

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
 Data File : BG048611.D
 Acq On : 6 Apr 2021 19:47
 Operator : CG/JU
 Sample : M1933-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENNETT_BH_05_2-2.5

Quant Time: Apr 07 00:38:12 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)

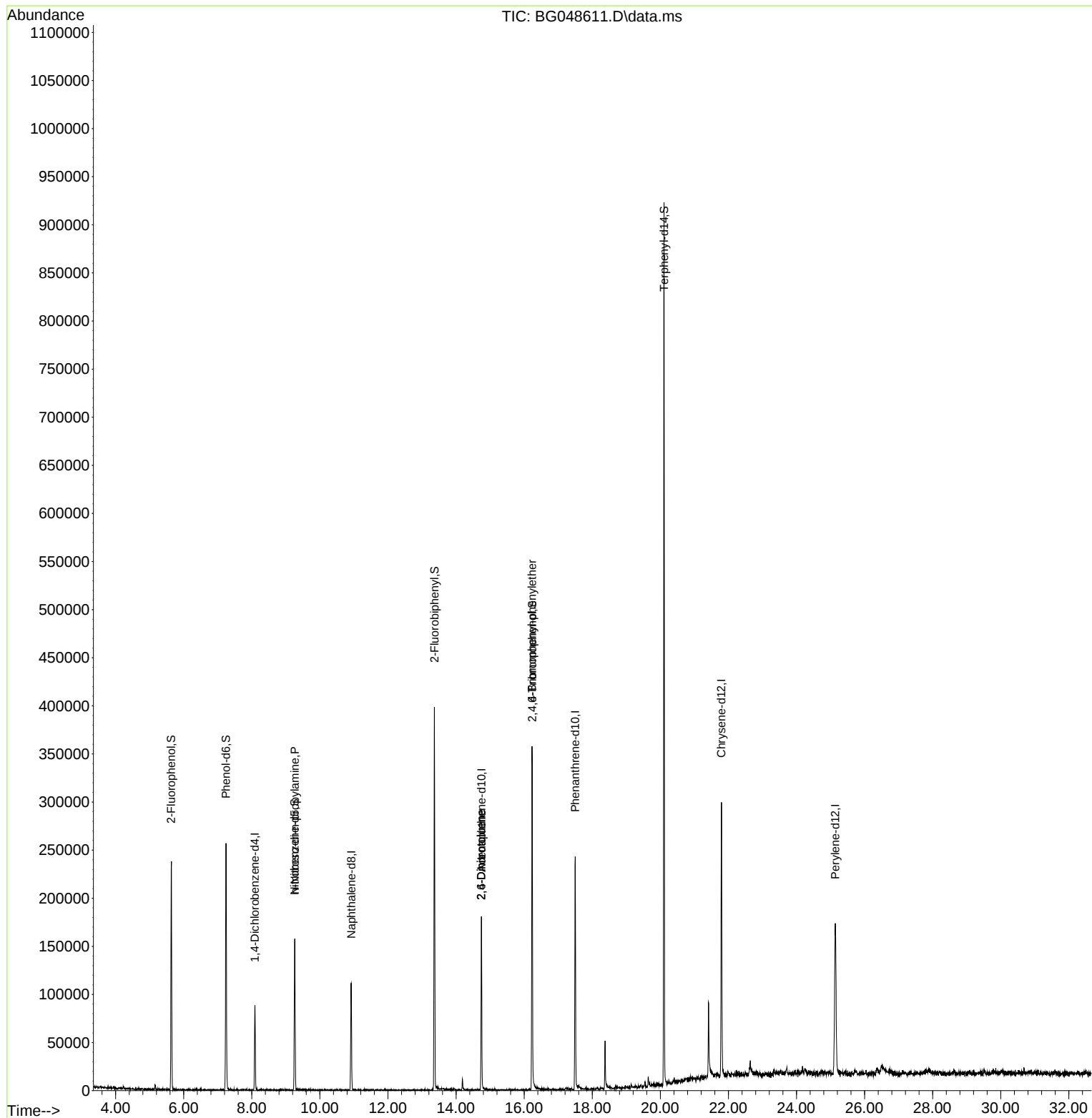
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	23389	20.00	ng	0.00
21) Naphthalene-d8	10.920	136	94972	20.00	ng	# 0.00
39) Acenaphthene-d10	14.745	164	63516	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	161791	20.00	ng	# 0.00
76) Chrysene-d12	21.795	240	177550	20.00	ng	# 0.00
86) Perylene-d12	25.139	264	178209	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	99070	74.78	ng	0.00
7) Phenol-d6	7.242	99	129996	67.66	ng	0.00
23) Nitrobenzene-d5	9.257	82	91483	46.64	ng	-0.01
42) 2,4,6-Tribromophenol	16.237	330	65277	78.18	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	203540	47.63	ng	0.00
79) Terphenyl-d14	20.109	244	427603	44.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.263	70	14713	11.11	ng	# 72
51) 2,6-Dinitrotoluene	14.739	165	7944	7.37	ng	# 17
57) 2,4-Dinitrotoluene	14.739	165	7944	5.21	ng	# 22
67) 4-Bromophenyl-phenylether	16.231	248	4930	2.75	ng	# 1

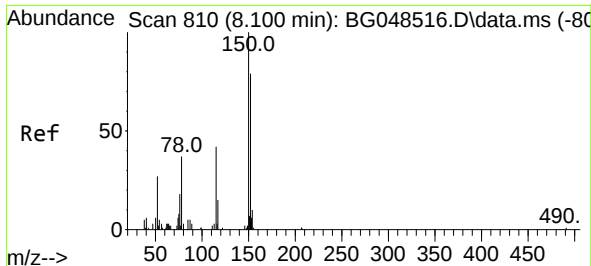
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
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QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

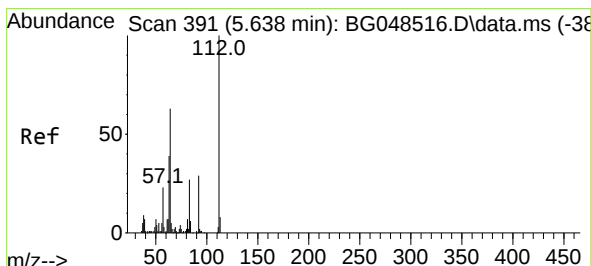
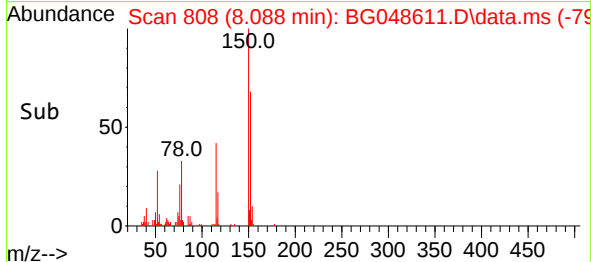
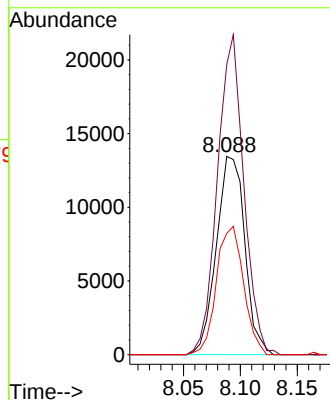
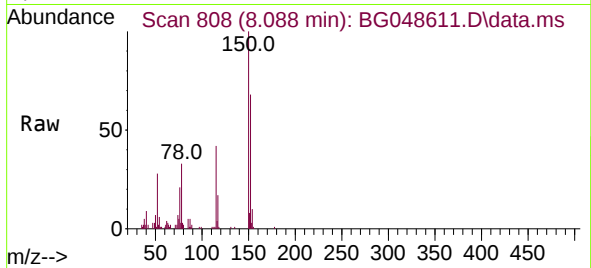




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.088 min Scan# 808
Delta R.T. -0.006 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

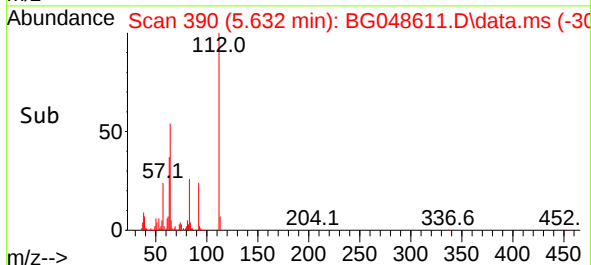
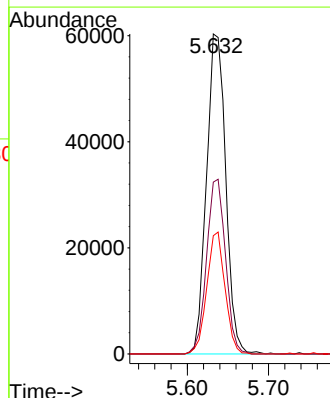
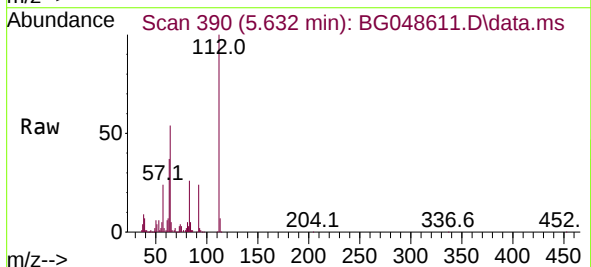
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_2-2.5

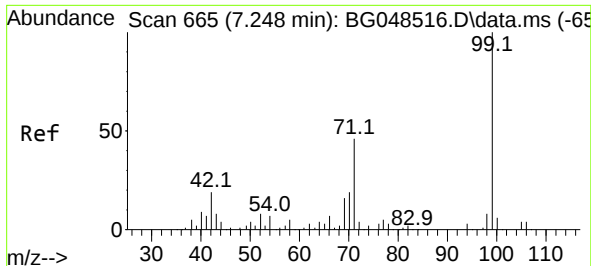
Tgt Ion:152 Resp: 23389
Ion Ratio Lower Upper
152 100
150 146.4 101.3 151.9
115 61.2 42.3 63.5



#5
2-Fluorophenol
Concen: 74.78 ng
RT: 5.632 min Scan# 390
Delta R.T. -0.006 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

Tgt Ion:112 Resp: 99070
Ion Ratio Lower Upper
112 100
64 53.7 50.4 75.6
63 37.0 31.4 47.2

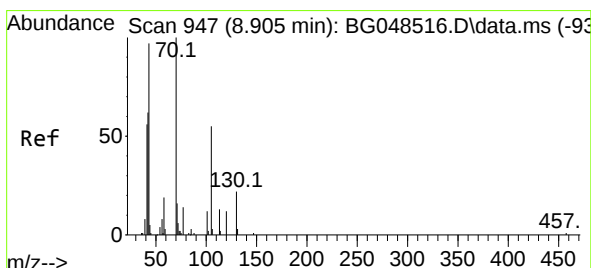
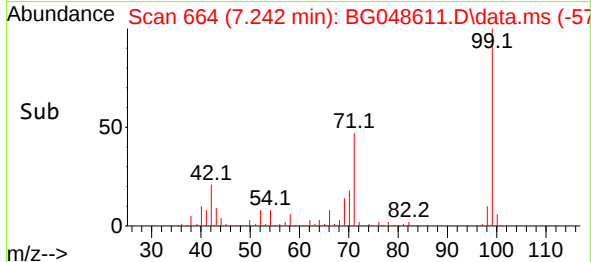
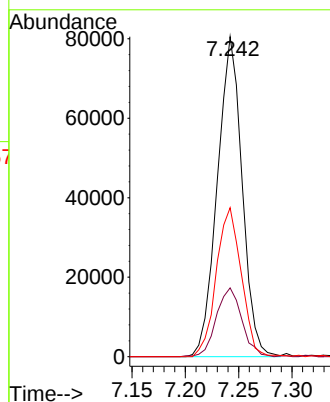
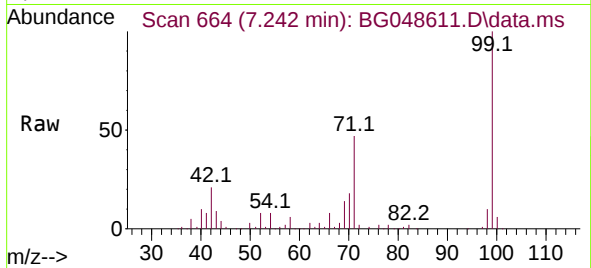




#7
Phenol-d6
Concen: 67.66 ng
RT: 7.242 min Scan# 664
Delta R.T. -0.006 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

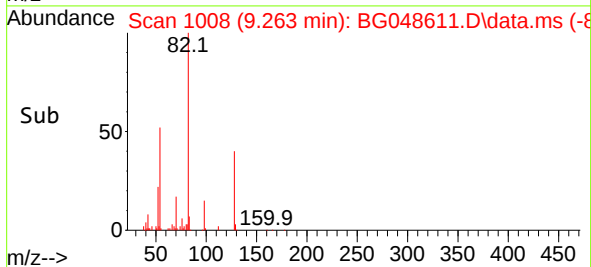
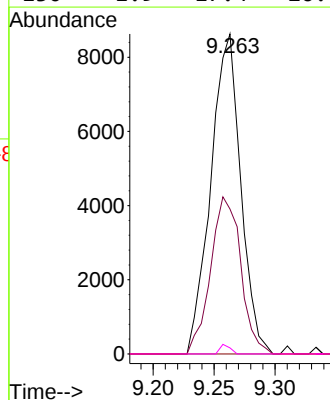
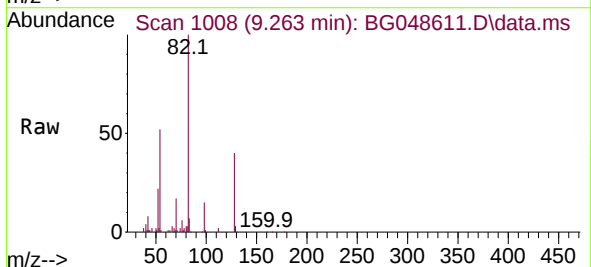
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_2-2.5

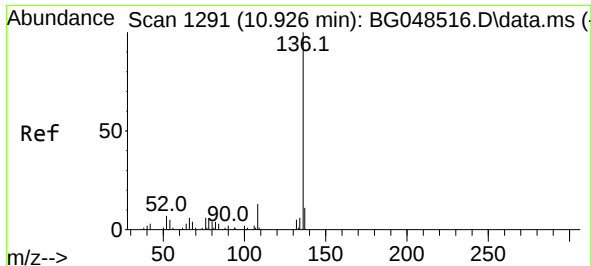
Tgt Ion: 99 Resp: 129996
Ion Ratio Lower Upper
99 100
42 21.5 15.5 23.3
71 46.5 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.11 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.359 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

Tgt Ion: 70 Resp: 14713
Ion Ratio Lower Upper
70 100
42 45.3 50.8 76.2#
101 0.0 9.7 14.5#
130 1.9 17.4 26.0#

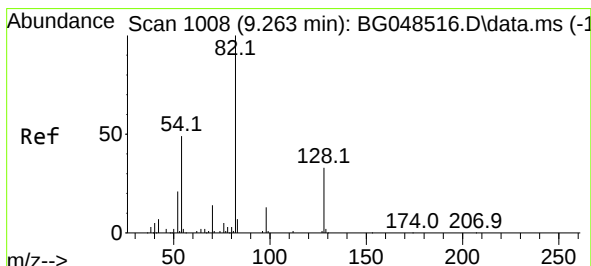
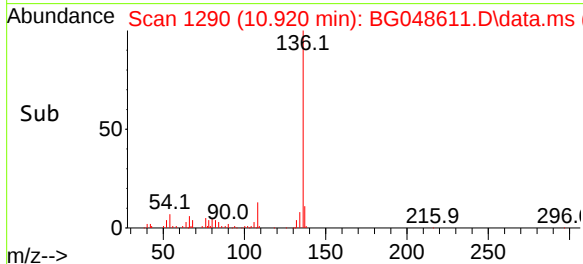
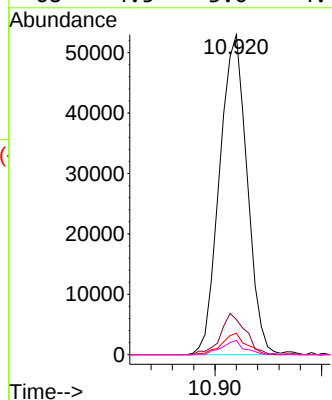
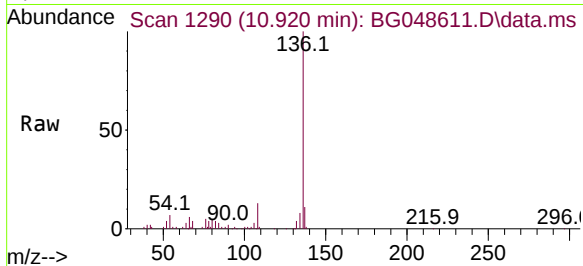




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

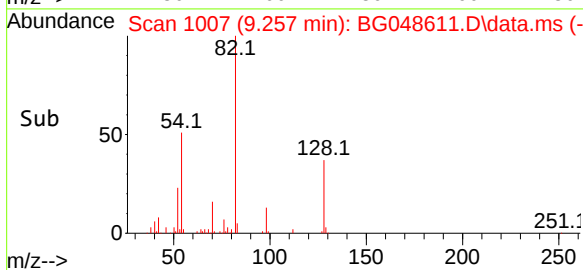
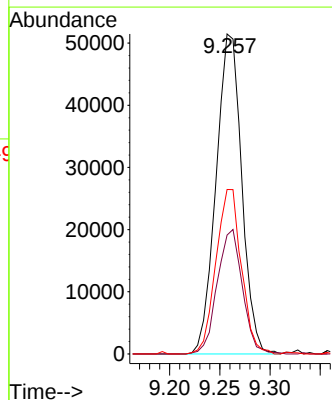
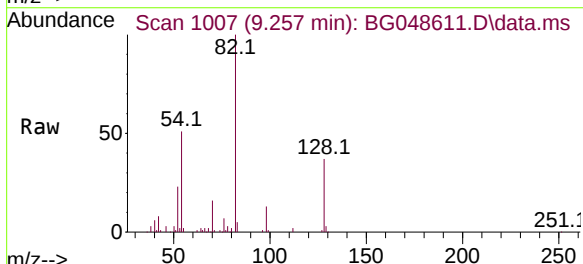
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_2-2.5

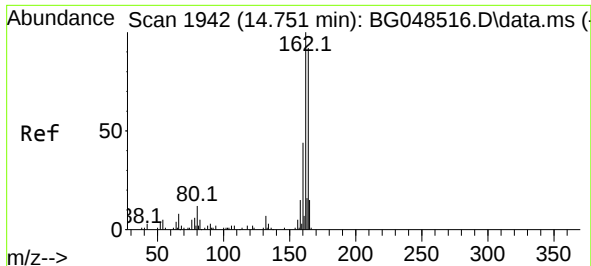
Tgt Ion:	136	Resp:	94972
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	6.7	4.2	6.4#
68	4.5	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 46.64 ng
RT: 9.257 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

Tgt Ion:	82	Resp:	91483
Ion Ratio	Lower	Upper	
82	100		
128	37.1	26.2	39.4
54	51.4	38.9	58.3

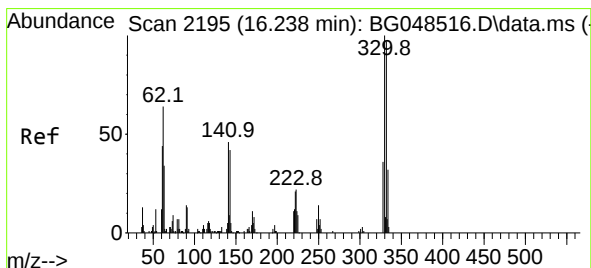
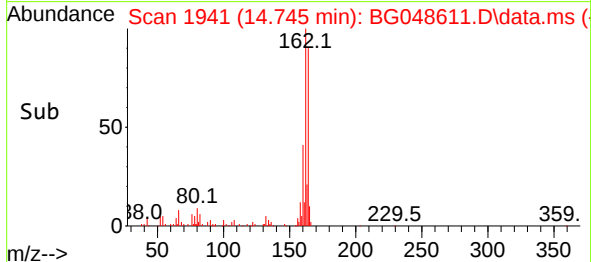
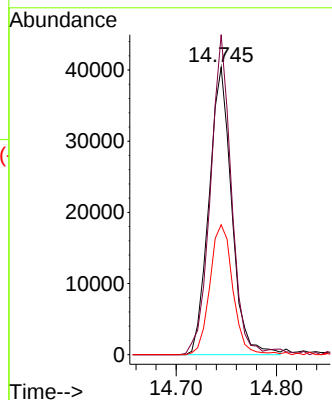
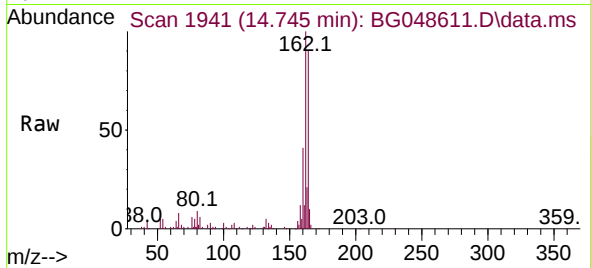




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

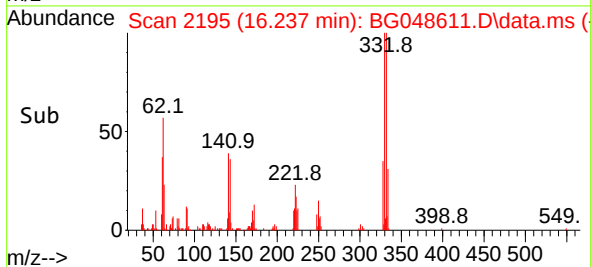
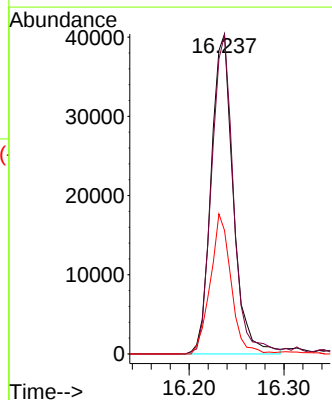
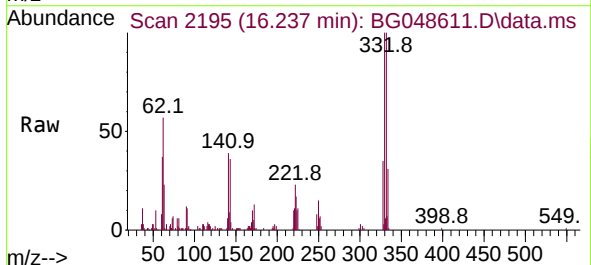
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_2-2.5

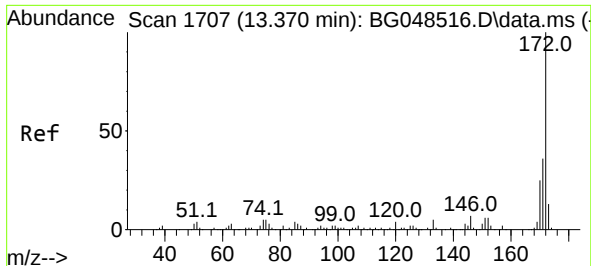
Tgt Ion:164 Resp: 63516
Ion Ratio Lower Upper
164 100
162 111.4 87.0 130.6
160 45.2 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 78.18 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

Tgt Ion:330 Resp: 65277
Ion Ratio Lower Upper
330 100
332 98.2 77.6 116.4
141 41.0 34.6 52.0

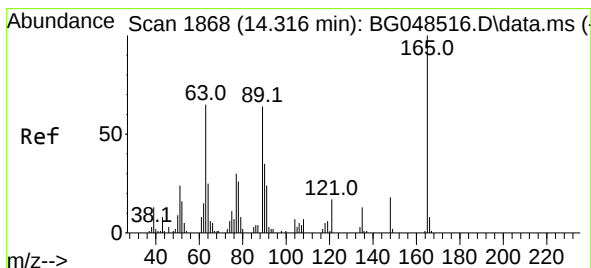
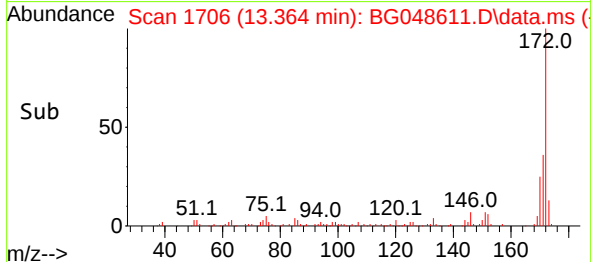
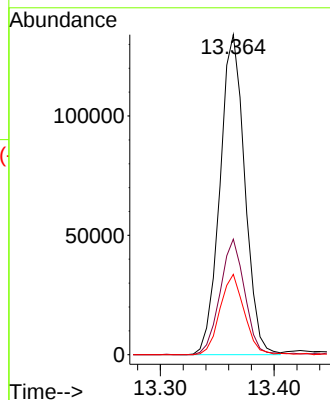
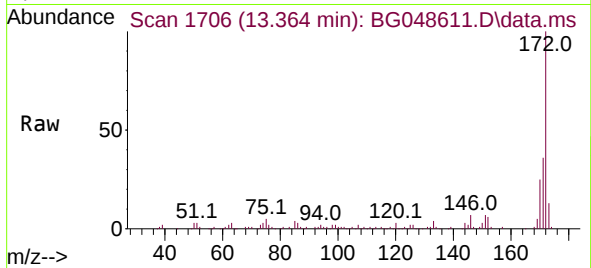




#45
2-Fluorobiphenyl
Concen: 47.63 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

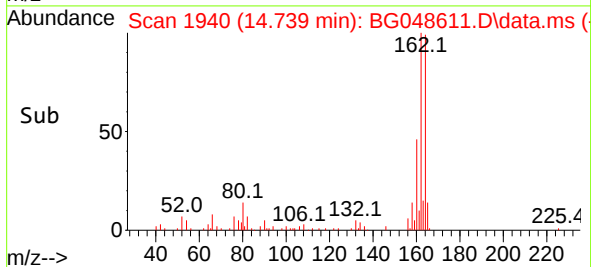
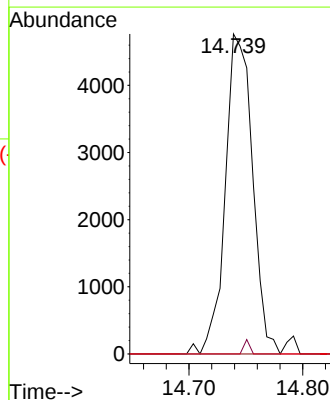
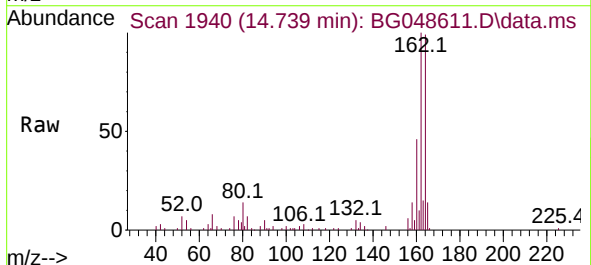
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_2-2.5

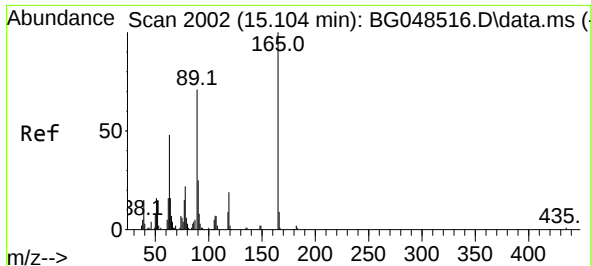
Tgt Ion:172 Resp: 203540
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 25.1 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.37 ng
RT: 14.739 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

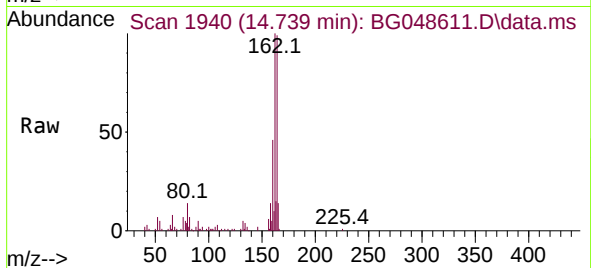
Tgt Ion:165 Resp: 7944
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



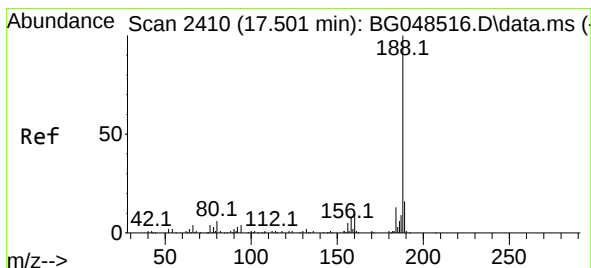
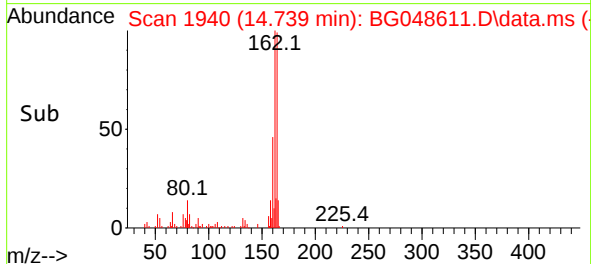
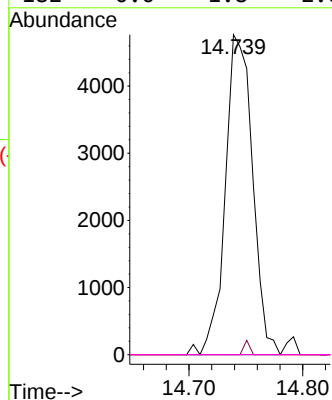


#57
2,4-Dinitrotoluene
Concen: 5.21 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.364 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_2-2.5

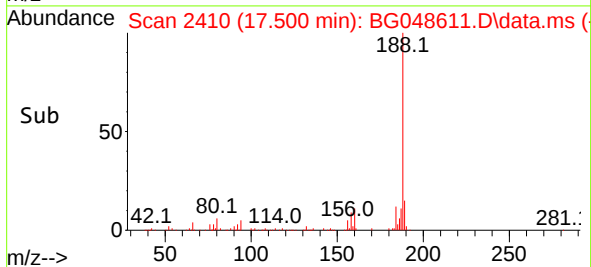
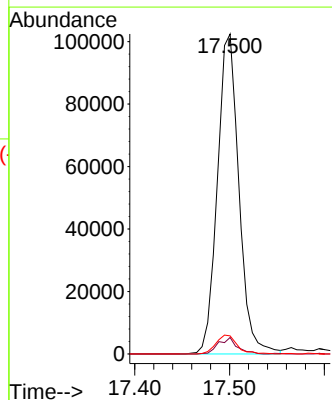
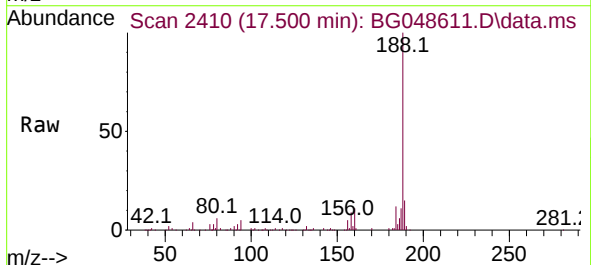


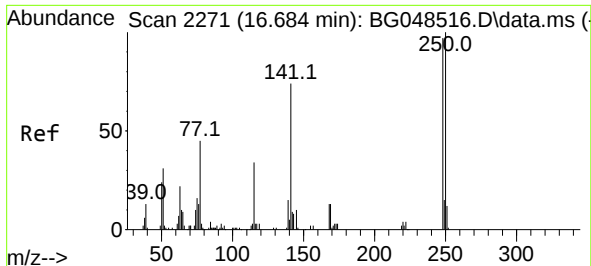
Tgt Ion:165 Resp: 7944
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

Tgt Ion:188 Resp: 161791
Ion Ratio Lower Upper
188 100
94 5.1 3.0 4.6#
80 5.6 4.5 6.7

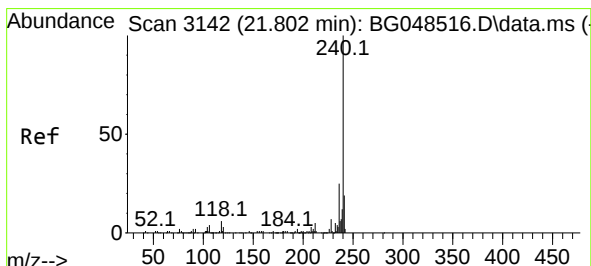
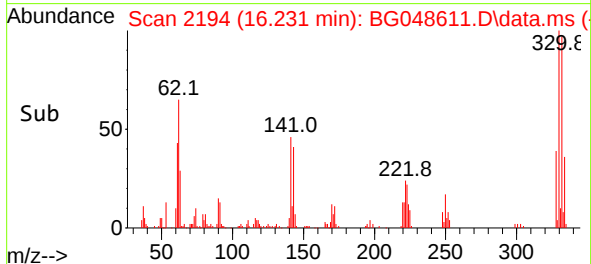
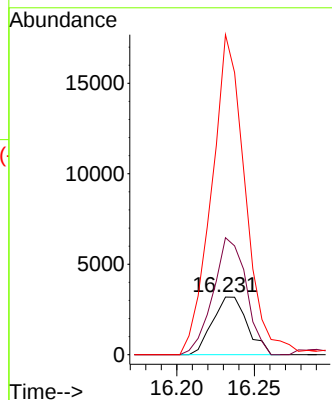
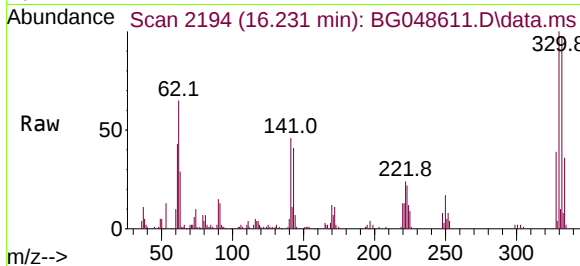




#67
4-Bromophenyl-phenylether
Concen: 2.75 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.458 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

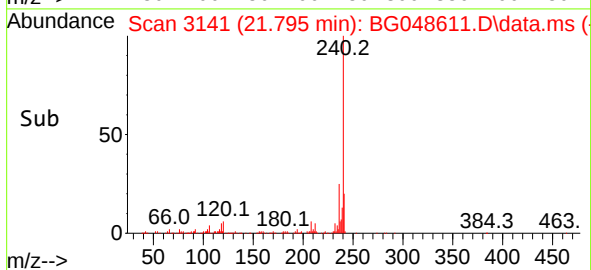
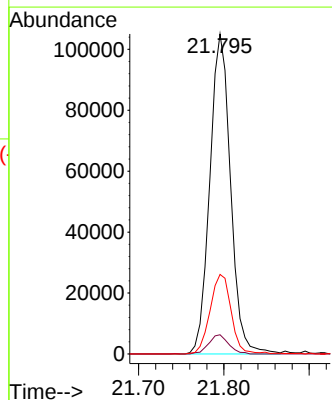
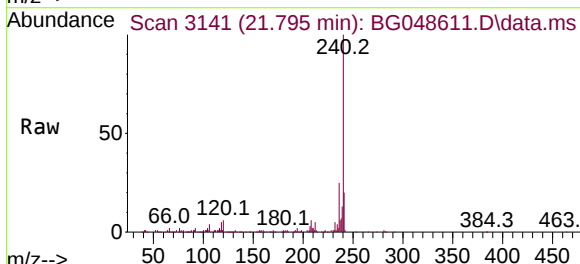
Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_2-2.5

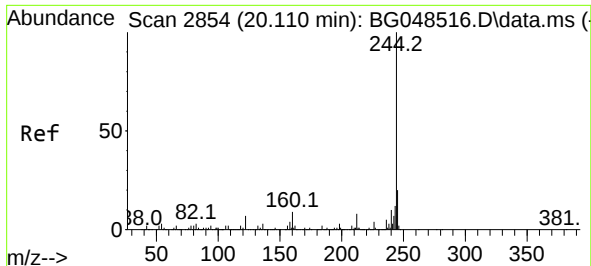
Tgt Ion:248 Resp: 4930
Ion Ratio Lower Upper
248 100
250 203.0 82.6 124.0#
141 555.4 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

Tgt Ion:240 Resp: 177550
Ion Ratio Lower Upper
240 100
120 6.0 2.6 3.8#
236 24.8 19.8 29.6

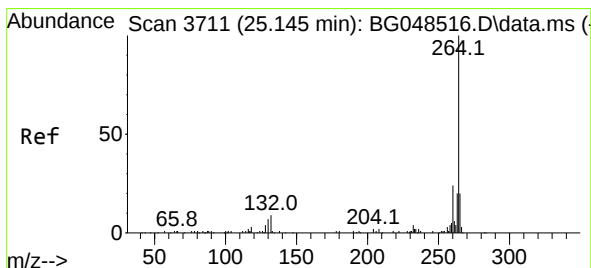
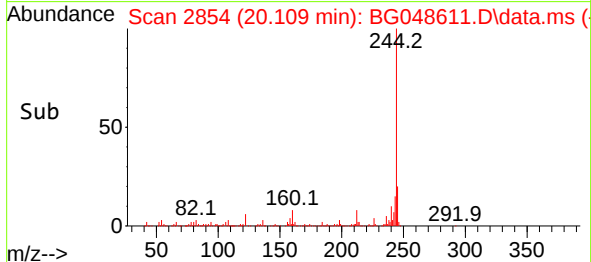
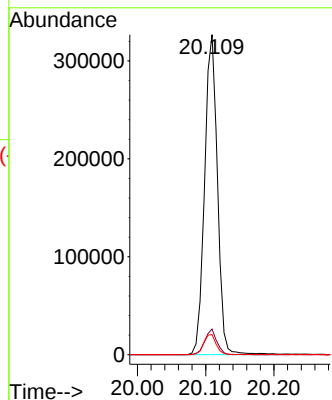
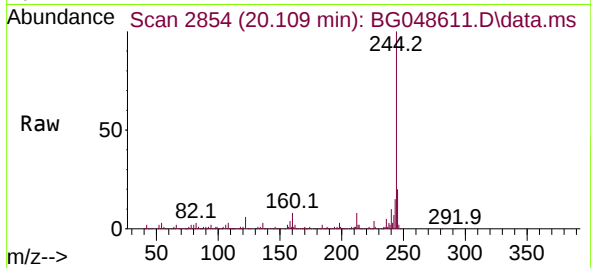




#79
Terphenyl-d14
Concen: 44.04 ng
RT: 20.109 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_05_2-2.5

Tgt Ion:244 Resp: 427603
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 6.3 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.139 min Scan# 3710
Delta R.T. -0.012 min
Lab File: BG048611.D
Acq: 6 Apr 2021 19:47

Tgt Ion:264 Resp: 178209
Ion Ratio Lower Upper
264 100
260 22.0 19.1 28.7
265 18.6 16.1 24.1

