

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
 Data File : BG047855.D
 Acq On : 31 Dec 2020 19:34
 Operator : CG/JU
 Sample : L5242-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-4(464+26)

Quant Time: Dec 31 23:49:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

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

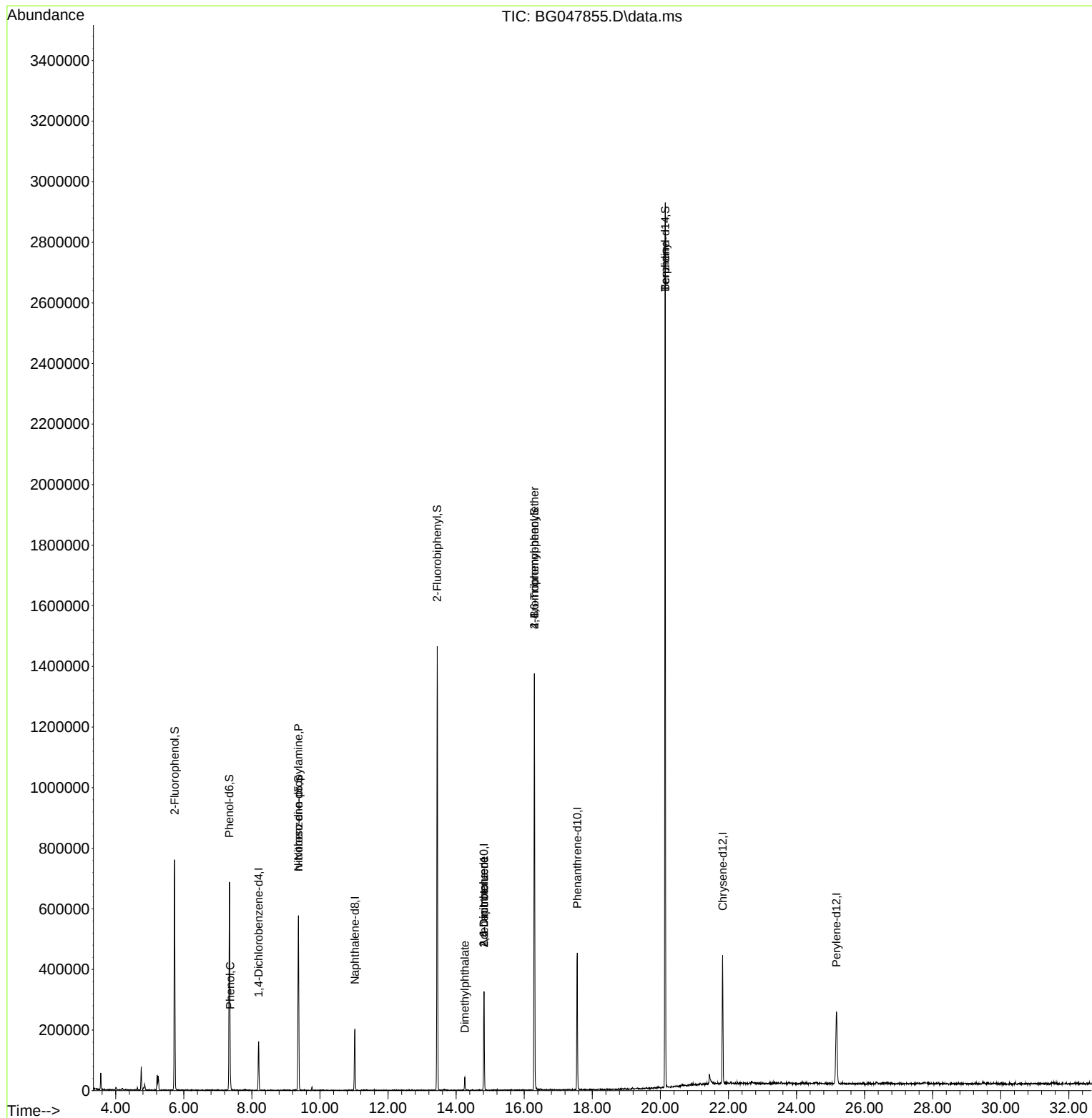
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	38567	20.00	ng	0.00
21) Naphthalene-d8	11.025	136	153197	20.00	ng	# 0.00
39) Acenaphthene-d10	14.821	164	111361	20.00	ng	0.00
64) Phenanthrene-d10	17.559	188	280565	20.00	ng	# 0.00
76) Chrysene-d12	21.830	240	271669	20.00	ng	# 0.00
86) Perylene-d12	25.173	264	273363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.731	112	261234	117.18	ng	0.00
7) Phenol-d6	7.341	99	328314	100.74	ng	0.00
23) Nitrobenzene-d5	9.368	82	332655	79.87	ng	0.00
42) 2,4,6-Tribromophenol	16.301	330	246469	129.64	ng	0.00
45) 2-Fluorobiphenyl	13.446	172	716045	83.20	ng	0.00
79) Terphenyl-d14	20.144	244	1264067	76.67	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.365	94	13949	4.72	ng	# 44
19) n-Nitroso-di-n-propyla...	9.368	70	54182	23.89	ng	# 82
50) Dimethylphthalate	14.257	163	24384	2.54	ng	97
51) 2,6-Dinitrotoluene	14.821	165	15812	8.10	ng	# 37
57) 2,4-Dinitrotoluene	14.821	165	15812	5.45	ng	# 35
67) 4-Bromophenyl-phenylether	16.301	248	18266	4.84	ng	# 1
70) Pentachlorophenol	17.042	266	87	Below Cal		# 19
77) Benzidine	20.144	184	28788	3.94	ng	96

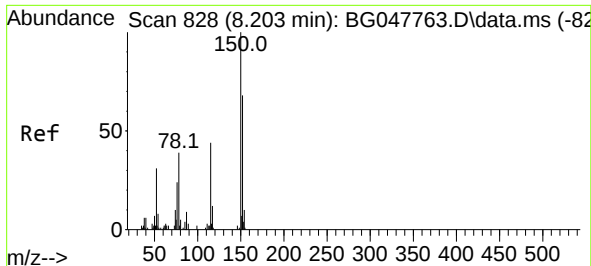
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
Data File : BG047855.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-4(464+26)

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QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

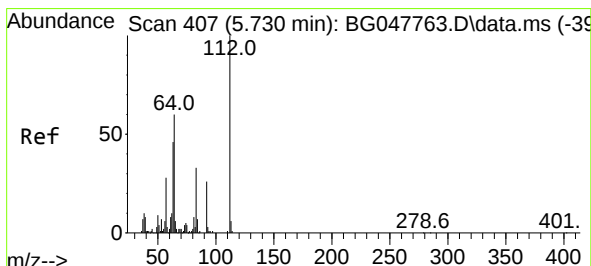
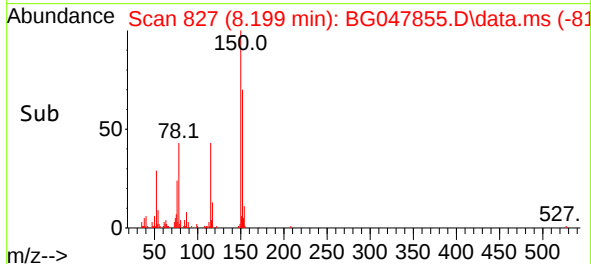
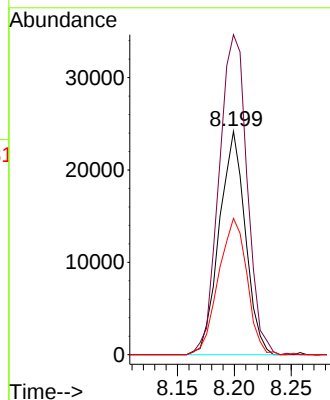
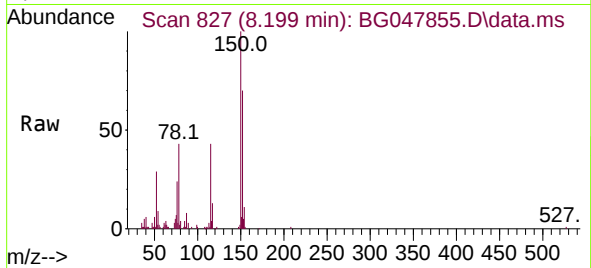




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.199 min Scan# 827
Delta R.T. -0.004 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

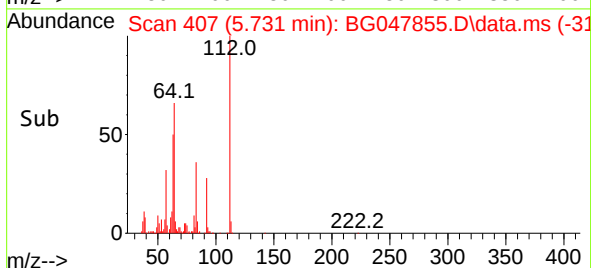
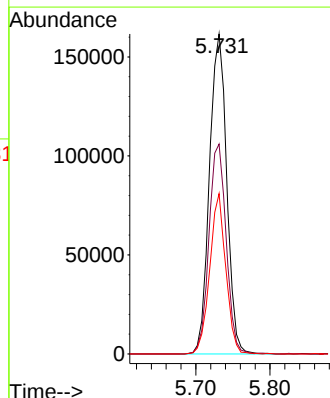
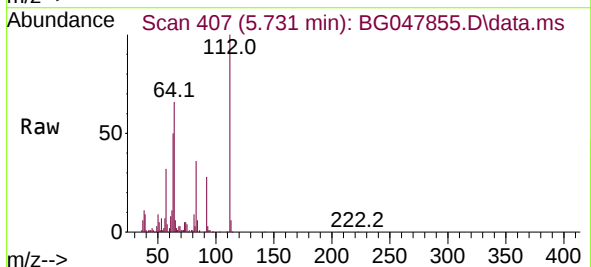
Instrument :
BNA_G
ClientSampleId :
SAMPLE-4(464+26)

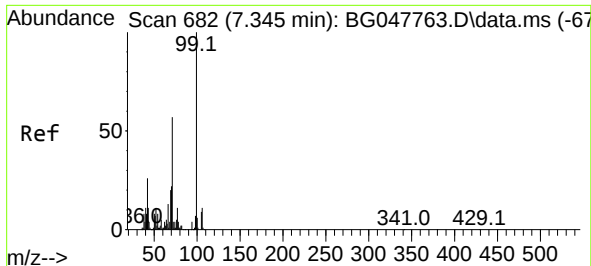
Tgt Ion:152 Resp: 38567
Ion Ratio Lower Upper
152 100
150 143.2 125.0 187.6
115 61.0 41.8 62.6



#5
2-Fluorophenol
Concen: 117.18 ng
RT: 5.731 min Scan# 407
Delta R.T. 0.002 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

Tgt Ion:112 Resp: 261234
Ion Ratio Lower Upper
112 100
64 65.6 46.7 70.1
63 50.1 22.8 34.2#

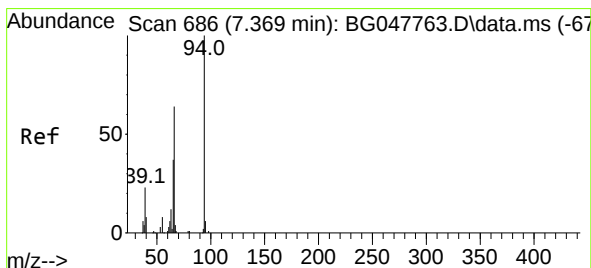
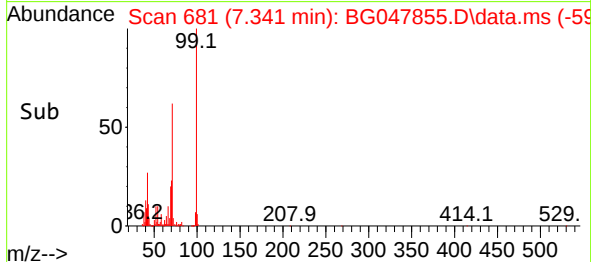
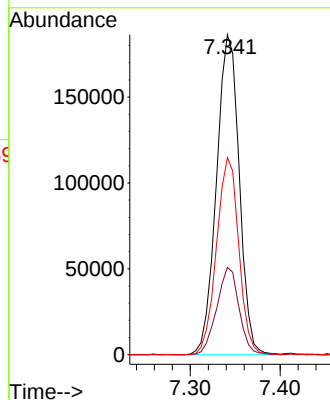
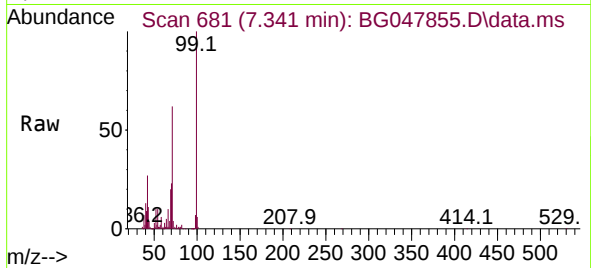




#7
Phenol-d6
Concen: 100.74 ng
RT: 7.341 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

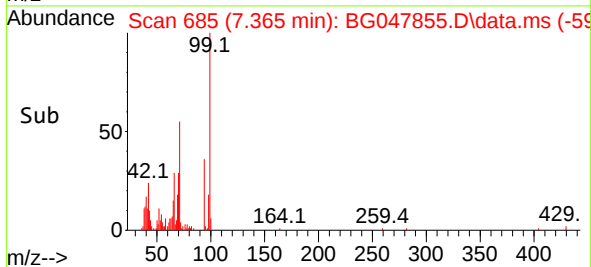
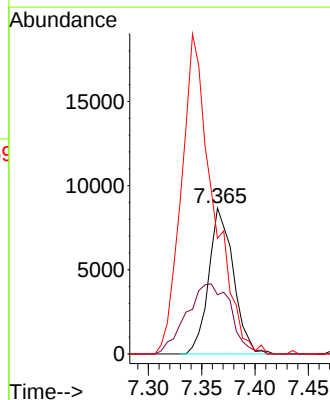
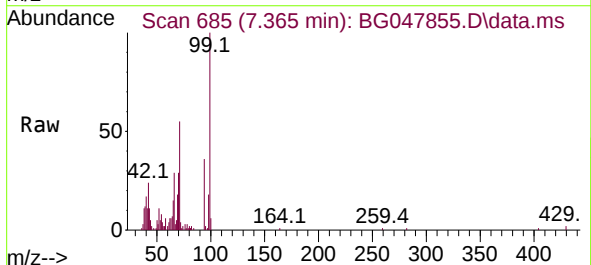
Instrument :
BNA_G
ClientSampleId :
SAMPLE-4(464+26)

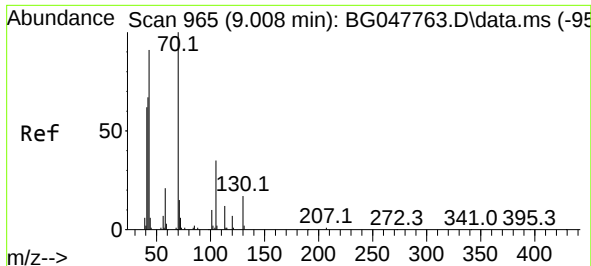
Tgt Ion: 99 Resp: 328314
Ion Ratio Lower Upper
99 100
42 27.3 12.8 19.2#
71 61.6 24.6 36.8#



#10
Phenol
Concen: 4.72 ng
RT: 7.365 min Scan# 685
Delta R.T. -0.004 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

Tgt Ion: 94 Resp: 13949
Ion Ratio Lower Upper
94 100
65 40.5 6.6 46.6
66 79.1 13.9 53.9#

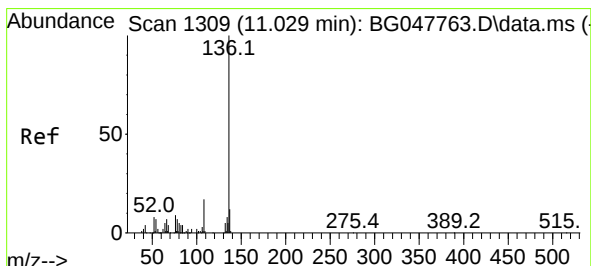
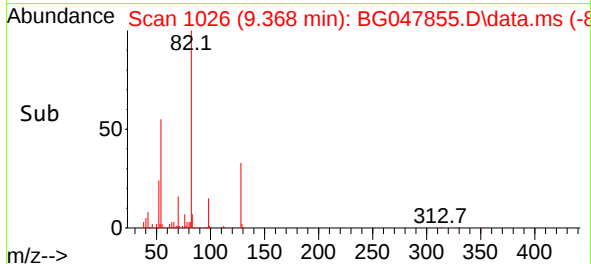
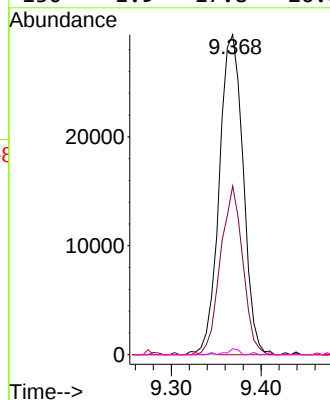
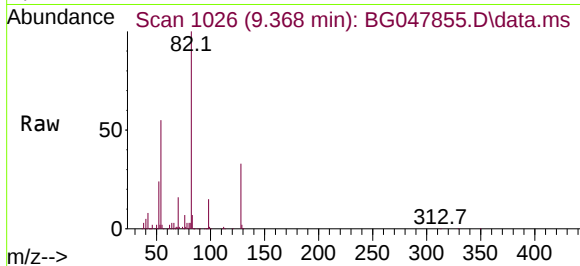




#19
n-Nitroso-di-n-propylamine
Concen: 23.89 ng
RT: 9.368 min Scan# 1026
Delta R.T. 0.360 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

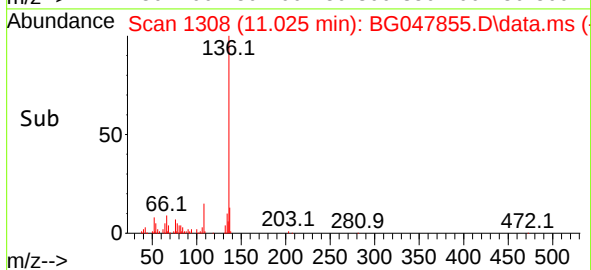
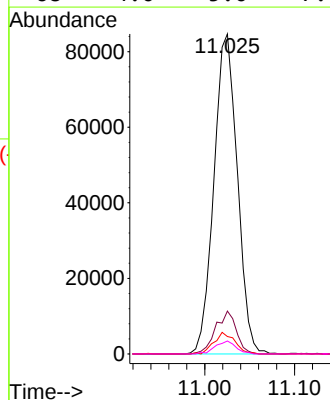
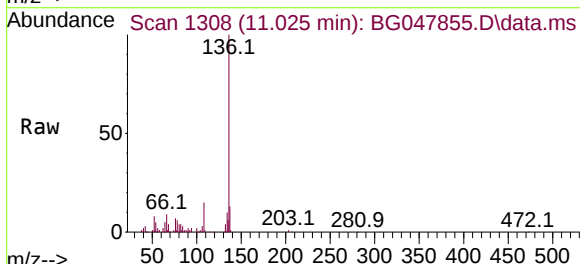
Instrument :
BNA_G
ClientSampleId :
SAMPLE-4(464+26)

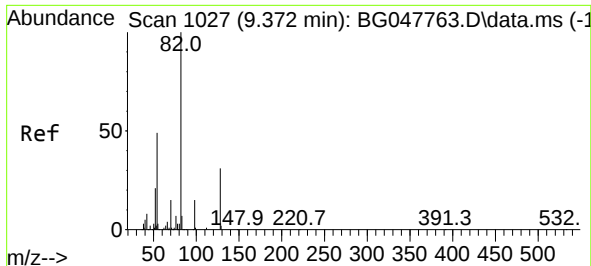
Tgt Ion: 70	Resp: 54182
Ion Ratio	Lower Upper
70 100	
42 52.7	45.6 68.4
101 0.0	8.4 12.6#
130 1.9	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.025 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

Tgt Ion: 136	Resp: 153197
Ion Ratio	Lower Upper
136 100	
137 13.4	9.1 13.7
54 5.5	6.2 9.4#
68 4.0	5.0 7.4#

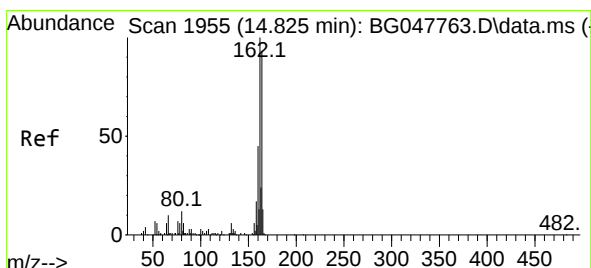
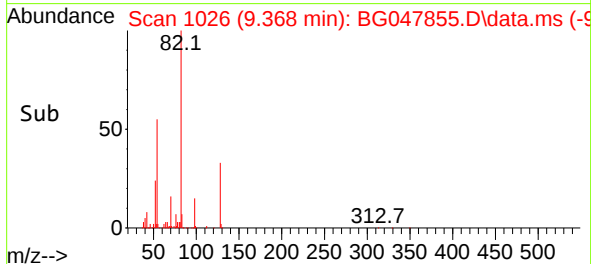
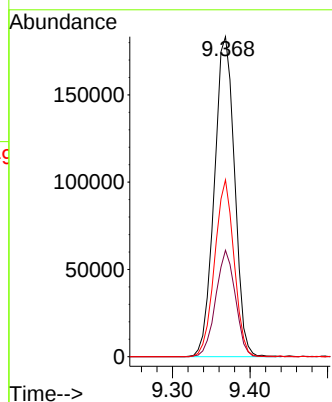
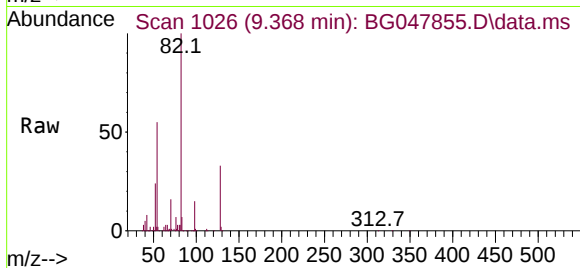




#23
Nitrobenzene-d5
Concen: 79.87 ng
RT: 9.368 min Scan# 1026
Delta R.T. -0.004 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

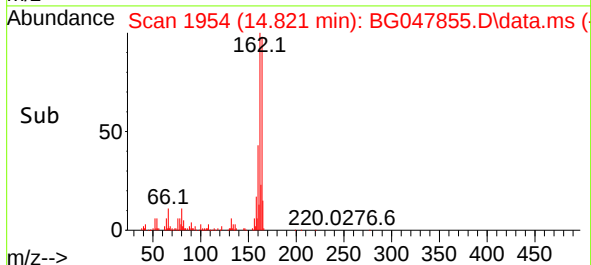
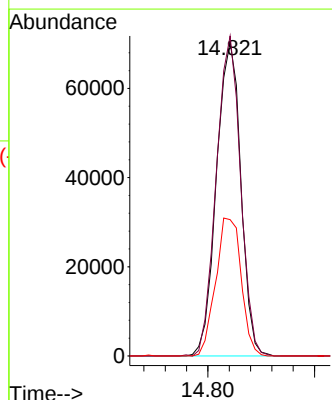
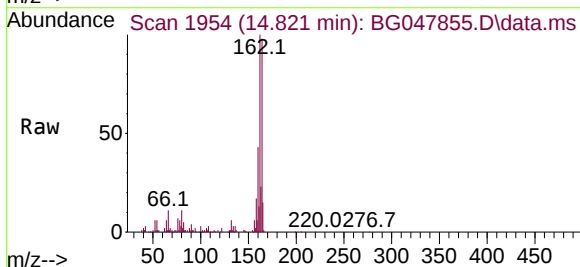
Instrument :
BNA_G
ClientSampleId :
SAMPLE-4(464+26)

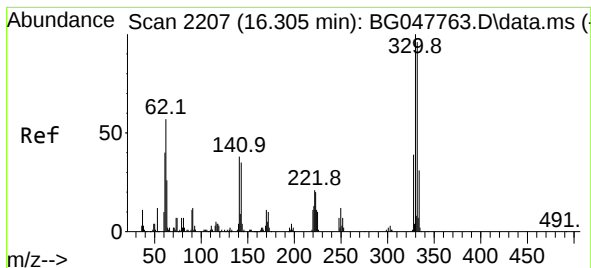
Tgt Ion: 82 Resp: 332655
Ion Ratio Lower Upper
82 100
128 33.2 37.0 55.6#
54 55.2 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.821 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

Tgt Ion:164 Resp: 111361
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 43.4 35.3 52.9

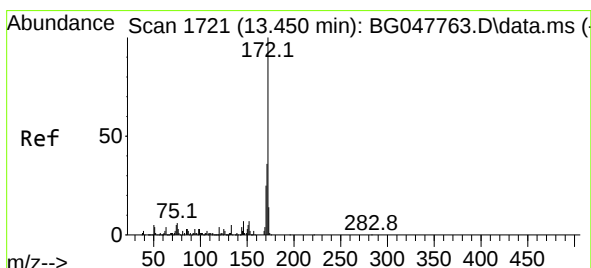
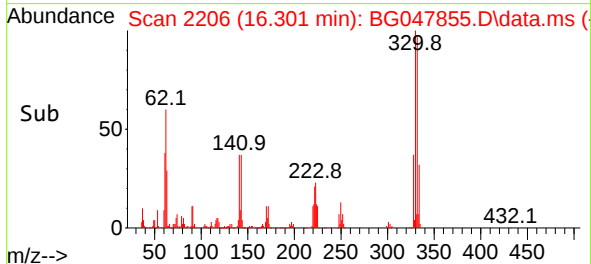
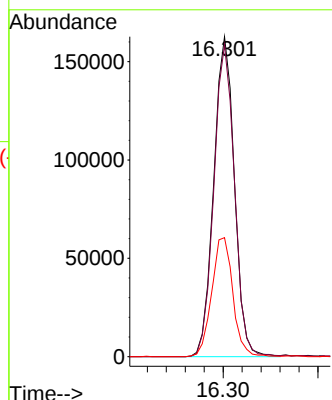
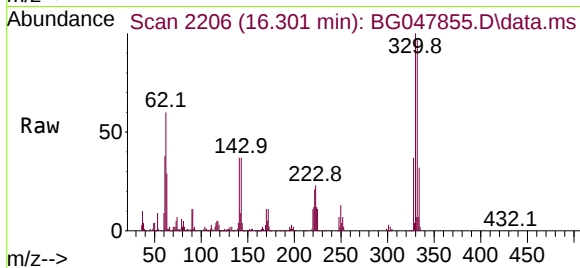




#42
2,4,6-Tribromophenol
Concen: 129.64 ng
RT: 16.301 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

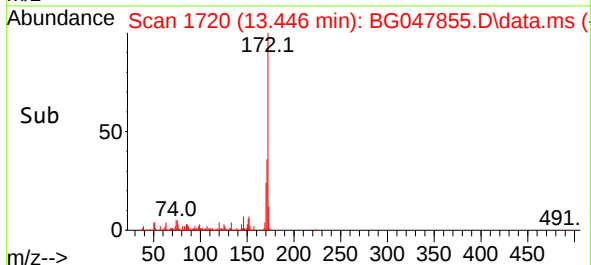
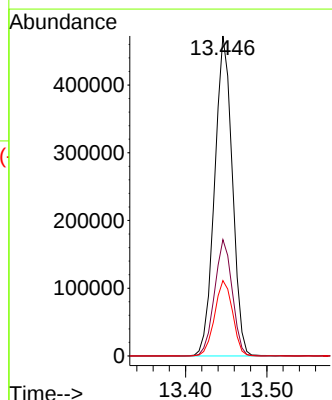
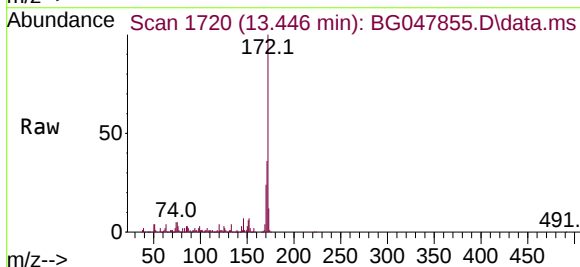
Instrument :
BNA_G
ClientSampleId :
SAMPLE-4(464+26)

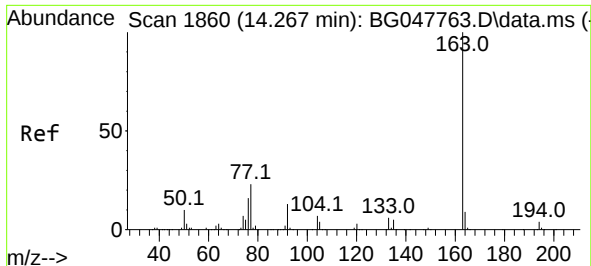
Tgt Ion:330 Resp: 246469
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 38.1 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 83.20 ng
RT: 13.446 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

Tgt Ion:172 Resp: 716045
Ion Ratio Lower Upper
172 100
171 36.3 31.3 46.9
170 23.5 20.8 31.2

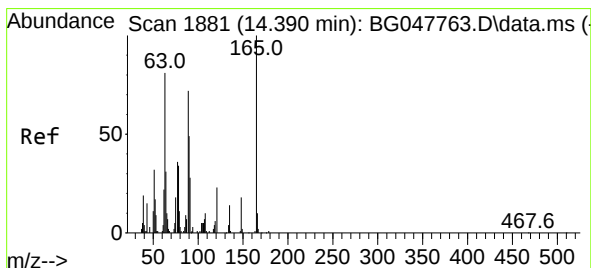
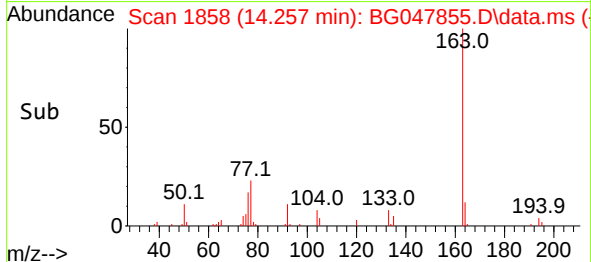
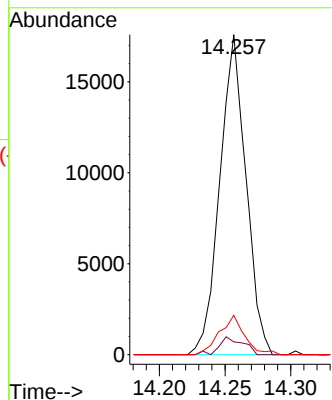
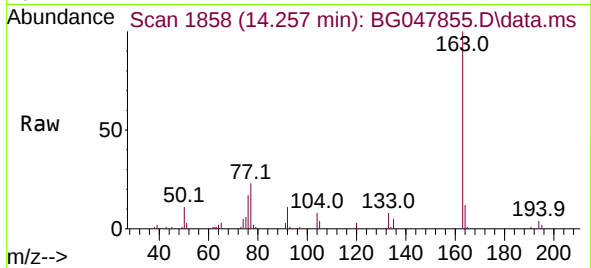




#50
Dimethylphthalate
Concen: 2.54 ng
RT: 14.257 min Scan# 1858
Delta R.T. -0.010 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

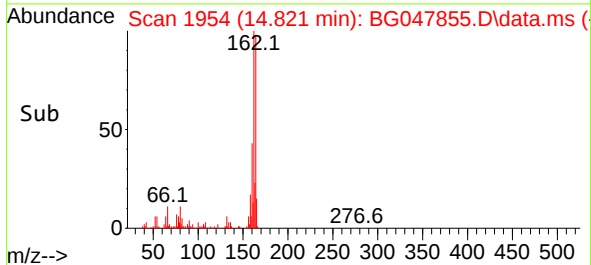
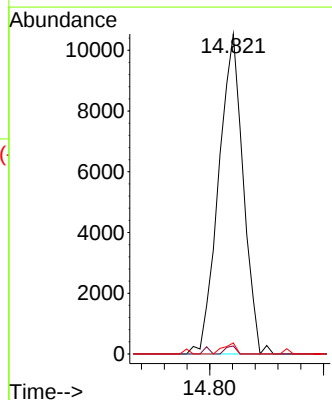
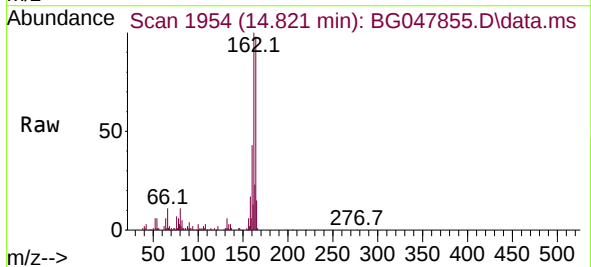
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SAMPLE-4(464+26)

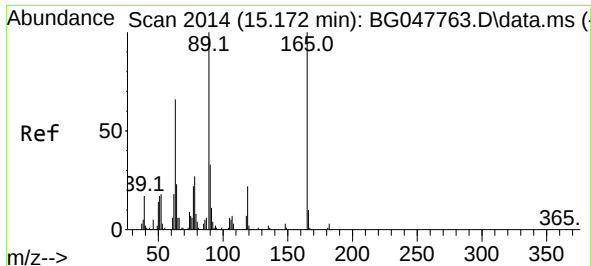
Tgt Ion:163 Resp: 24384
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.8
164 12.3 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 8.10 ng
RT: 14.821 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

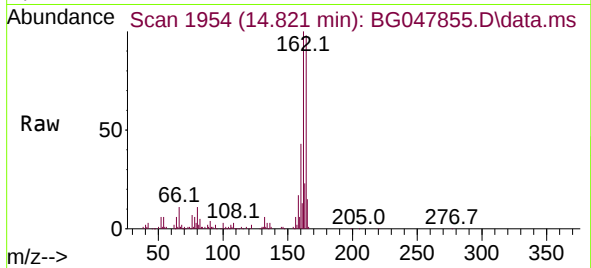
Tgt Ion:165 Resp: 15812
Ion Ratio Lower Upper
165 100
63 2.5 33.7 50.5#
89 3.4 36.6 54.8#



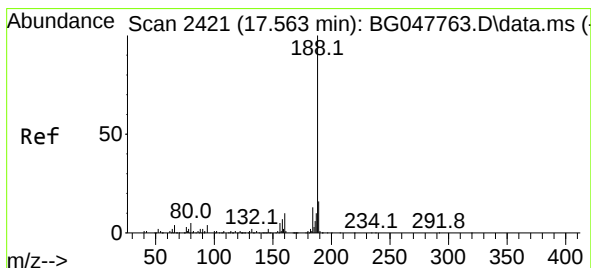
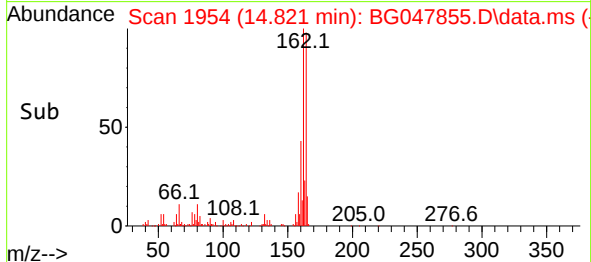
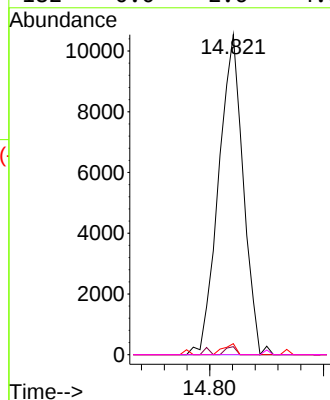


#57
2,4-Dinitrotoluene
Concen: 5.45 ng
RT: 14.821 min Scan# 1954
Delta R.T. -0.351 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

Instrument :
BNA_G
ClientSampleId :
SAMPLE-4(464+26)

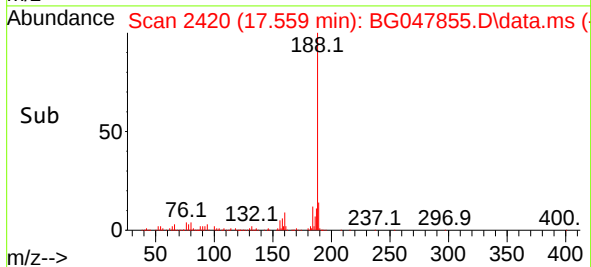
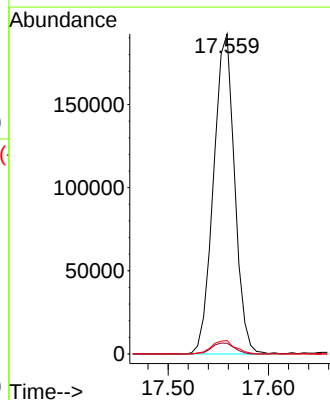
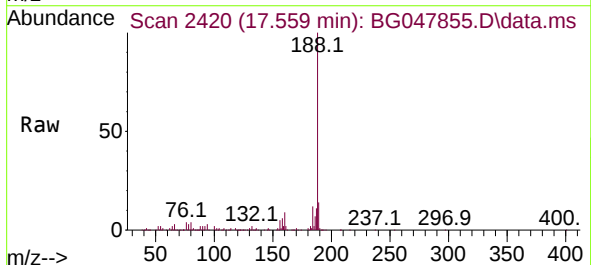


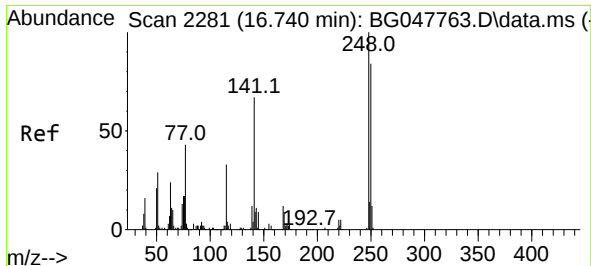
Tgt Ion:165 Resp: 15812
Ion Ratio Lower Upper
165 100
63 2.5 26.4 39.6#
89 3.4 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.559 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

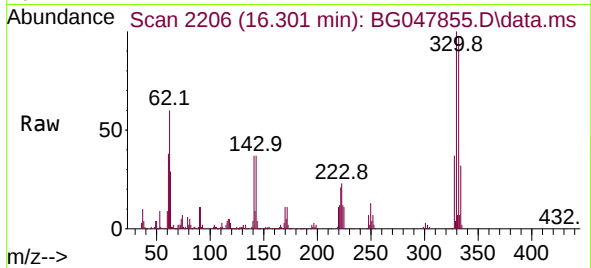
Tgt Ion:188 Resp: 280565
Ion Ratio Lower Upper
188 100
94 3.4 6.3 9.5#
80 4.2 7.0 10.6#



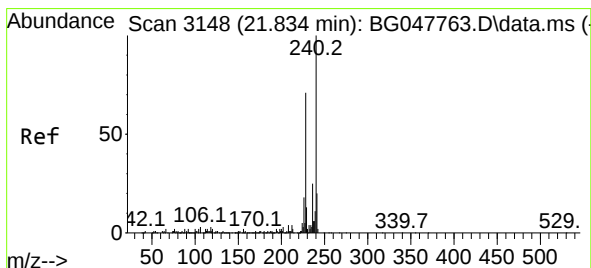
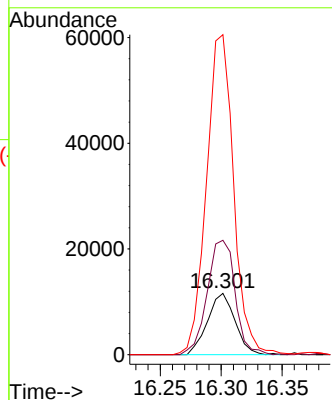
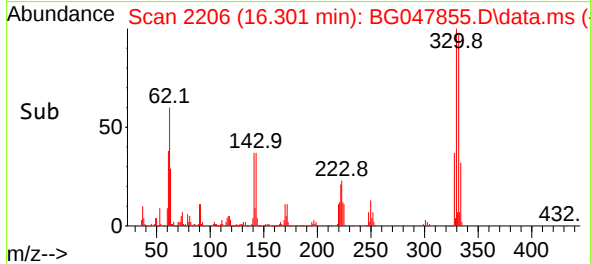


#67
4-Bromophenyl-phenylether
Concen: 4.84 ng
RT: 16.301 min Scan# 2206
Delta R.T. -0.439 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

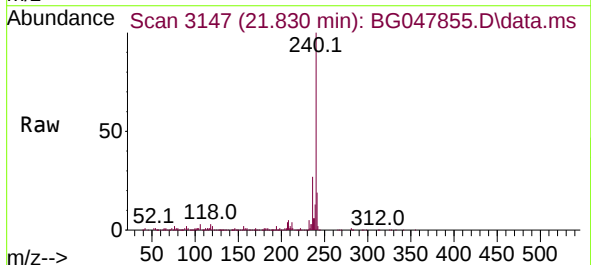
Instrument :
BNA_G
ClientSampleId :
SAMPLE-4(464+26)



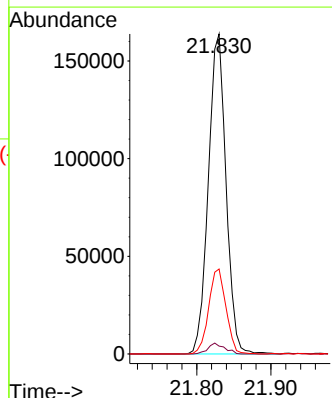
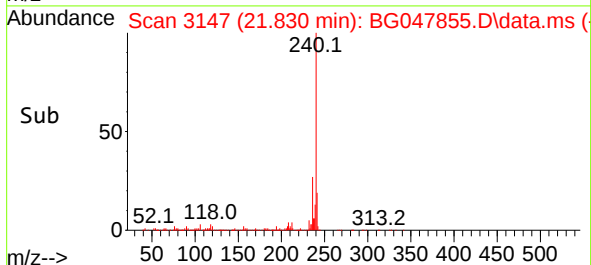
Tgt Ion:248 Resp: 18266
Ion Ratio Lower Upper
248 100
250 186.4 78.9 118.3#
141 521.7 46.2 69.4#

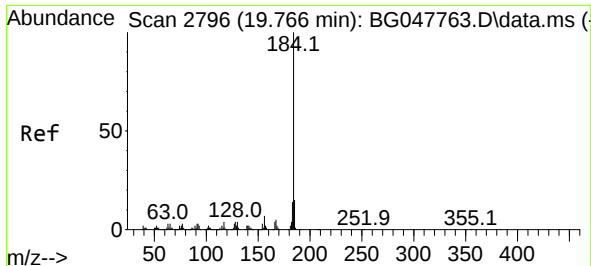


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.830 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34



Tgt Ion:240 Resp: 271669
Ion Ratio Lower Upper
240 100
120 2.5 6.2 9.4#
236 26.6 20.5 30.7

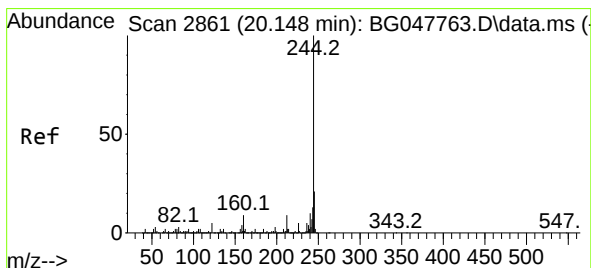
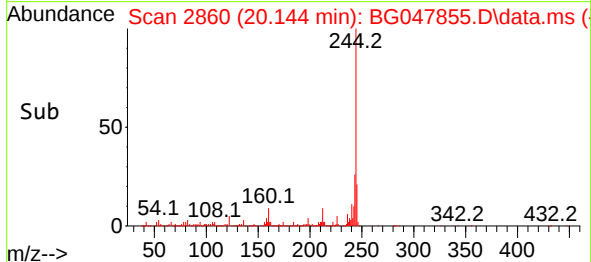
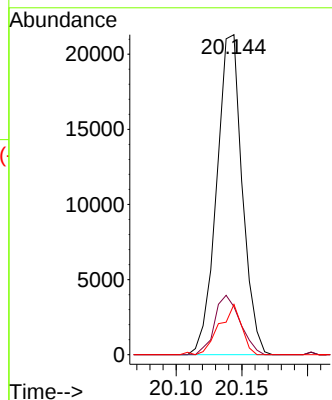
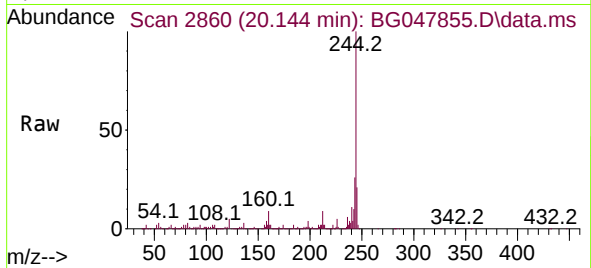




#77
Benzidine
Concen: 3.94 ng
RT: 20.144 min Scan# 2860
Delta R.T. 0.378 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

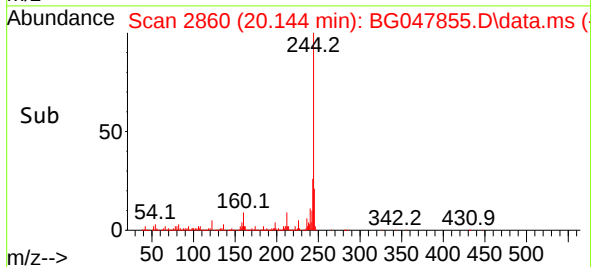
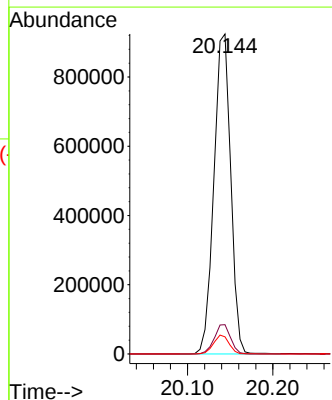
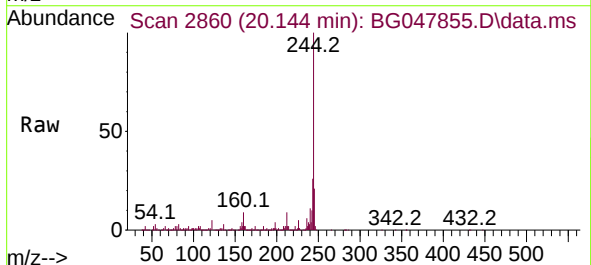
Instrument :
BNA_G
ClientSampleId :
SAMPLE-4(464+26)

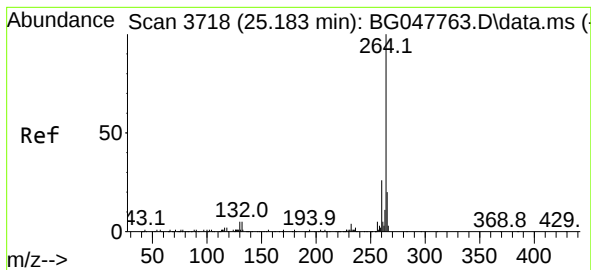
Tgt Ion:184 Resp: 28788
Ion Ratio Lower Upper
184 100
185 15.0 12.4 18.6
183 15.7 10.6 15.8



#79
Terphenyl-d14
Concen: 76.67 ng
RT: 20.144 min Scan# 2860
Delta R.T. -0.004 min
Lab File: BG047855.D
Acq: 31 Dec 2020 19:34

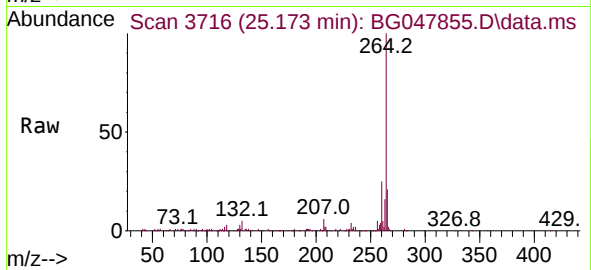
Tgt Ion:244 Resp: 1264067
Ion Ratio Lower Upper
244 100
212 9.2 6.7 10.1
122 5.4 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.173 min Scan# 3716
 Delta R.T. -0.010 min
 Lab File: BG047855.D
 Acq: 31 Dec 2020 19:34

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-4(464+26)



Tgt Ion:264	Resp:	273363
Ion Ratio	Lower	Upper
264	100	
260	25.0	18.8 28.2
265	21.1	17.8 26.8

