

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
 Data File : BG048650.D
 Acq On : 9 Apr 2021 18:22
 Operator : CG/JU
 Sample : M1946-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB9

Quant Time: Apr 10 00:54:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

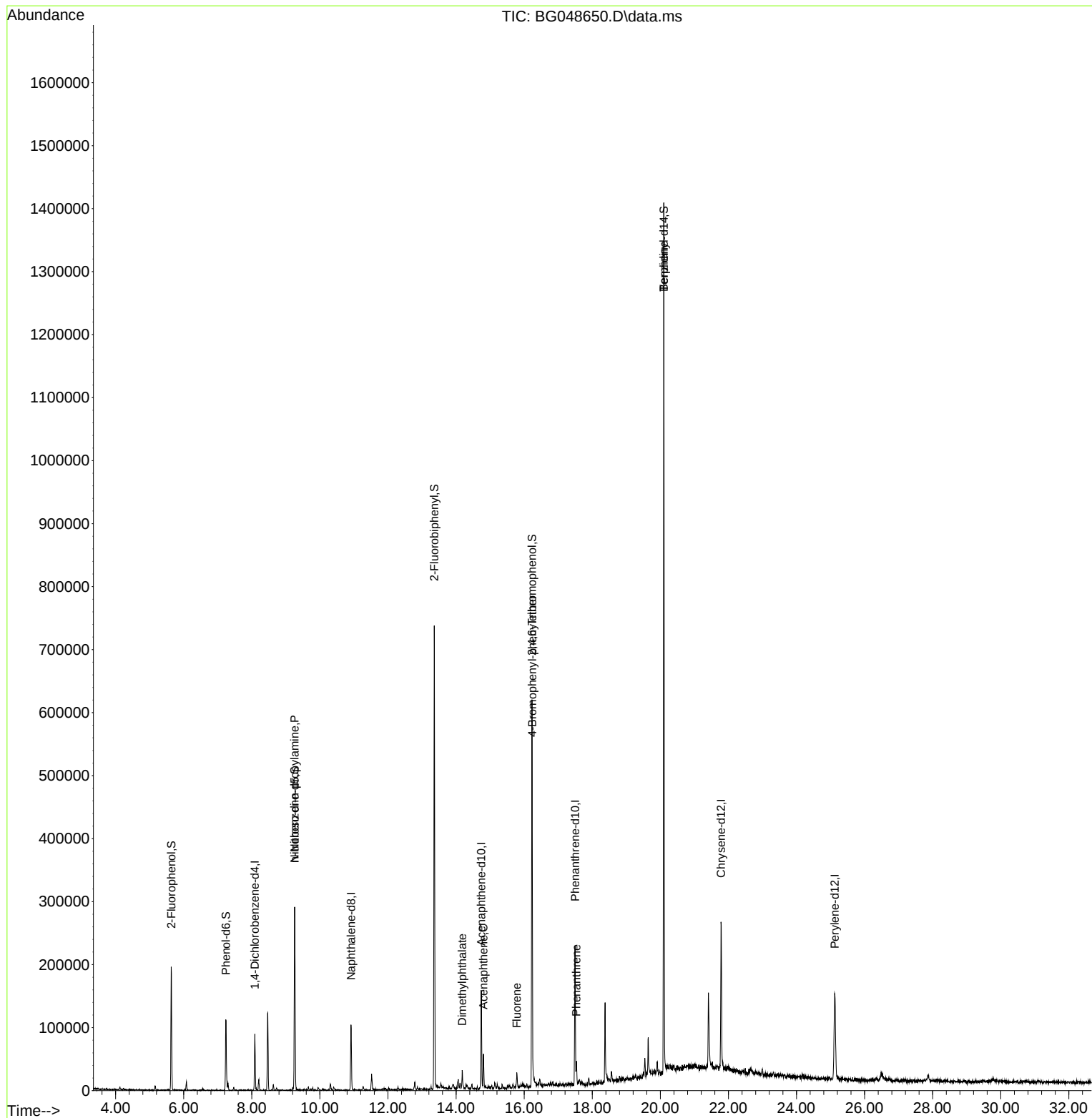
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	23104	20.00	ng	#-0.01
21) Naphthalene-d8	10.914	136	89721	20.00	ng	-0.01
39) Acenaphthene-d10	14.739	164	57205	20.00	ng	-0.01
64) Phenanthrene-d10	17.495	188	139796	20.00	ng	# 0.00
76) Chrysene-d12	21.784	240	150224	20.00	ng	-0.02
86) Perylene-d12	25.121	264	159249	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	78034	59.63	ng	0.00
7) Phenol-d6	7.236	99	56847	29.95	ng	-0.01
23) Nitrobenzene-d5	9.257	82	168903	91.14	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	113856	151.41	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	376436	97.81	ng	-0.01
79) Terphenyl-d14	20.103	244	650046	79.13	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.257	70	26857	20.53	ng	# 72
50) Dimethylphthalate	14.181	163	16954	3.99	ng	# 98
52) Acenaphthene	14.804	154	18771	5.20	ng	91
58) Fluorene	15.785	166	9899	2.24	ng	# 81
67) 4-Bromophenyl-phenylether	16.237	248	8936	5.77	ng	# 1
71) Phenanthrene	17.536	178	19832	2.73	ng	# 89
77) Benzidine	20.103	184	12414	2.44	ng	# 87

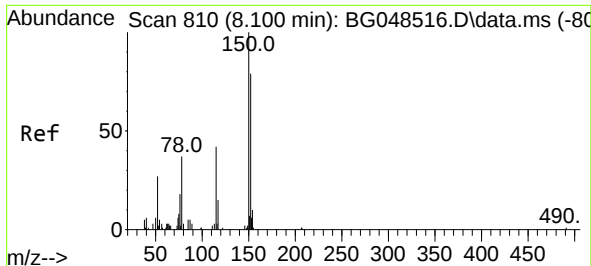
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
Data File : BG048650.D
Acq On : 9 Apr 2021 18:22
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB9

Quant Time: Apr 10 00:54:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

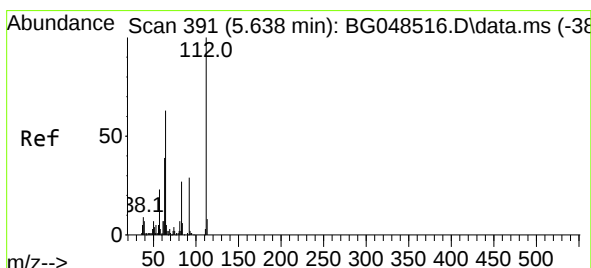
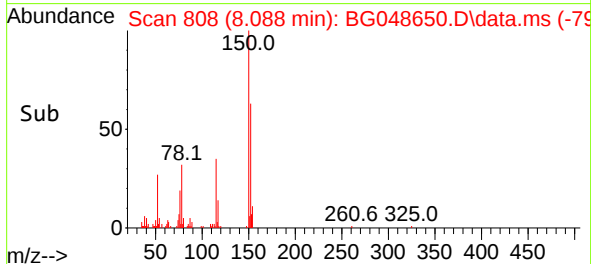
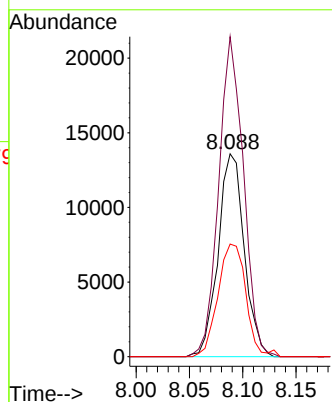
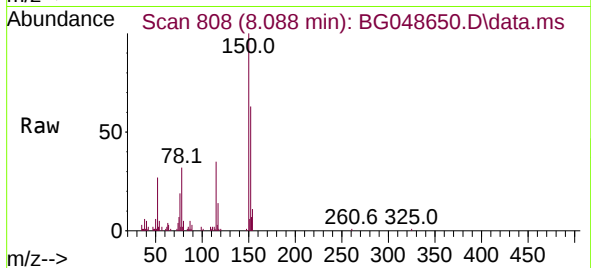




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.088 min Scan# 808
Delta R.T. -0.012 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

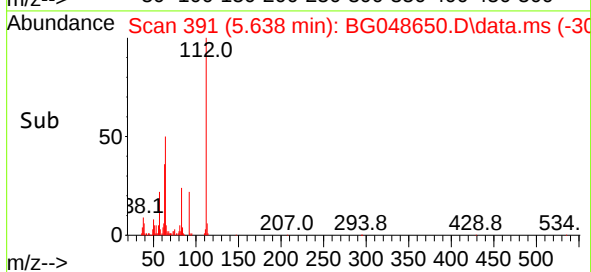
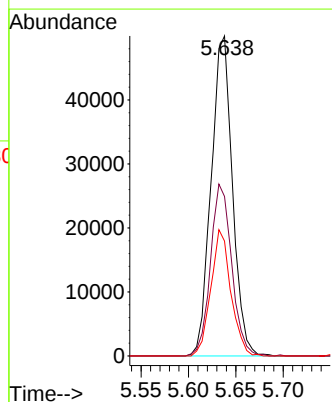
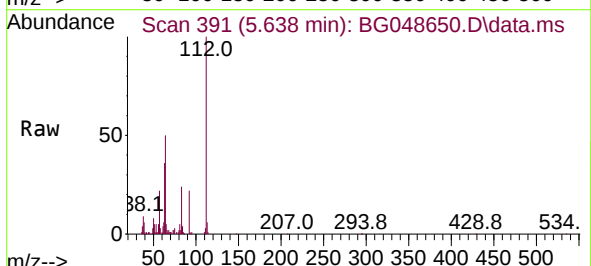
Instrument :
BNA_G
ClientSampleId :
FS-SB9

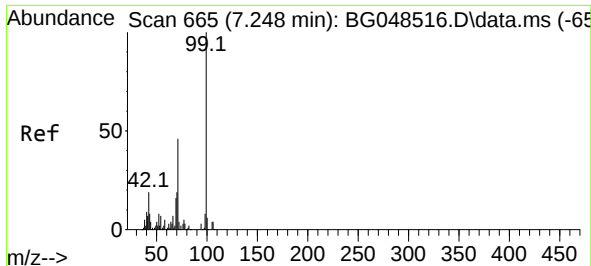
Tgt Ion:152 Resp: 23104
Ion Ratio Lower Upper
152 100
150 157.8 101.3 151.9#
115 55.5 42.3 63.5



#5
2-Fluorophenol
Concen: 59.63 ng
RT: 5.638 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

Tgt Ion:112 Resp: 78034
Ion Ratio Lower Upper
112 100
64 49.9 50.4 75.6#
63 35.9 31.4 47.2

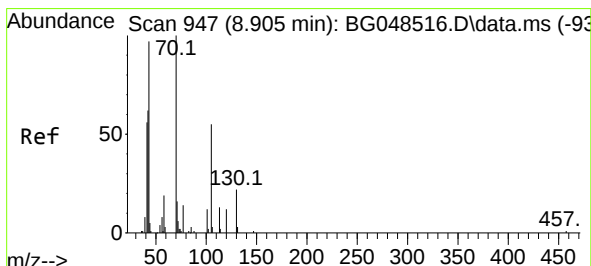
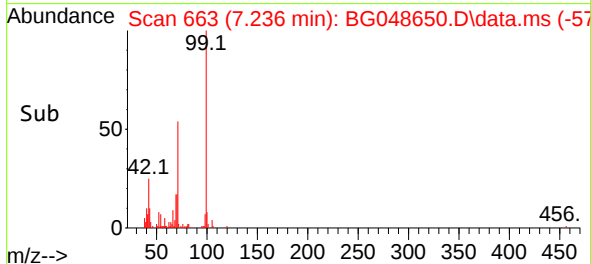
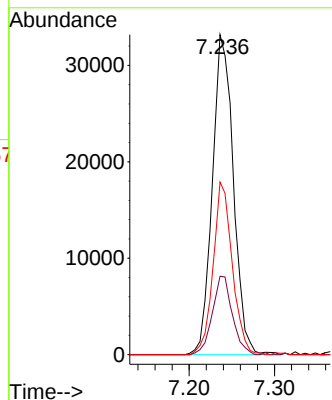
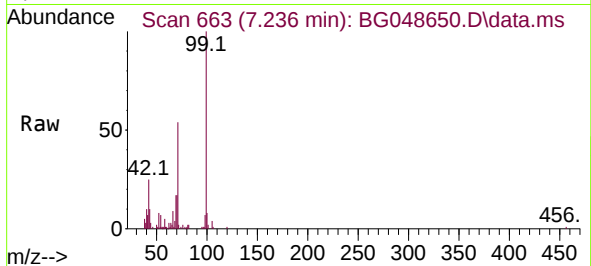




#7
Phenol-d6
Concen: 29.95 ng
RT: 7.236 min Scan# 663
Delta R.T. -0.012 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

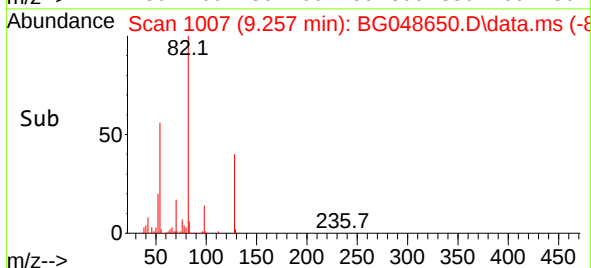
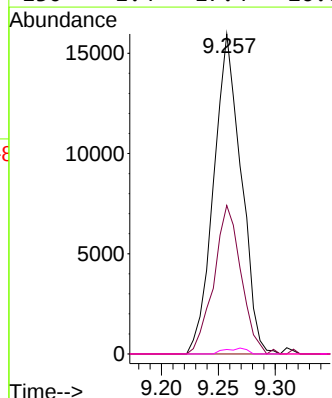
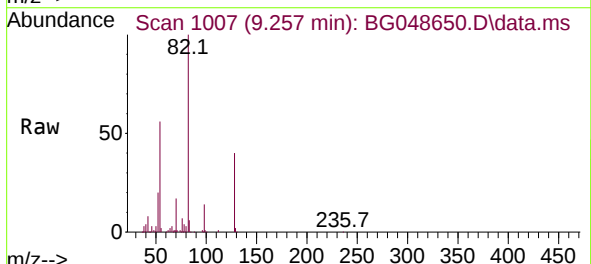
Instrument :
BNA_G
ClientSampleId :
FS-SB9

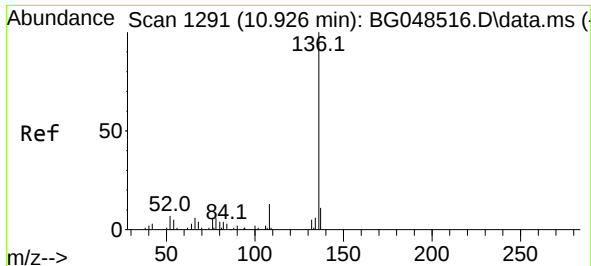
Tgt Ion: 99 Resp: 56847
Ion Ratio Lower Upper
99 100
42 24.5 15.5 23.3#
71 53.9 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.53 ng
RT: 9.257 min Scan# 1007
Delta R.T. 0.352 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

Tgt Ion: 70 Resp: 26857
Ion Ratio Lower Upper
70 100
42 46.4 50.8 76.2#
101 0.0 9.7 14.5#
130 1.4 17.4 26.0#

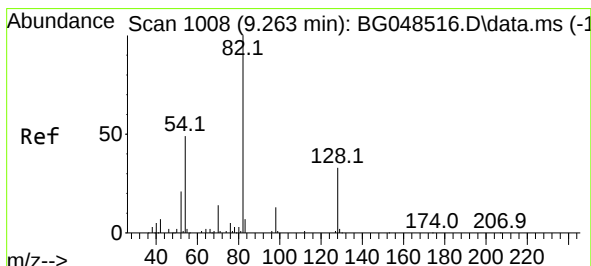
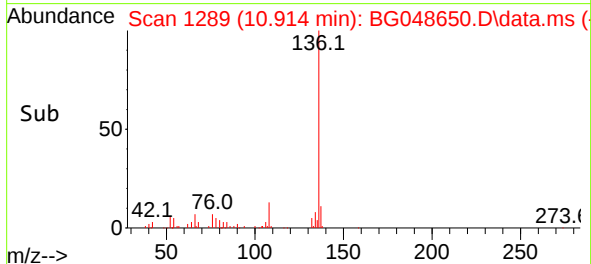
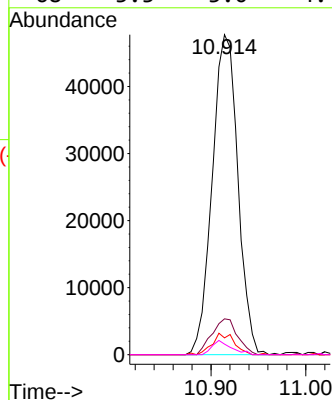
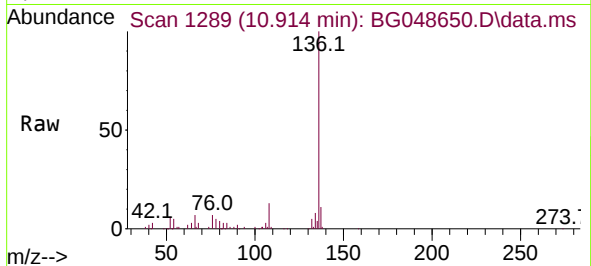




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

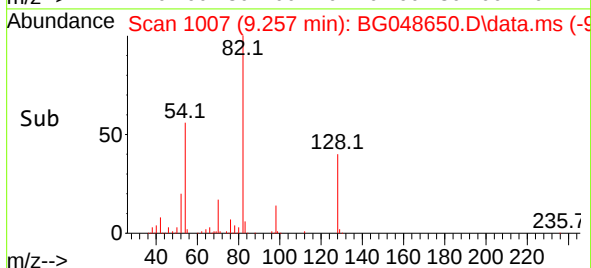
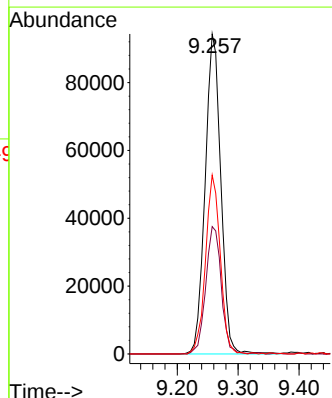
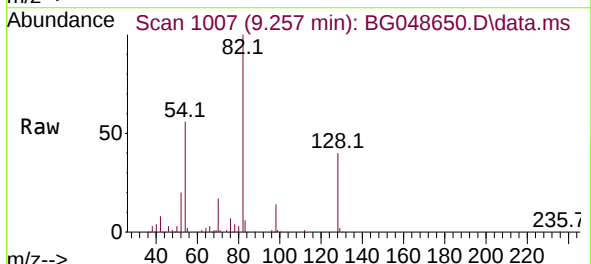
Instrument :
BNA_G
ClientSampleId :
FS-SB9

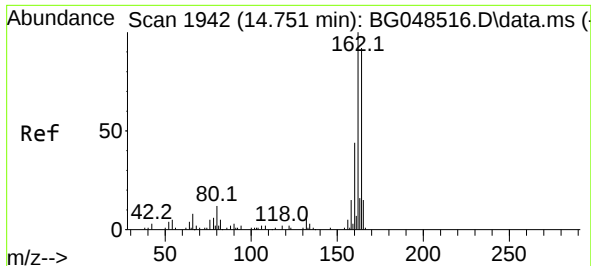
Tgt Ion:136	Resp:	89721
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.6 12.8
54	5.3	4.2 6.4
68	3.3	3.0 4.4



#23
Nitrobenzene-d5
Concen: 91.14 ng
RT: 9.257 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

Tgt Ion: 82	Resp:	168903
Ion Ratio	Lower	Upper
82	100	
128	39.8	26.2 39.4
54	55.9	38.9 58.3

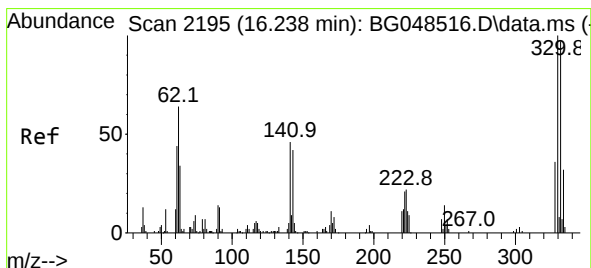
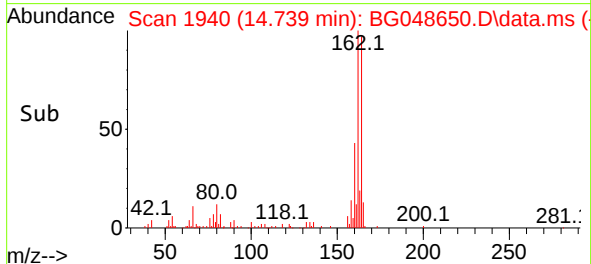
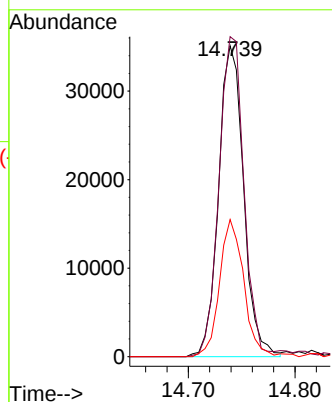
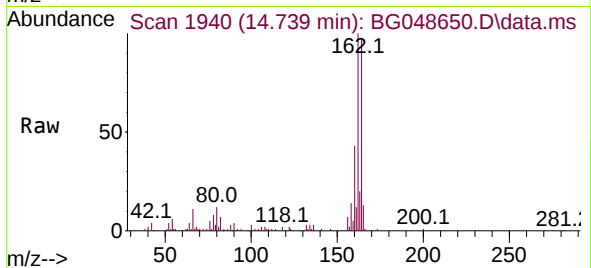




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

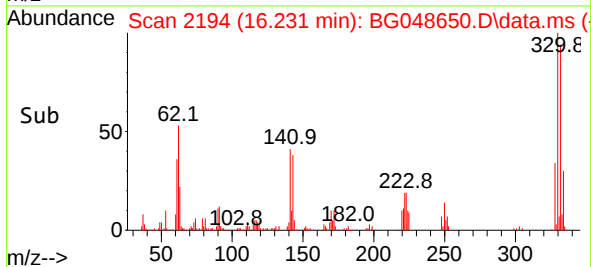
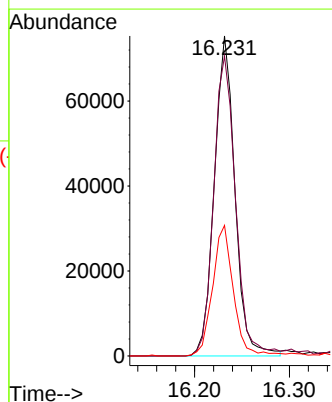
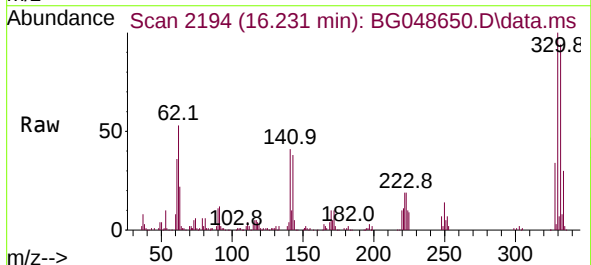
Instrument :
BNA_G
ClientSampled :
FS-SB9

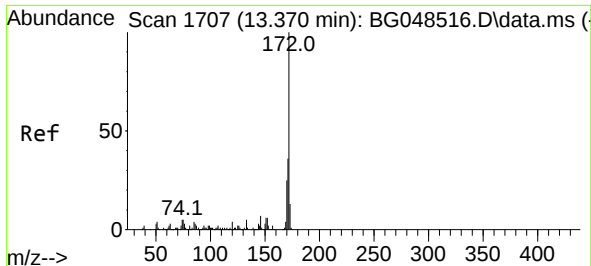
Tgt Ion:164 Resp: 57205
Ion Ratio Lower Upper
164 100
162 102.9 87.0 130.6
160 44.1 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 151.41 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

Tgt Ion:330 Resp: 113856
Ion Ratio Lower Upper
330 100
332 99.6 77.6 116.4
141 41.4 34.6 52.0

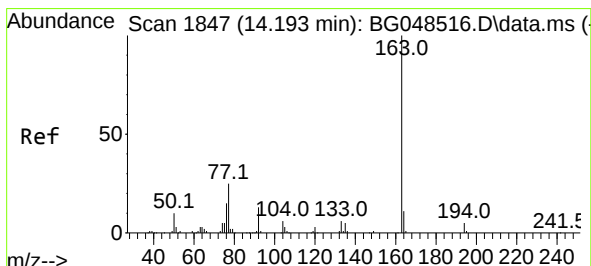
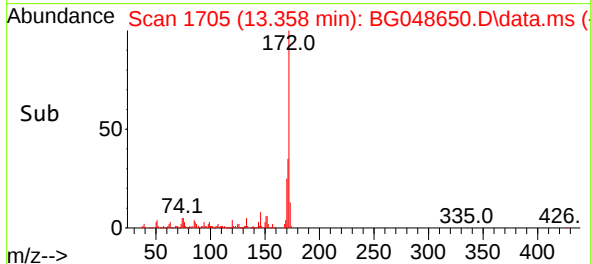
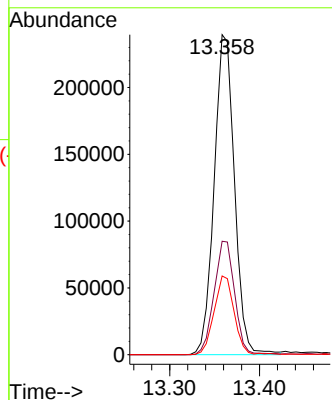
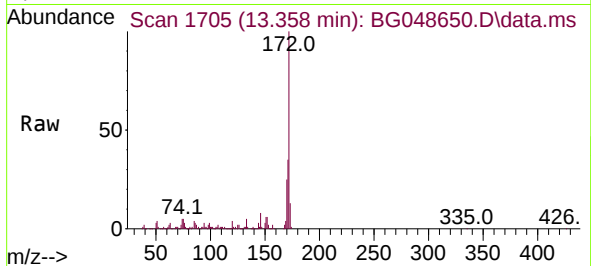




#45
2-Fluorobiphenyl
Concen: 97.81 ng
RT: 13.358 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

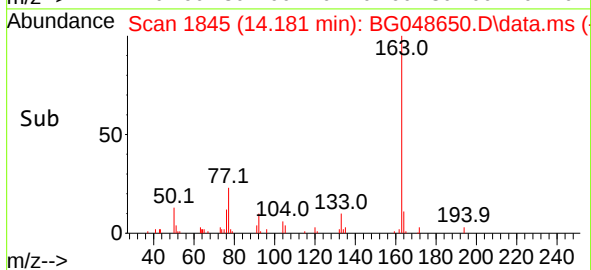
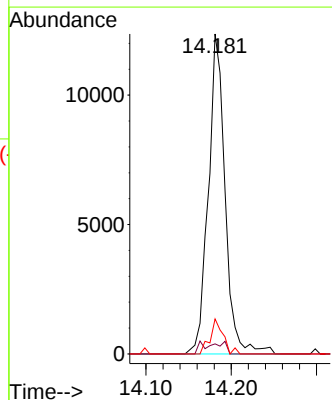
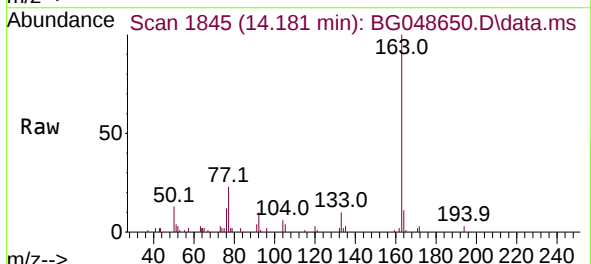
Instrument :
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ClientSampleId :
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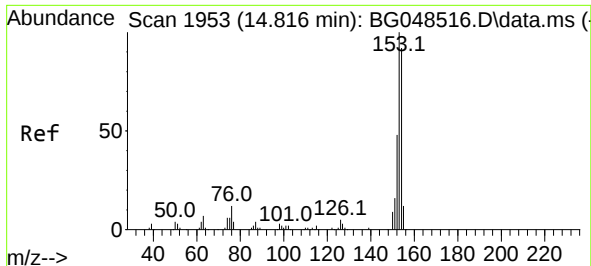
Tgt Ion:	172	Resp:	376436
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.5	42.7
170	24.6	19.8	29.6



#50
Dimethylphthalate
Concen: 3.99 ng
RT: 14.181 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

Tgt Ion:	163	Resp:	16954
Ion Ratio	Lower	Upper	
163	100		
194	3.2	4.1	6.1#
164	11.0	8.6	12.8

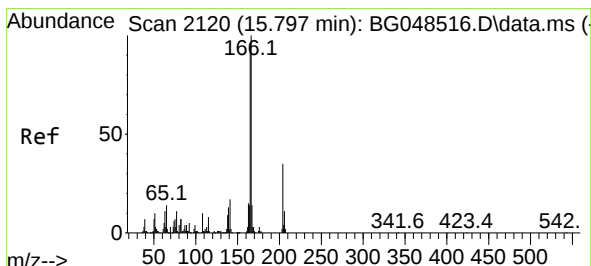
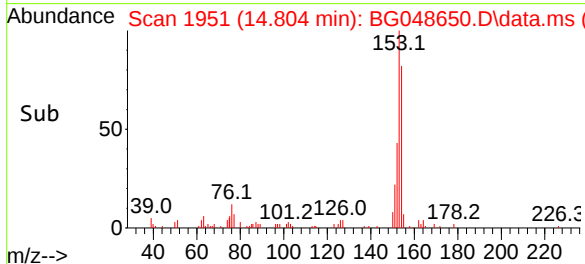
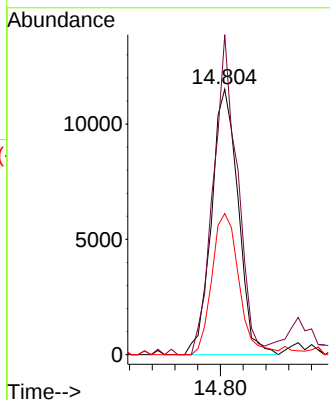
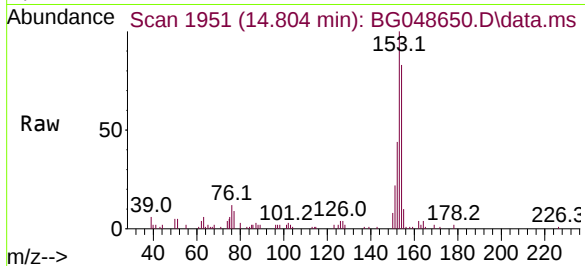




#52
Acenaphthene
Concen: 5.20 ng
RT: 14.804 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

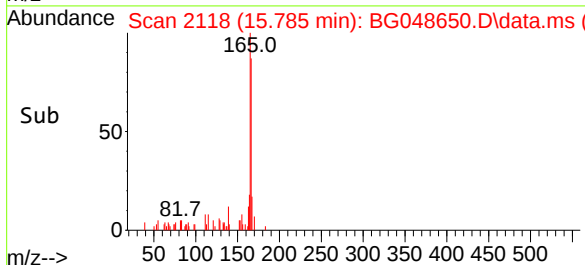
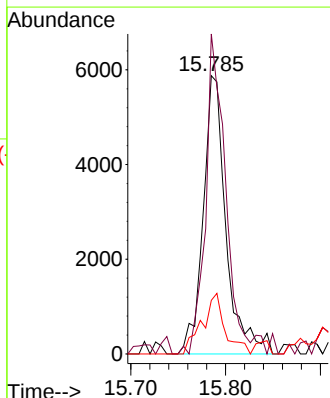
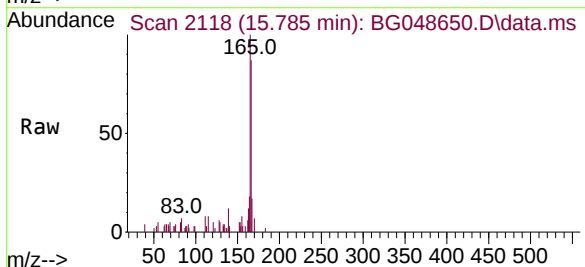
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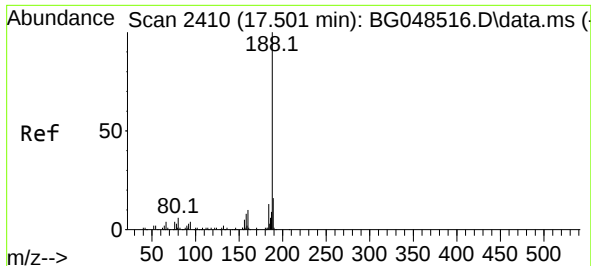
Tgt Ion:154 Resp: 18771
Ion Ratio Lower Upper
154 100
153 120.5 86.6 129.8
152 53.2 41.5 62.3



#58
Fluorene
Concen: 2.24 ng
RT: 15.785 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

Tgt Ion:166 Resp: 9899
Ion Ratio Lower Upper
166 100
165 115.0 76.8 115.2
167 19.3 11.1 16.7#

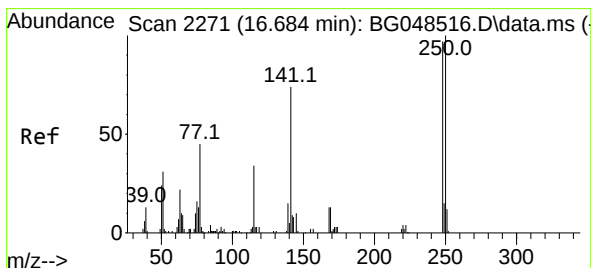
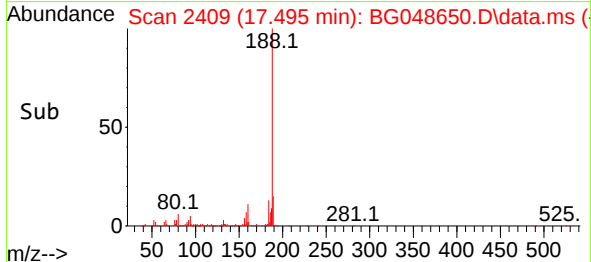
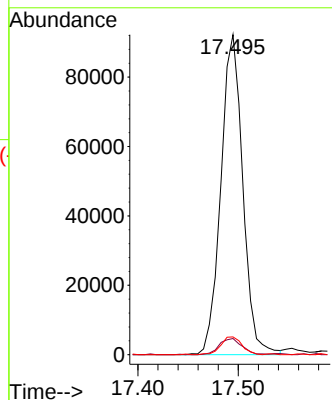
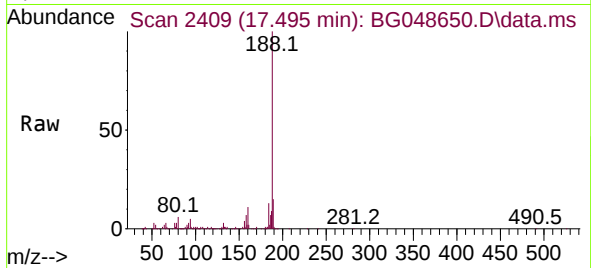




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.495 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

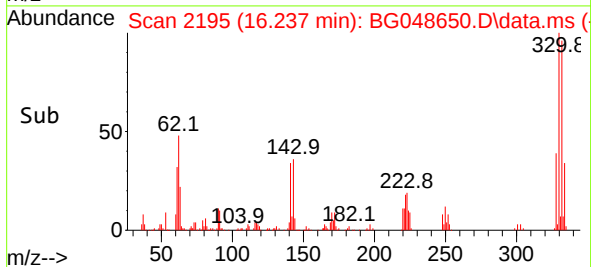
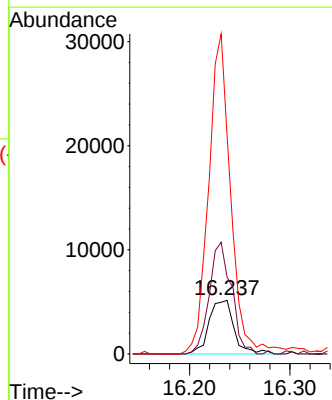
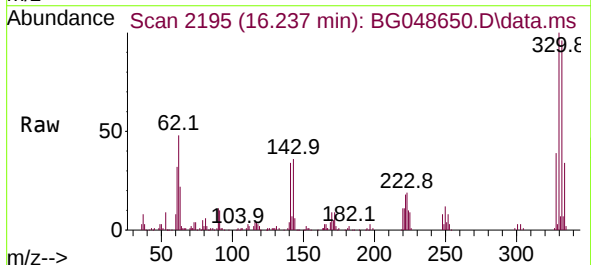
Instrument :
BNA_G
ClientSampleId :
FS-SB9

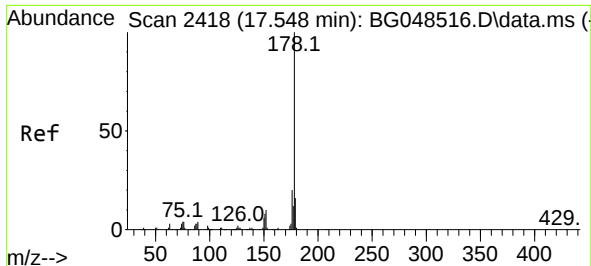
Tgt Ion:188 Resp: 139796
Ion Ratio Lower Upper
188 100
94 5.1 3.0 4.6#
80 5.6 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 5.77 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.447 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

Tgt Ion:248 Resp: 8936
Ion Ratio Lower Upper
248 100
250 143.2 82.6 124.0#
141 407.3 61.0 91.6#

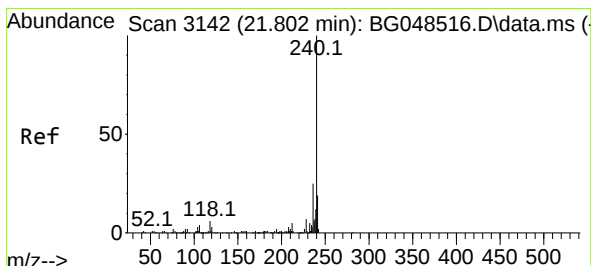
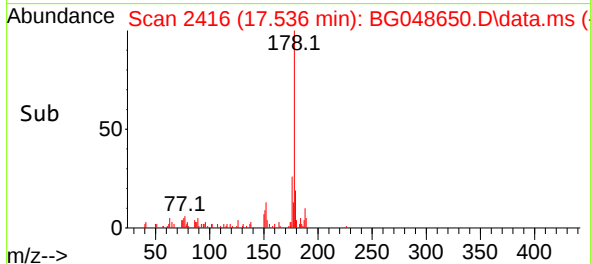
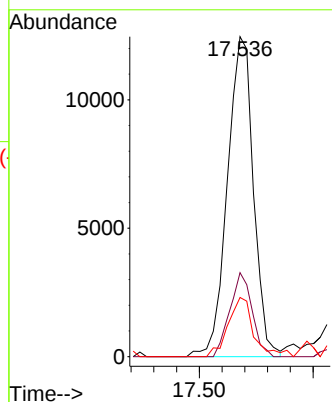
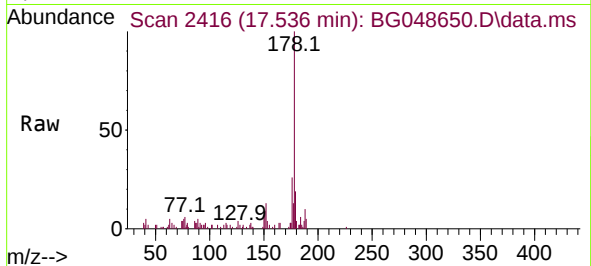




#71
Phenanthrene
Concen: 2.73 ng
RT: 17.536 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

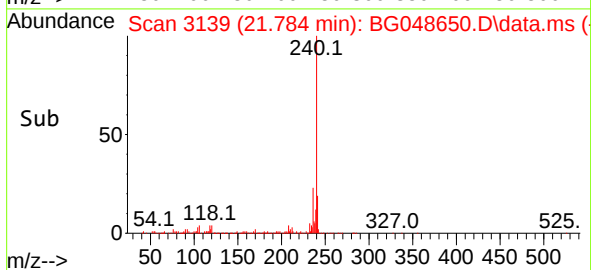
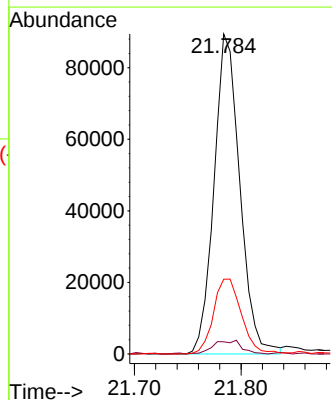
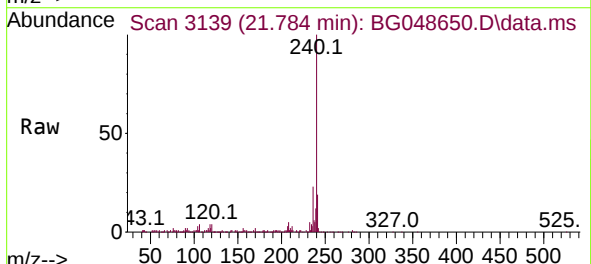
Instrument :
BNA_G
ClientSampleId :
FS-SB9

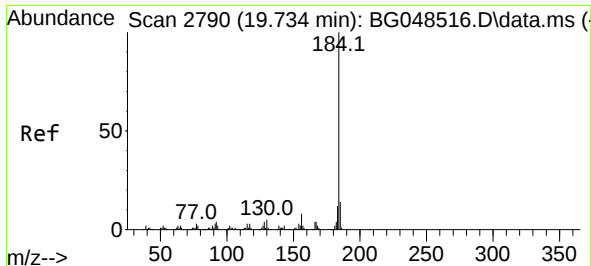
Tgt Ion:178 Resp: 19832
Ion Ratio Lower Upper
178 100
176 26.2 15.6 23.4#
179 18.5 12.9 19.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.784 min Scan# 3139
Delta R.T. -0.018 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

Tgt Ion:240 Resp: 150224
Ion Ratio Lower Upper
240 100
120 3.8 2.6 3.8
236 23.3 19.8 29.6

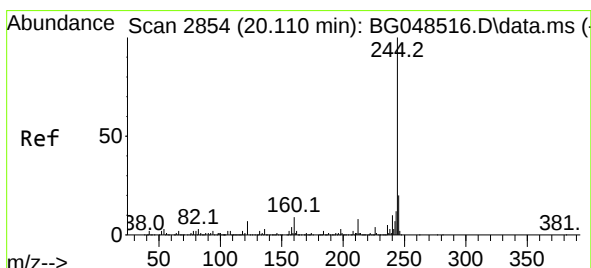
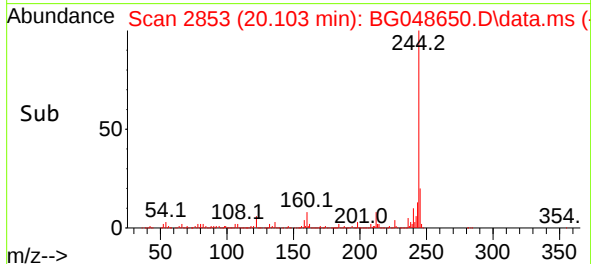
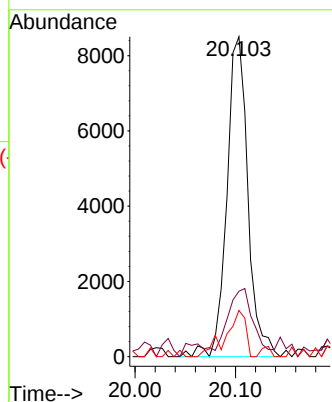
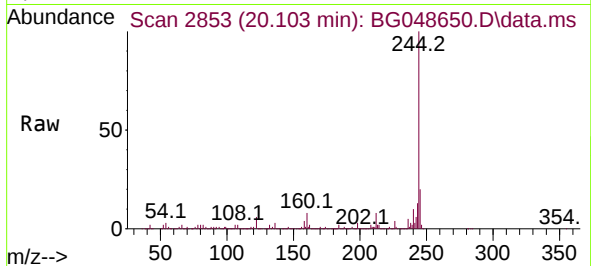




#77
Benzidine
Concen: 2.44 ng
RT: 20.103 min Scan# 2853
Delta R.T. 0.370 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

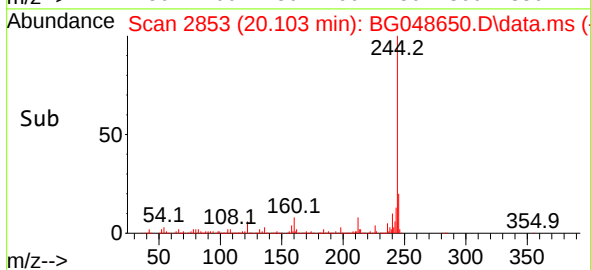
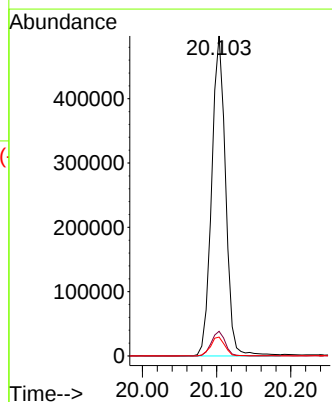
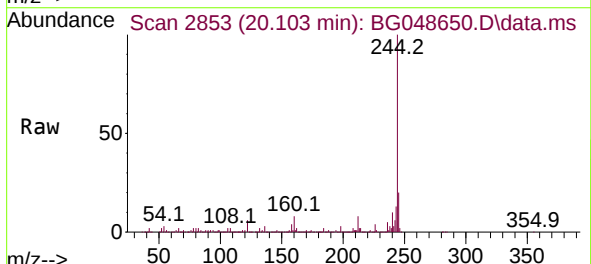
Instrument :
BNA_G
ClientSampleId :
FS-SB9

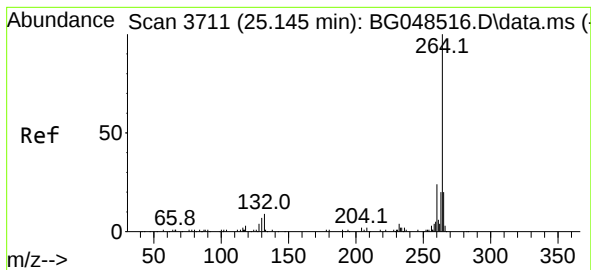
Tgt Ion:184 Resp: 12414
Ion Ratio Lower Upper
184 100
185 20.4 11.0 16.4#
183 14.5 9.2 13.8#



#79
Terphenyl-d14
Concen: 79.13 ng
RT: 20.103 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048650.D
Acq: 9 Apr 2021 18:22

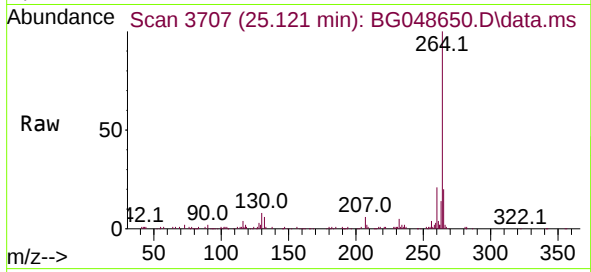
Tgt Ion:244 Resp: 650046
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 5.9 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.121 min Scan# 3707
 Delta R.T. -0.024 min
 Lab File: BG048650.D
 Acq: 9 Apr 2021 18:22

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB9



Tgt Ion:264 Resp: 159249

Ion	Ratio	Lower	Upper
264	100		
260	21.2	19.1	28.7
265	20.1	16.1	24.1

