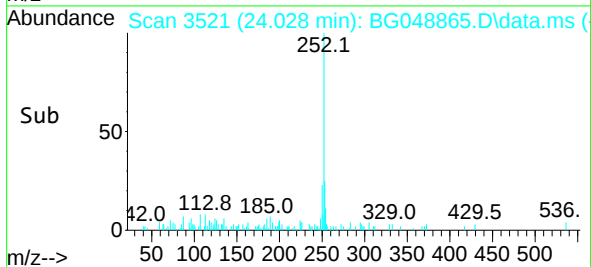
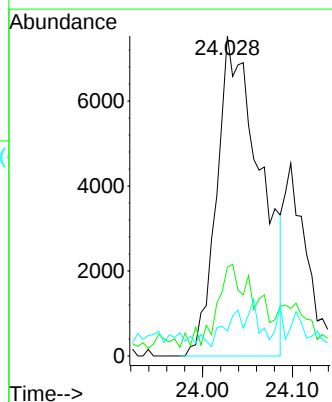
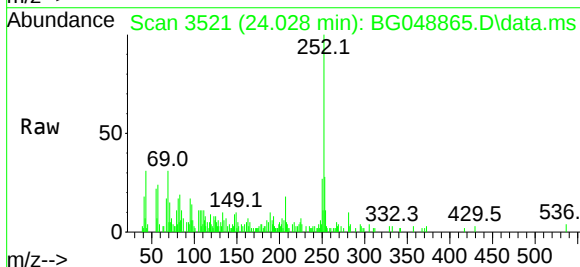
Instrument :
 BNA_G
 ClientSampled :
 352

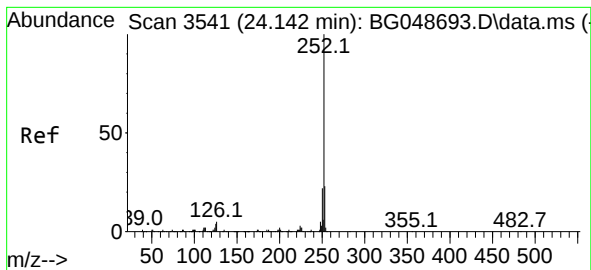
Tgt Ion:264 Resp: 125165
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.4 29.2
 265 20.3 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 2.97 ng
 RT: 24.028 min Scan# 3521
 Delta R.T. -0.021 min
 Lab File: BG048865.D
 Acq: 23 Apr 2021 16:10

Tgt Ion:252 Resp: 25194
 Ion Ratio Lower Upper
 252 100
 253 27.8 16.2 24.4#
 125 7.9 3.0 4.4#





#89

Benzo(k)fluoranthene

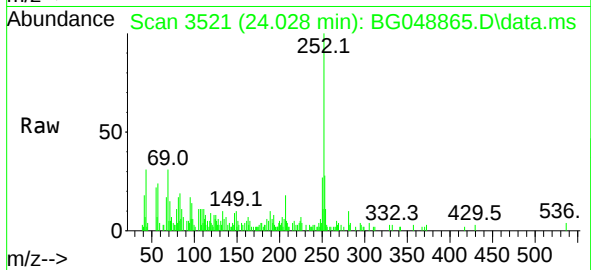
Concen: 3.16 ng

RT: 24.028 min Scan# 3521

Delta R.T. -0.091 min

Lab File: BG048865.D

Acq: 23 Apr 2021 16:10



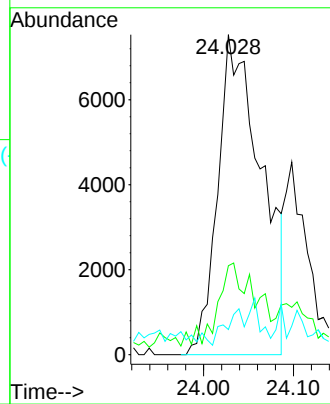
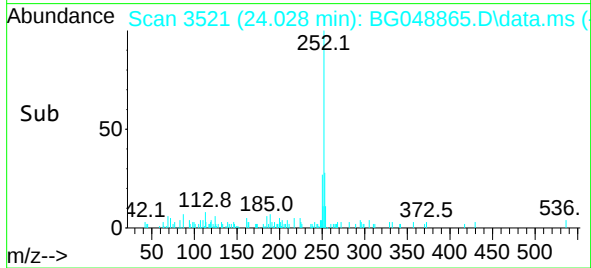
Tgt Ion:252 Resp: 25194

Ion Ratio Lower Upper

252 100

253 27.8 18.0 27.0#

125 7.9 3.1 4.7#



Instrument :

BNA_G

ClientSampleId :

352