

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
 Data File : BG048613.D
 Acq On : 6 Apr 2021 21:08
 Operator : CG/JU
 Sample : M1933-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENNETT_BH_05_0-1

Quant Time: Apr 07 00:38:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

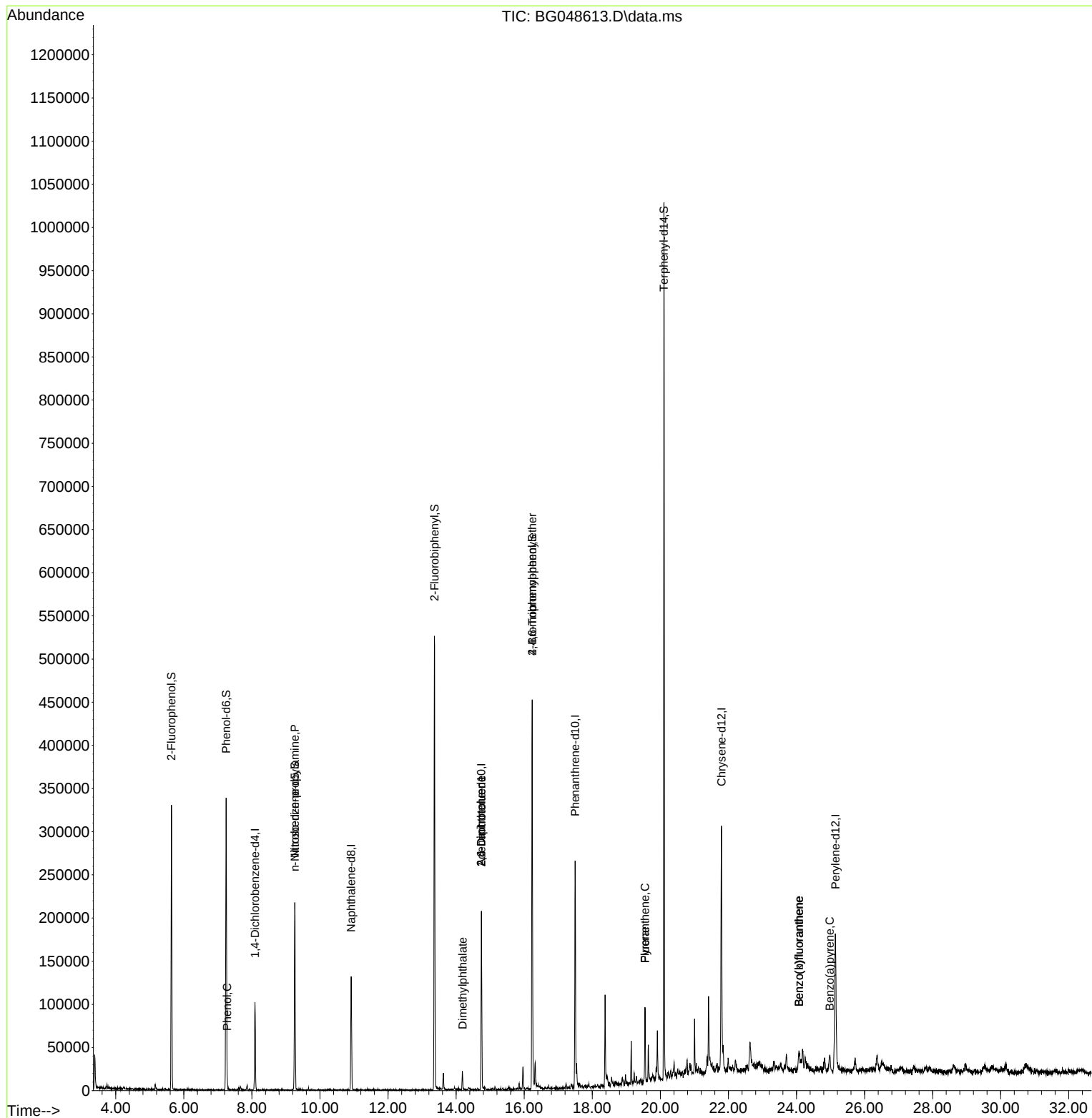
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	25860	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	109845	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	72975	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	172767	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	175748	20.00	ng	# 0.00
86) Perylene-d12	25.141	264	176558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	135106	92.24	ng	0.00
7) Phenol-d6	7.245	99	171771	80.86	ng	0.00
23) Nitrobenzene-d5	9.260	82	124147	54.72	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	80855	84.29	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	274137	55.84	ng	0.00
79) Terphenyl-d14	20.106	244	457694	47.63	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.274	94	4761	2.24	ng	87
19) n-Nitroso-di-n-propyla...	9.266	70	19358	13.22	ng	# 59
50) Dimethylphthalate	14.190	163	13025	2.40	ng	97
51) 2,6-Dinitrotoluene	14.742	165	9751	7.87	ng	# 17
57) 2,4-Dinitrotoluene	14.742	165	9751	5.56	ng	# 22
67) 4-Bromophenyl-phenylether	16.234	248	6363	3.32	ng	# 1
75) Fluoranthene	19.548	202	39101	3.52	ng	92
78) Pyrene	19.548	202	39101	3.24	ng	93
88) Benzo(b)fluoranthene	24.078	252	28163	2.46	ng	95
89) Benzo(k)fluoranthene	24.078	252	28163	2.55	ng	94
90) Benzo(a)pyrene	24.977	252	21802	2.06	ng	98

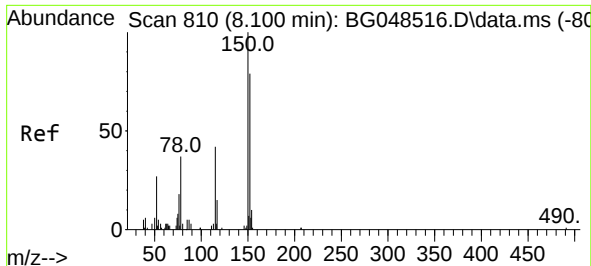
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

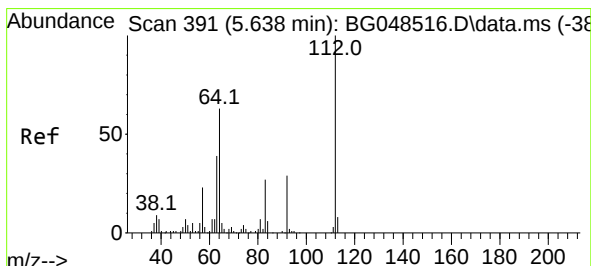
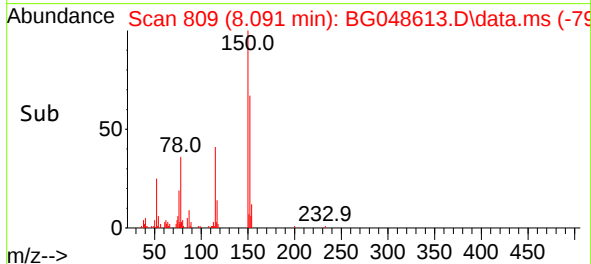
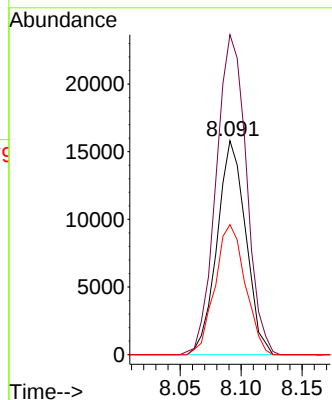
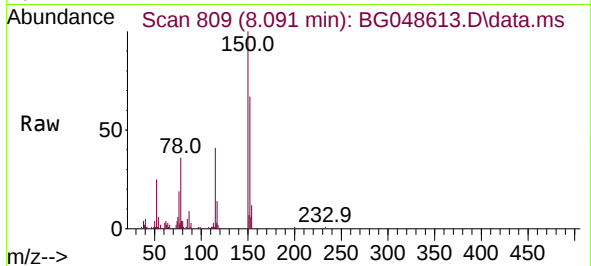




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

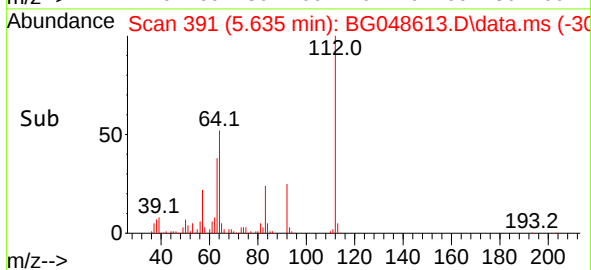
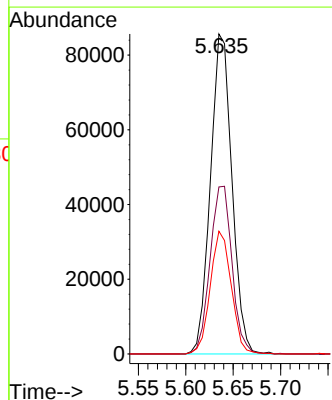
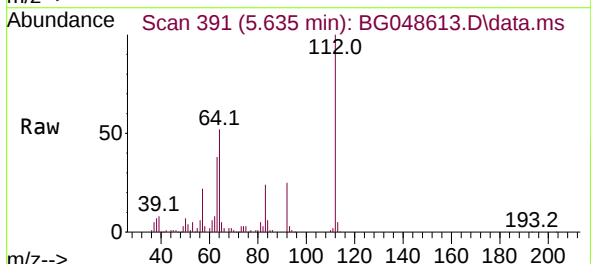
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_0-1

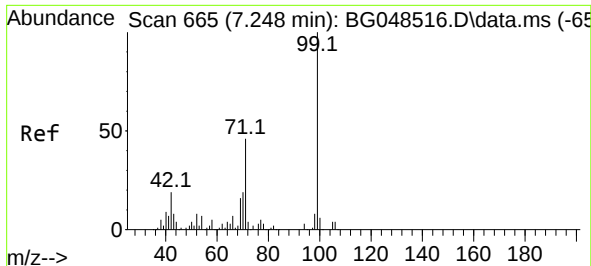
Tgt Ion:152 Resp: 25860
Ion Ratio Lower Upper
152 100
150 149.6 101.3 151.9
115 60.8 42.3 63.5



#5
2-Fluorophenol
Concen: 92.24 ng
RT: 5.635 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

Tgt Ion:112 Resp: 135106
Ion Ratio Lower Upper
112 100
64 52.2 50.4 75.6
63 38.3 31.4 47.2

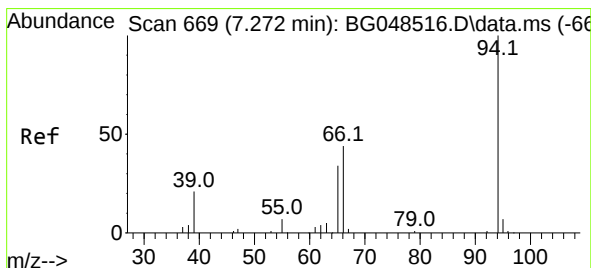
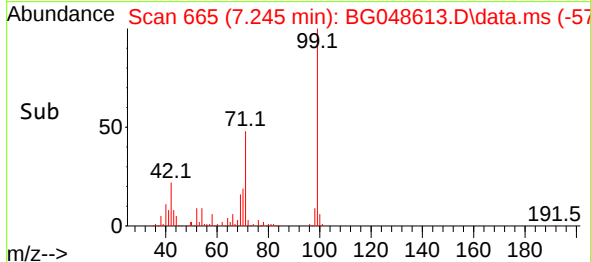
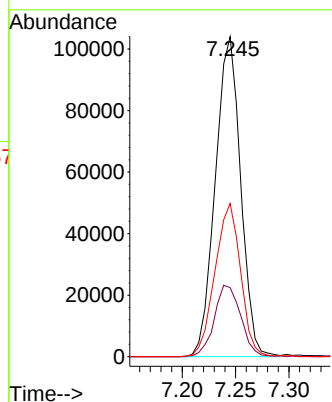
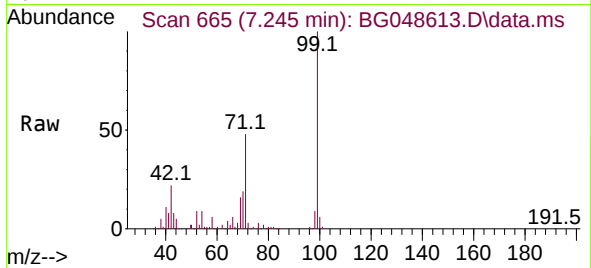




#7
Phenol-d6
Concen: 80.86 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

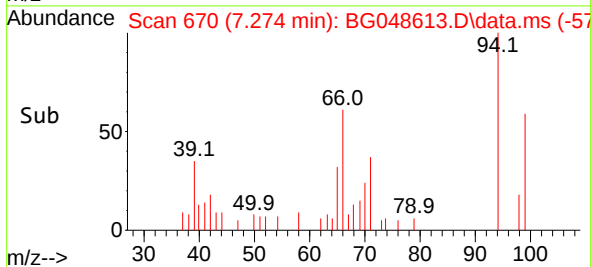
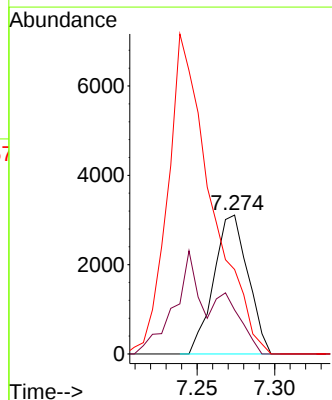
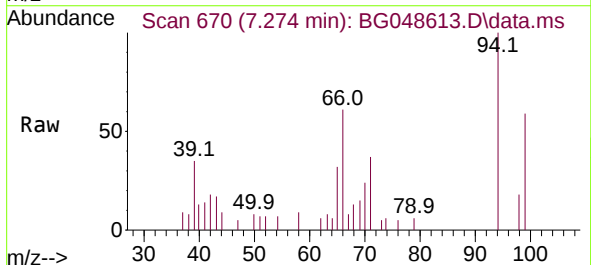
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_0-1

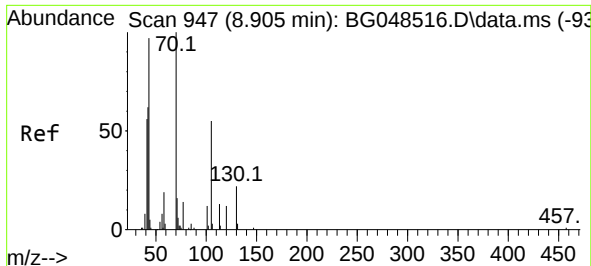
Tgt Ion: 99 Resp: 171771
Ion Ratio Lower Upper
99 100
42 21.6 15.5 23.3
71 47.9 36.6 54.8



#10
Phenol
Concen: 2.24 ng
RT: 7.274 min Scan# 670
Delta R.T. 0.003 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

Tgt Ion: 94 Resp: 4761
Ion Ratio Lower Upper
94 100
65 31.7 15.1 55.1
66 60.8 28.9 68.9

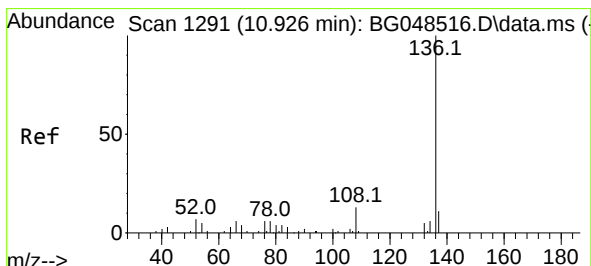
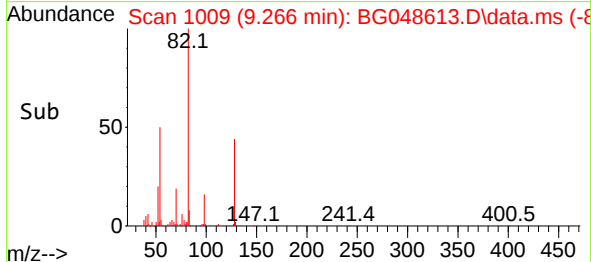
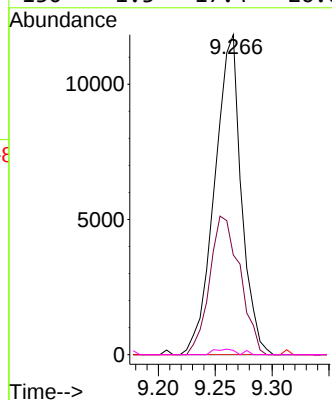
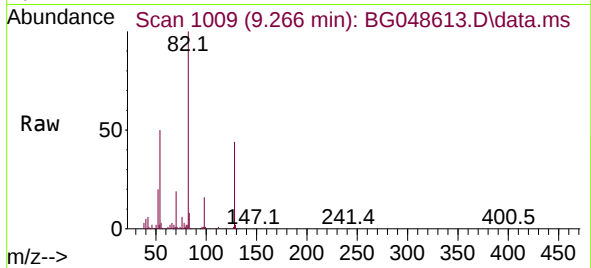




#19
n-Nitroso-di-n-propylamine
Concen: 13.22 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

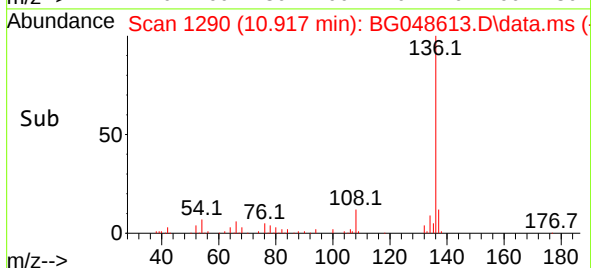
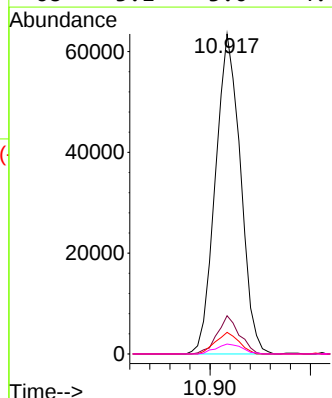
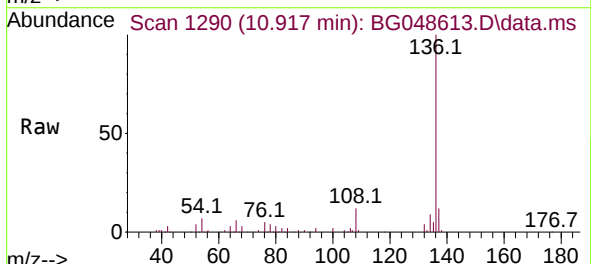
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_0-1

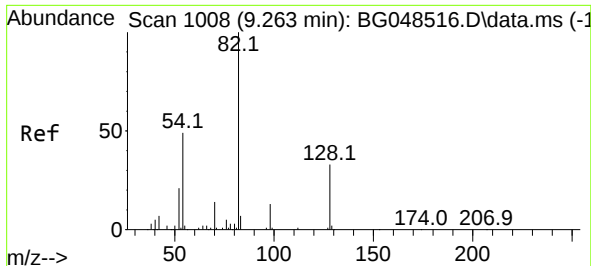
Tgt Ion: 70 Resp: 19358
Ion Ratio Lower Upper
70 100
42 31.2 50.8 76.2#
101 0.0 9.7 14.5#
130 1.3 17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

Tgt Ion:136 Resp: 109845
Ion Ratio Lower Upper
136 100
137 12.0 8.6 12.8
54 6.8 4.2 6.4#
68 3.1 3.0 4.4

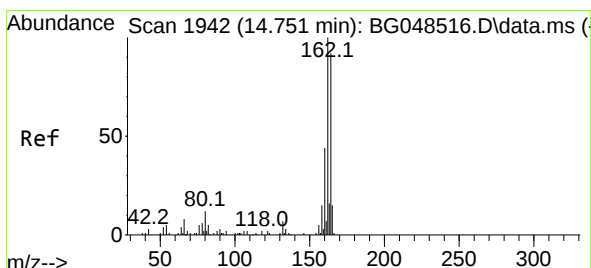
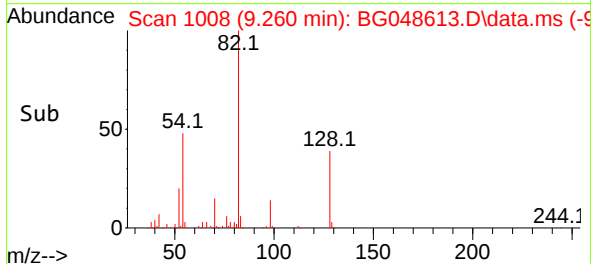
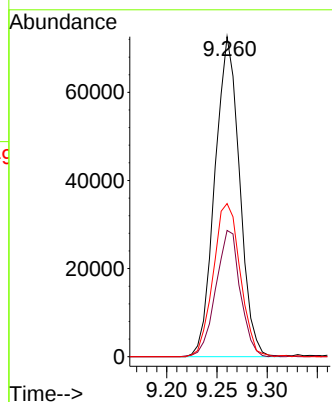
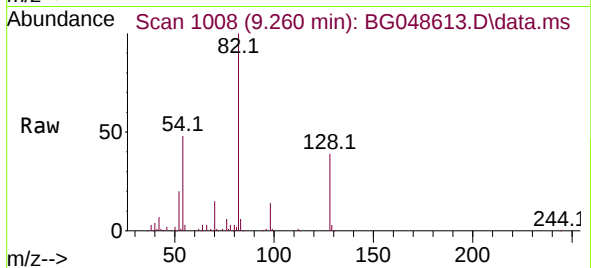




#23
Nitrobenzene-d5
Concen: 54.72 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

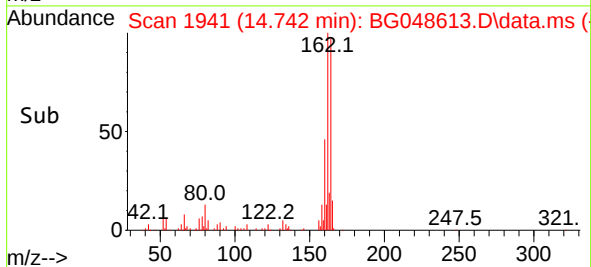
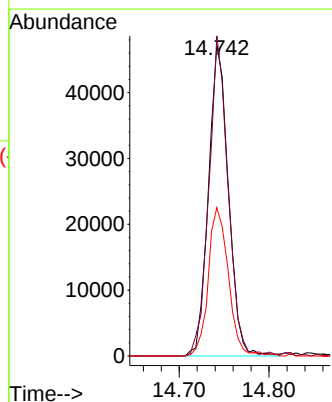
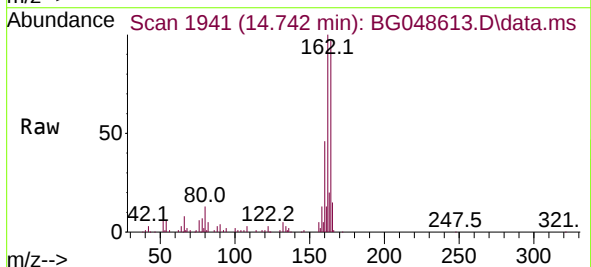
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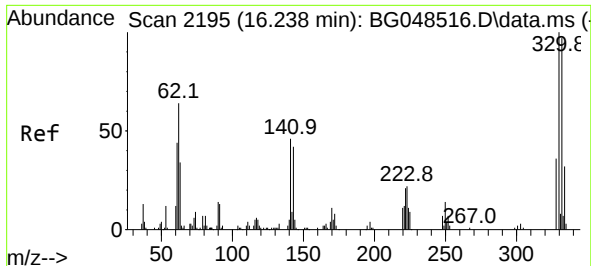
Tgt Ion: 82 Resp: 124147
Ion Ratio Lower Upper
82 100
128 39.4 26.2 39.4#
54 47.9 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

Tgt Ion:164 Resp: 72975
Ion Ratio Lower Upper
164 100
162 103.0 87.0 130.6
160 47.7 38.4 57.6

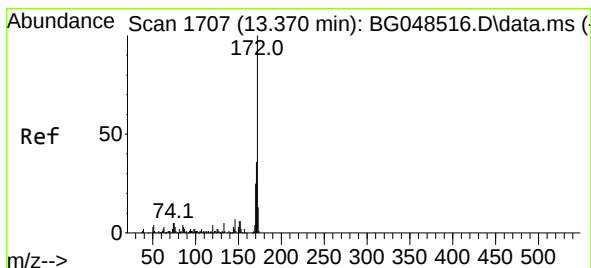
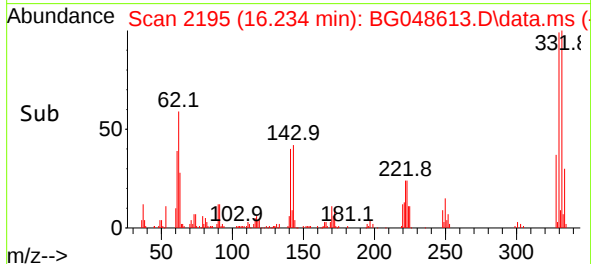
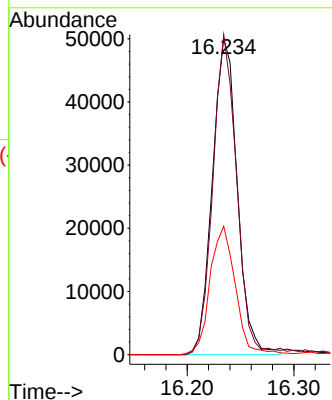
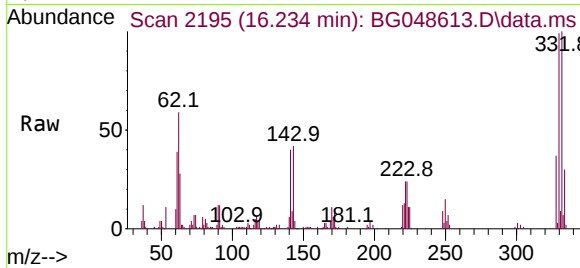




#42
2,4,6-Tribromophenol
Concen: 84.29 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

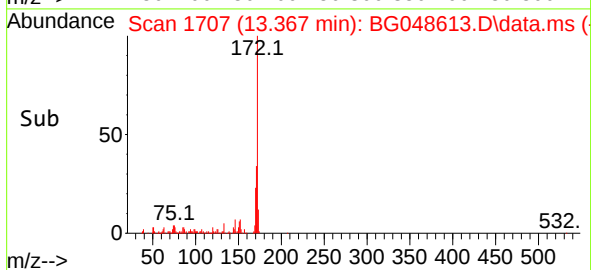
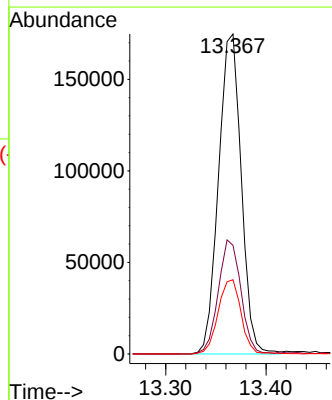
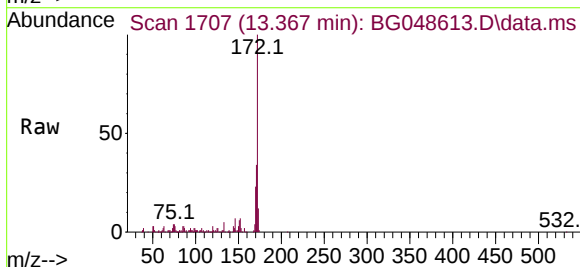
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_0-1

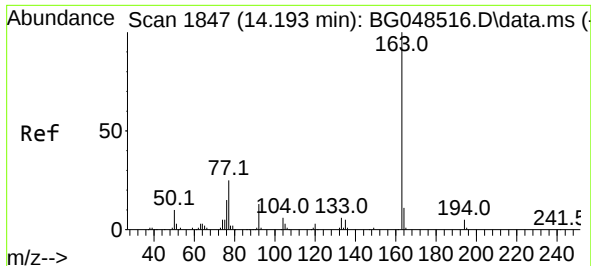
Tgt Ion:330 Resp: 80855
Ion Ratio Lower Upper
330 100
332 97.8 77.6 116.4
141 41.4 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 55.84 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.003 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

Tgt Ion:172 Resp: 274137
Ion Ratio Lower Upper
172 100
171 33.9 28.5 42.7
170 23.2 19.8 29.6

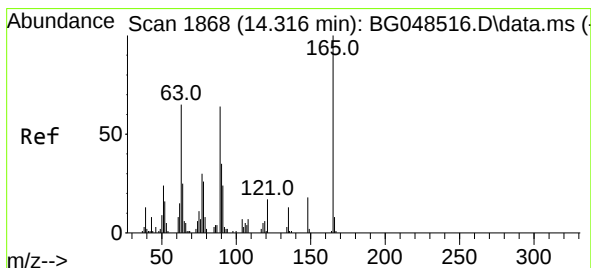
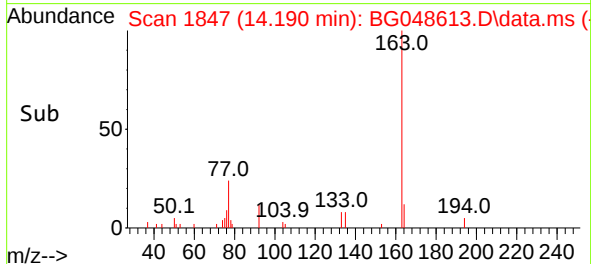
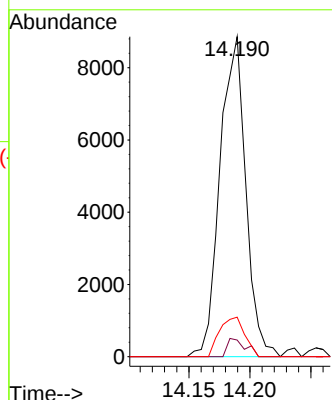
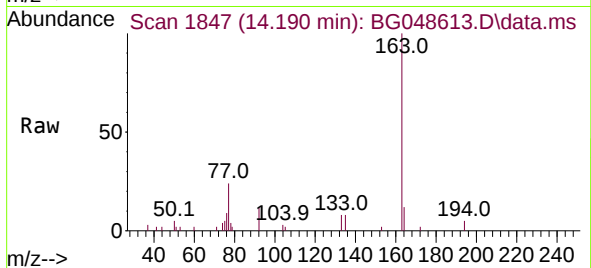




#50
Dimethylphthalate
Concen: 2.40 ng
RT: 14.190 min Scan# 1847
Delta R.T. -0.009 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

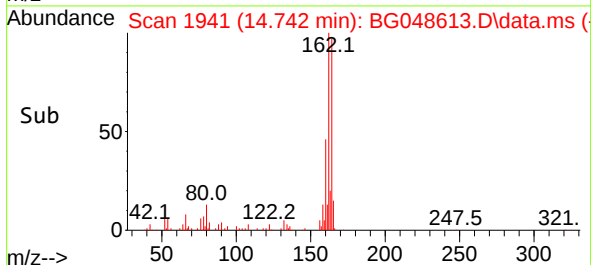
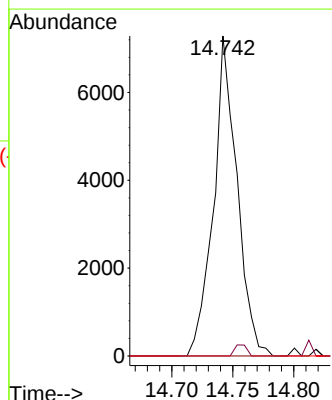
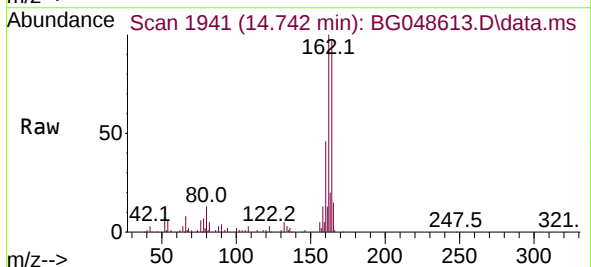
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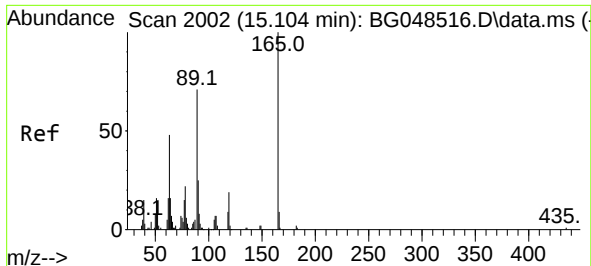
Tgt Ion:163 Resp: 13025
Ion Ratio Lower Upper
163 100
194 5.2 4.1 6.1
164 12.3 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

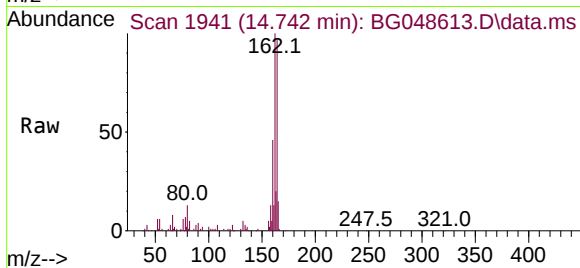
Tgt Ion:165 Resp: 9751
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



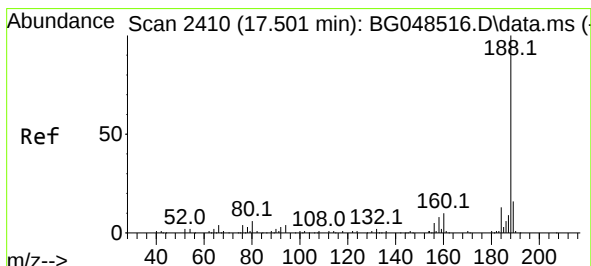
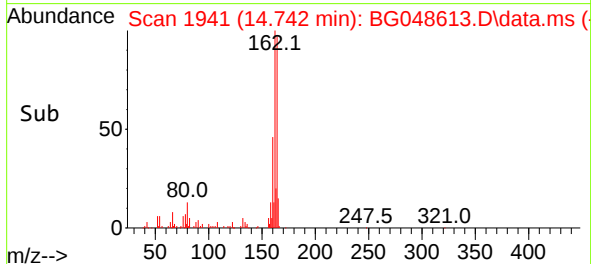
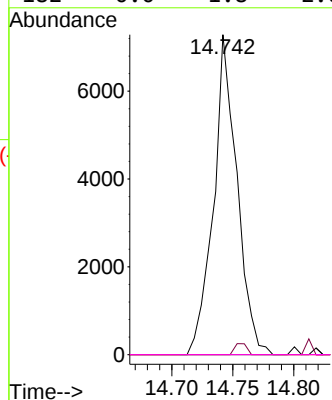


#57
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_0-1

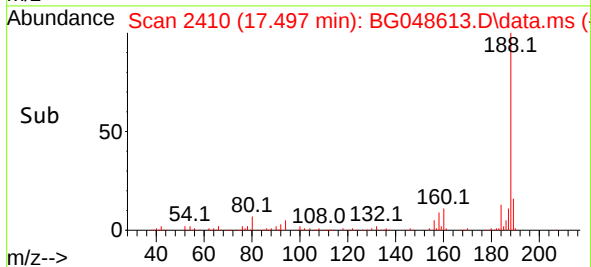
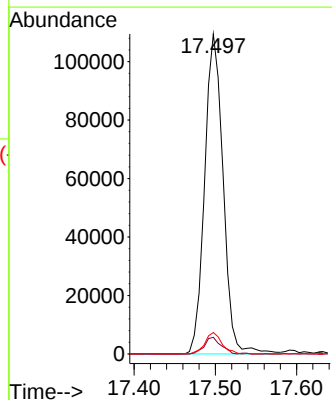
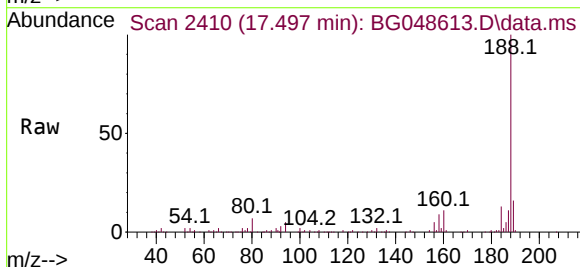


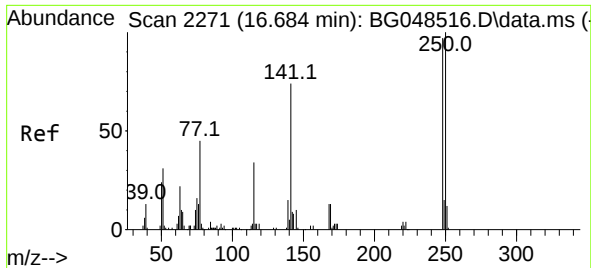
Tgt Ion:165 Resp: 9751
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

Tgt Ion:188 Resp: 172767
Ion Ratio Lower Upper
188 100
94 5.2 3.0 4.6#
80 6.7 4.5 6.7

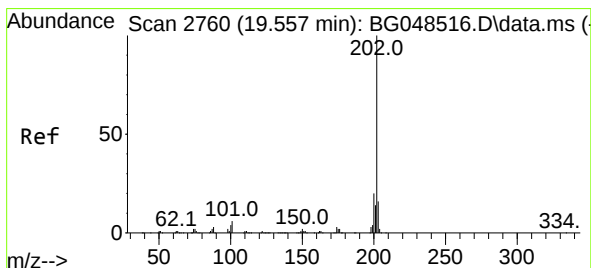
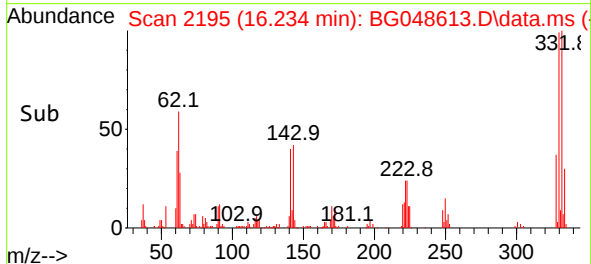
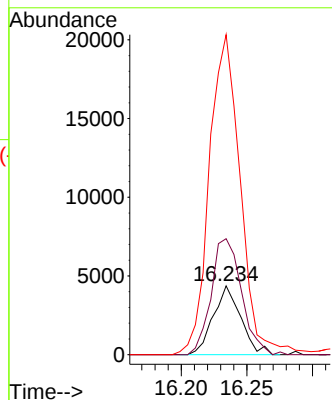
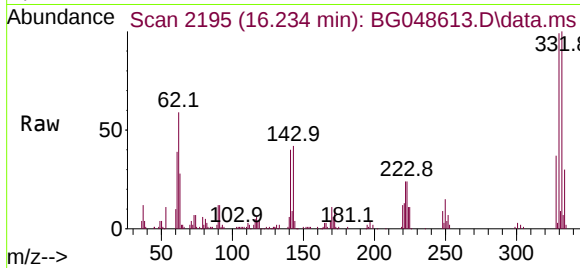




#67
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.455 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

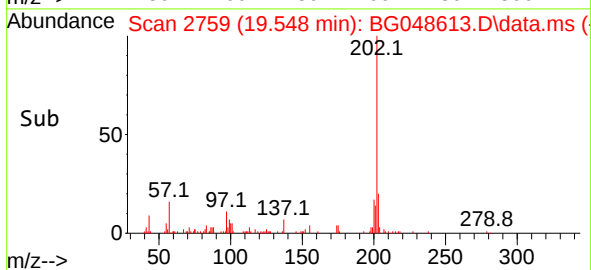
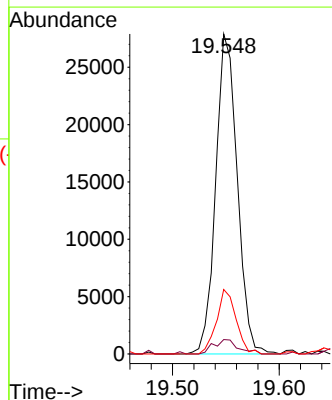
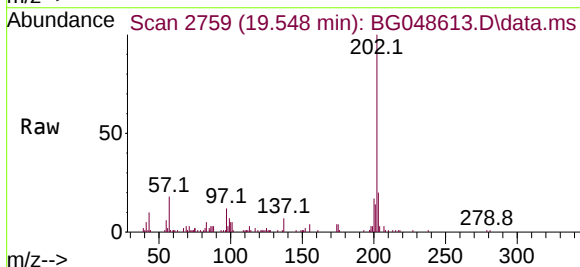
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_0-1

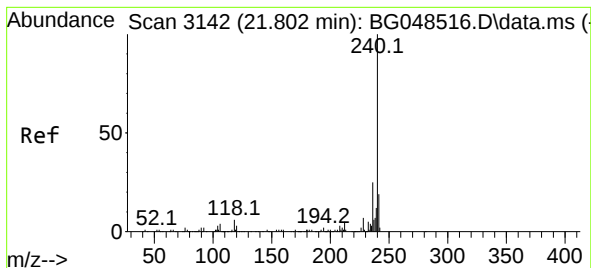
Tgt Ion:248 Resp: 6363
Ion Ratio Lower Upper
248 100
250 168.5 82.6 124.0#
141 464.7 61.0 91.6#



#75
Fluoranthene
Concen: 3.52 ng
RT: 19.548 min Scan# 2759
Delta R.T. -0.009 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

Tgt Ion:202 Resp: 39101
Ion Ratio Lower Upper
202 100
101 4.5 0.0 25.8
203 20.2 0.0 36.4

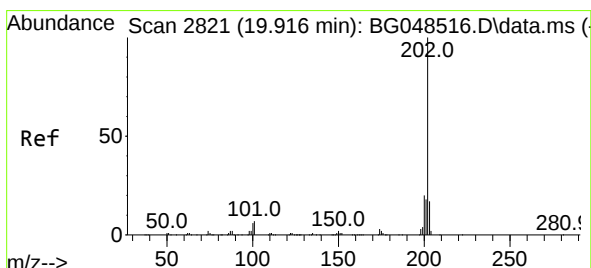
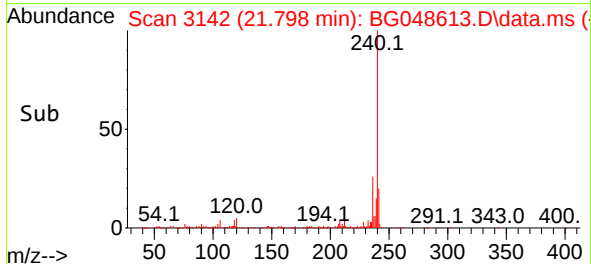
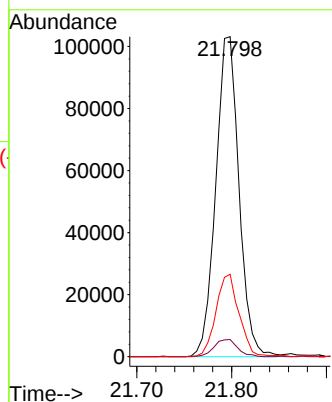
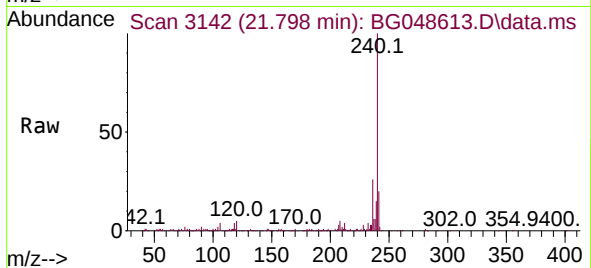




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

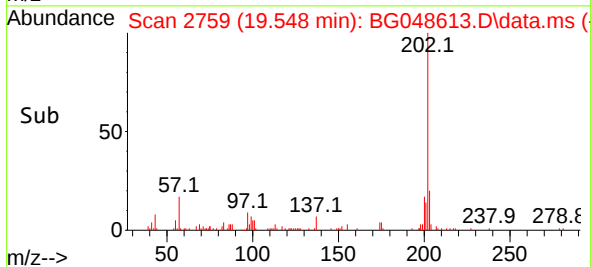
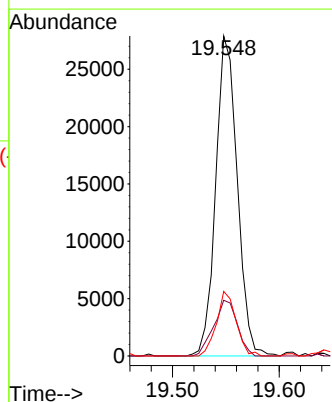
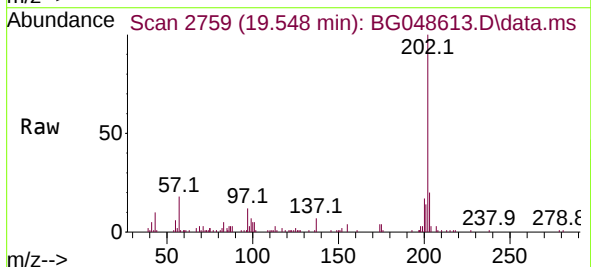
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_0-1

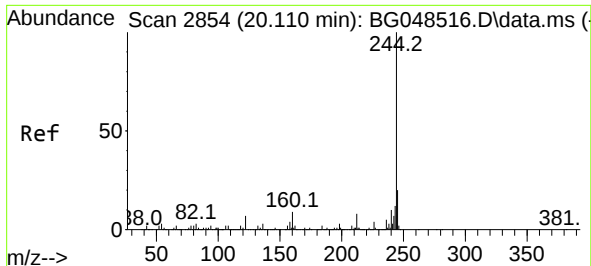
Tgt Ion:240 Resp: 175748
Ion Ratio Lower Upper
240 100
120 5.4 2.6 3.8#
236 25.7 19.8 29.6



#78
Pyrene
Concen: 3.24 ng
RT: 19.548 min Scan# 2759
Delta R.T. -0.373 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

Tgt Ion:202 Resp: 39101
Ion Ratio Lower Upper
202 100
200 17.4 16.1 24.1
203 20.2 13.6 20.4

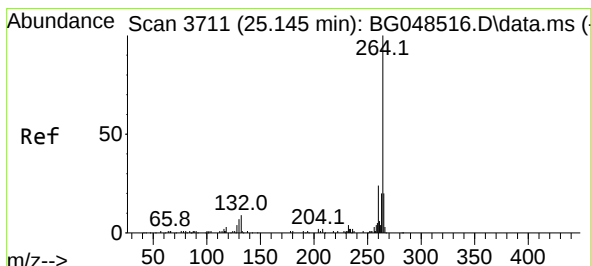
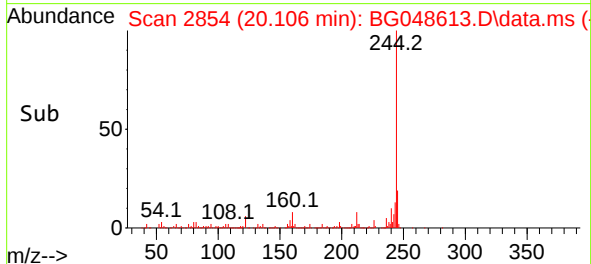
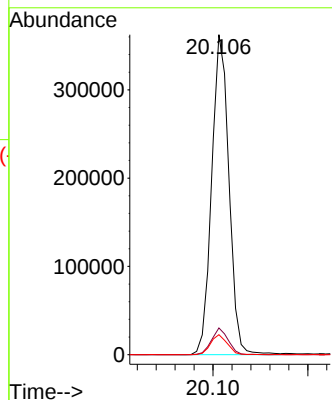
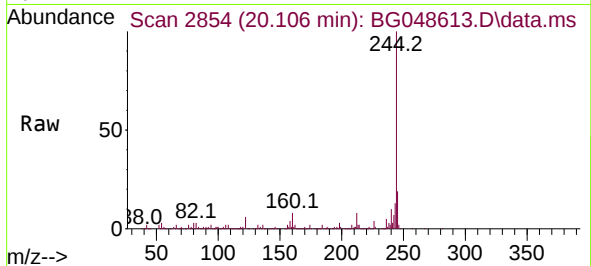




#79
Terphenyl-d14
Concen: 47.63 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.009 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

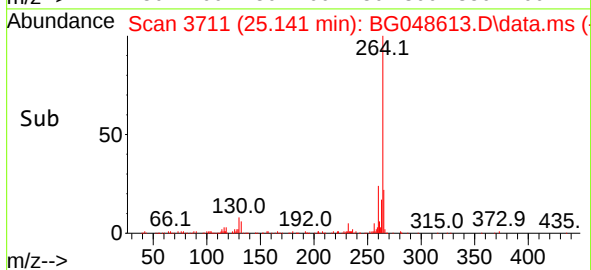
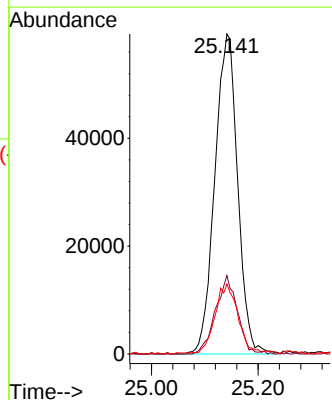
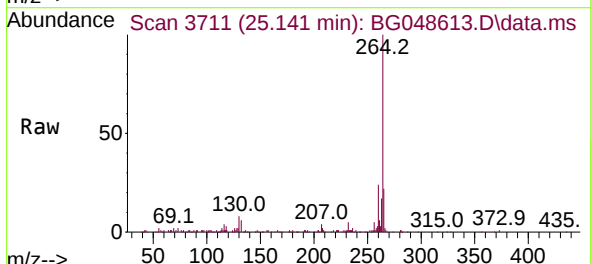
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_0-1

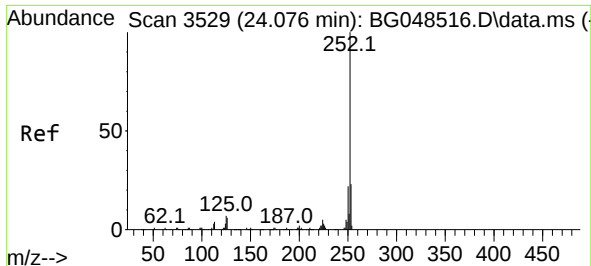
Tgt Ion:244 Resp: 457694
Ion Ratio Lower Upper
244 100
212 8.4 6.0 9.0
122 6.3 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3711
Delta R.T. -0.009 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

Tgt Ion:264 Resp: 176558
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 21.9 16.1 24.1

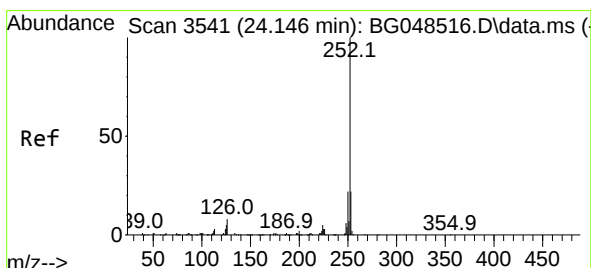
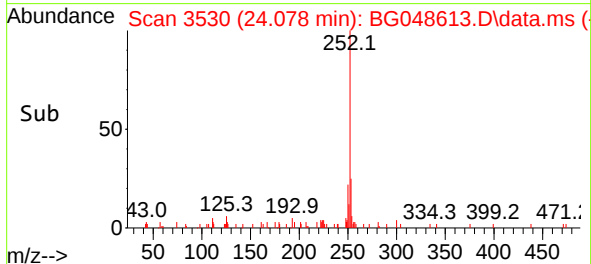
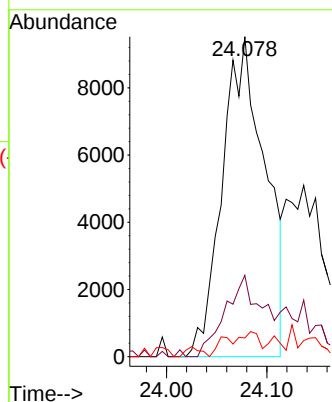
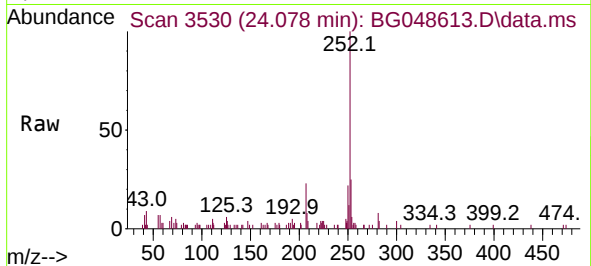




#88
Benzo(b)fluoranthene
Concen: 2.46 ng
RT: 24.078 min Scan# 3530
Delta R.T. -0.003 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

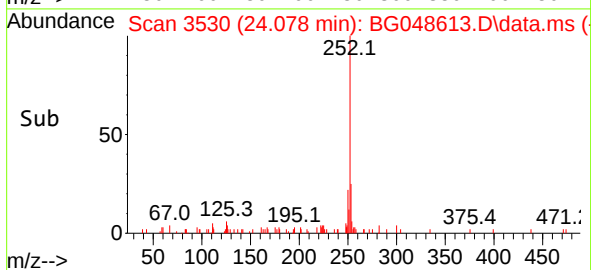
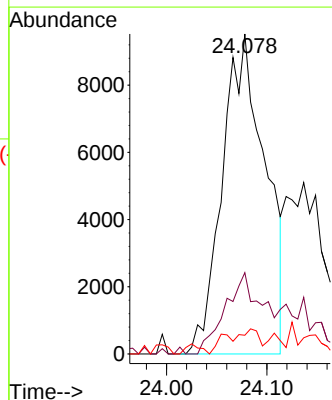
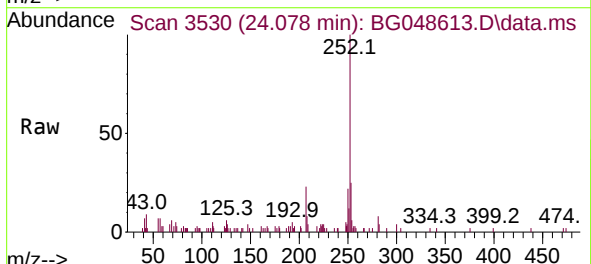
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_0-1

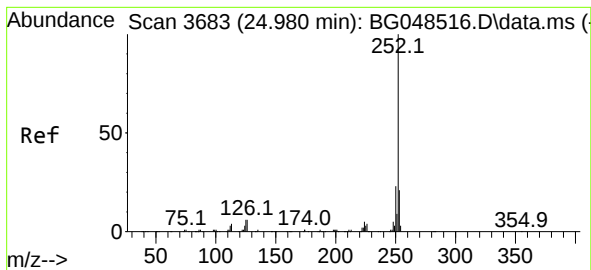
Tgt Ion:252 Resp: 28163
Ion Ratio Lower Upper
252 100
253 25.4 18.2 27.4
125 5.9 5.3 7.9



#89
Benzo(k)fluoranthene
Concen: 2.55 ng
RT: 24.078 min Scan# 3530
Delta R.T. -0.073 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

Tgt Ion:252 Resp: 28163
Ion Ratio Lower Upper
252 100
253 25.4 17.9 26.9
125 5.9 3.9 5.9





#90
Benzo(a)pyrene
Concen: 2.06 ng
RT: 24.977 min Scan# 3683
Delta R.T. -0.015 min
Lab File: BG048613.D
Acq: 6 Apr 2021 21:08

Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_0-1

Tgt Ion:252 Resp: 21802
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 4.8 4.4 6.6

