

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
 Data File : BG047857.D
 Acq On : 31 Dec 2020 20:54
 Operator : CG/JU
 Sample : L5242-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-6(444+26)

Quant Time: Dec 31 23:50:12 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)

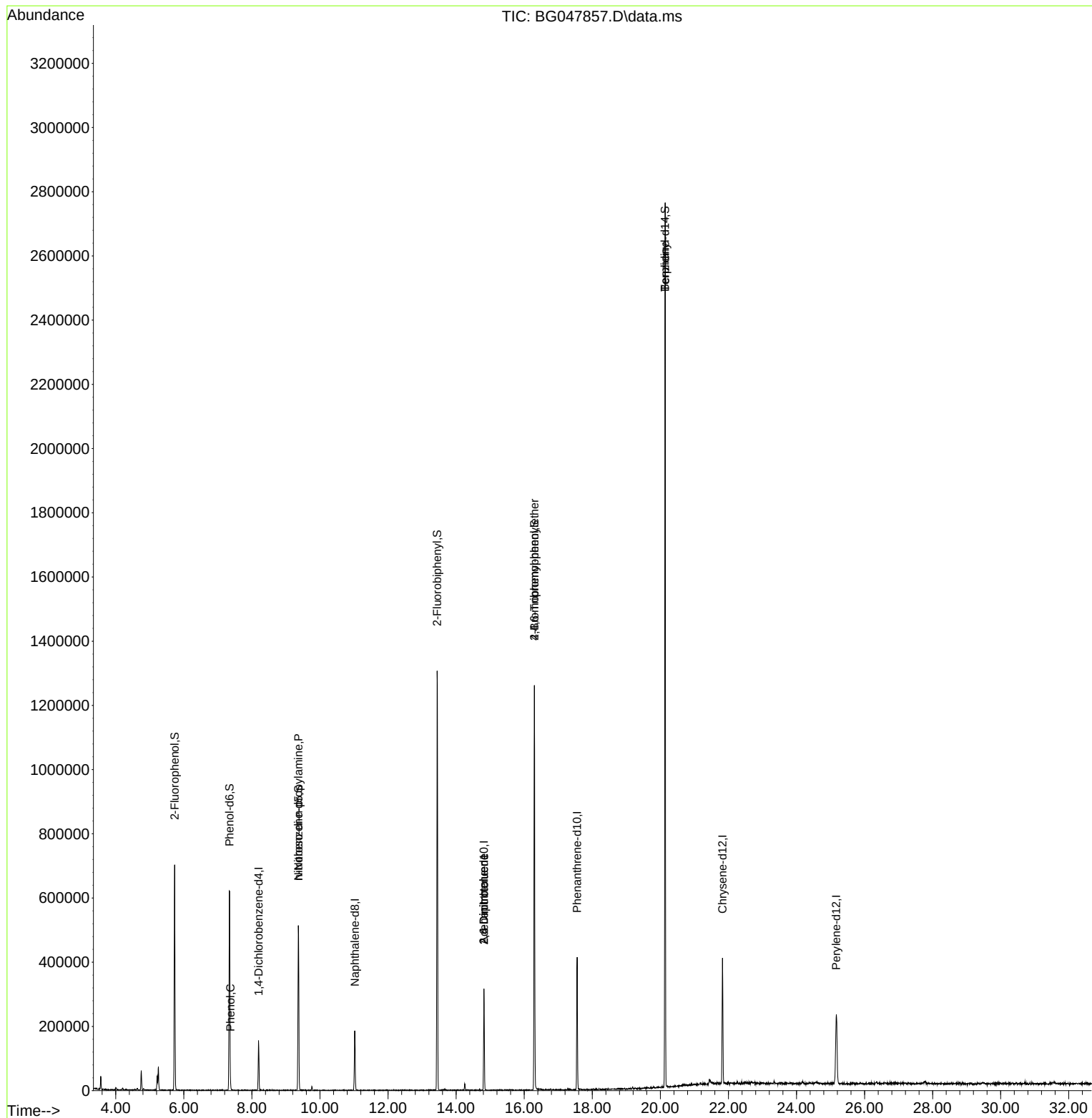
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	35257	20.00	ng	0.00
21) Naphthalene-d8	11.023	136	137769	20.00	ng	# 0.00
39) Acenaphthene-d10	14.818	164	109151	20.00	ng	0.00
64) Phenanthrene-d10	17.556	188	259642	20.00	ng	# 0.00
76) Chrysene-d12	21.828	240	252238	20.00	ng	# 0.00
86) Perylene-d12	25.171	264	254478	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.729	112	236724	116.15	ng	0.00
7) Phenol-d6	7.345	99	297054	99.71	ng	0.00
23) Nitrobenzene-d5	9.366	82	308513	82.37	ng	0.00
42) 2,4,6-Tribromophenol	16.299	330	223412	119.89	ng	0.00
45) 2-Fluorobiphenyl	13.443	172	655336	77.69	ng	0.00
79) Terphenyl-d14	20.141	244	1173213	76.64	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.368	94	6829	2.53	ng	# 30
19) n-Nitroso-di-n-propyla...	9.366	70	47646	22.98	ng	# 80
51) 2,6-Dinitrotoluene	14.818	165	13952	7.29	ng	# 37
57) 2,4-Dinitrotoluene	14.818	165	13952	4.91	ng	# 35
67) 4-Bromophenyl-phenylether	16.299	248	15012	4.30	ng	# 1
70) Pentachlorophenol	17.292	266	69	Below Cal		# 19
77) Benzidine	20.141	184	25998	3.83	ng	97

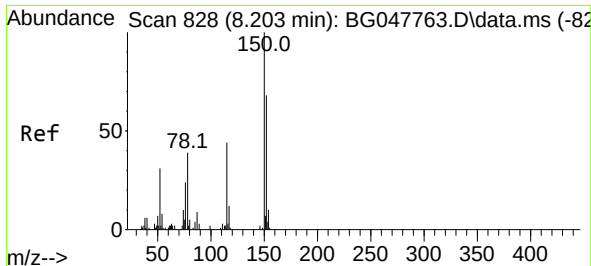
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
Data File : BG047857.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
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QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

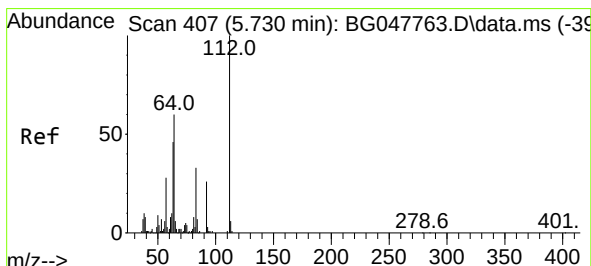
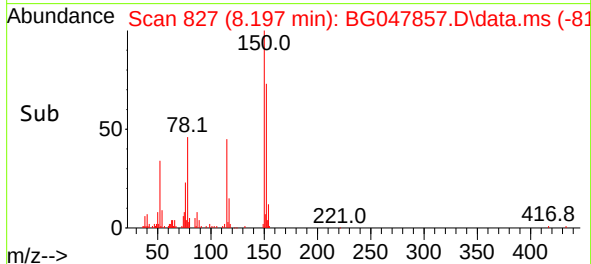
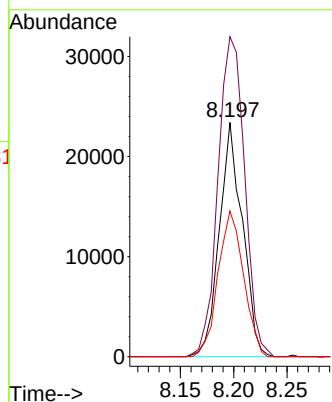
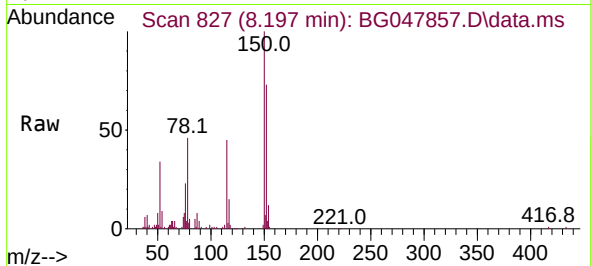




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.197 min Scan# 827
Delta R.T. -0.006 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

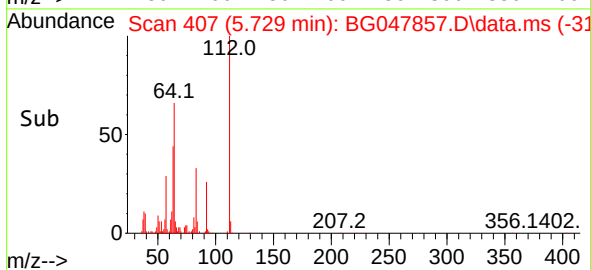
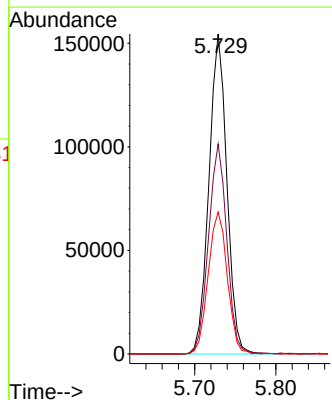
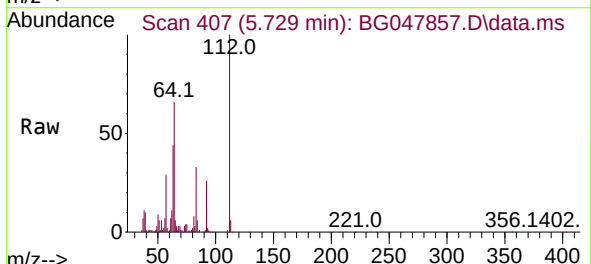
Instrument :
BNA_G
ClientSampleId :
SAMPLE-6(444+26)

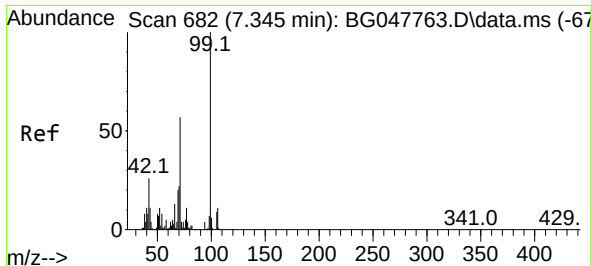
Tgt Ion:152 Resp: 35257
Ion Ratio Lower Upper
152 100
150 136.6 125.0 187.6
115 62.1 41.8 62.6



#5
2-Fluorophenol
Concen: 116.15 ng
RT: 5.729 min Scan# 407
Delta R.T. -0.001 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

Tgt Ion:112 Resp: 236724
Ion Ratio Lower Upper
112 100
64 65.7 46.7 70.1
63 44.3 22.8 34.2#

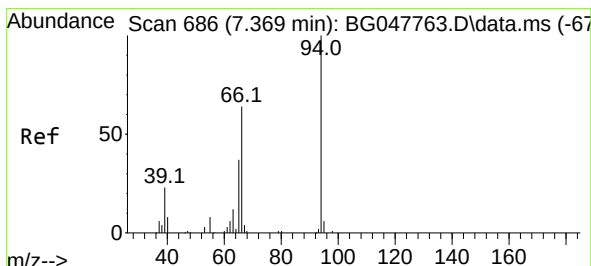
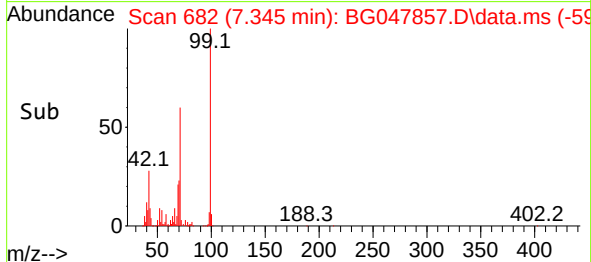
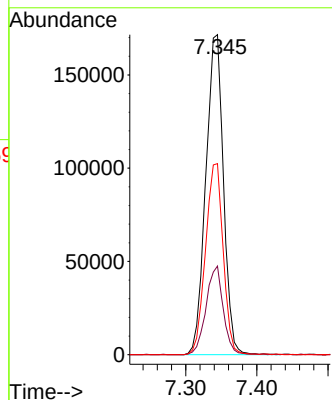
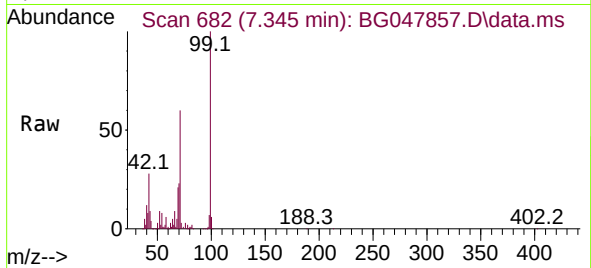




#7
Phenol-d6
Concen: 99.71 ng
RT: 7.345 min Scan# 682
Delta R.T. -0.001 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

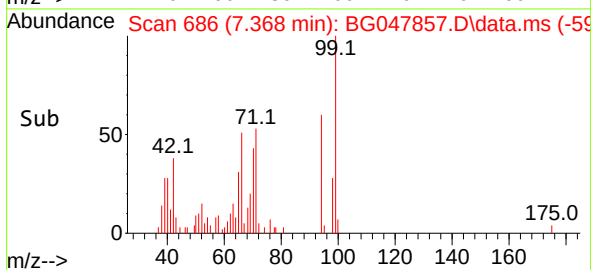
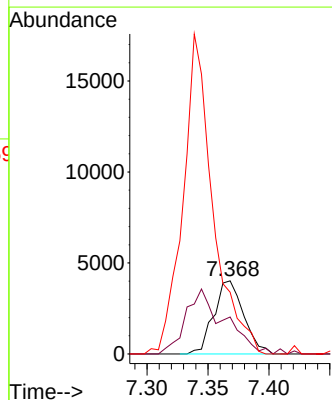
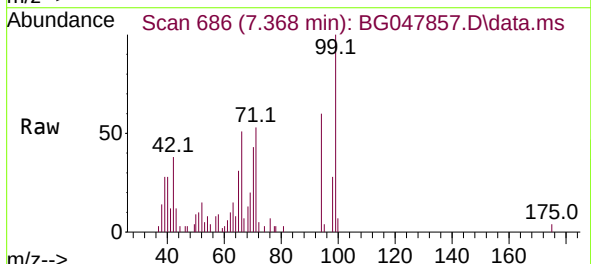
Instrument :
BNA_G
ClientSampleId :
SAMPLE-6(444+26)

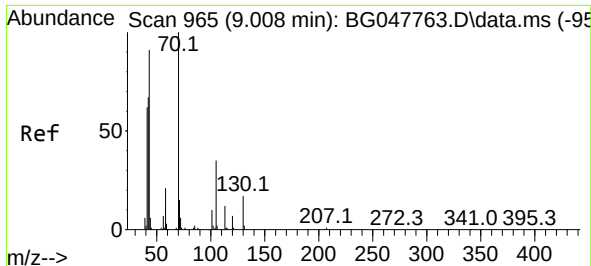
Tgt Ion: 99 Resp: 297054
Ion Ratio Lower Upper
99 100
42 27.7 12.8 19.2#
71 59.7 24.6 36.8#



#10
Phenol
Concen: 2.53 ng
RT: 7.368 min Scan# 686
Delta R.T. -0.001 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

Tgt Ion: 94 Resp: 6829
Ion Ratio Lower Upper
94 100
65 50.6 6.6 46.6#
66 84.6 13.9 53.9#

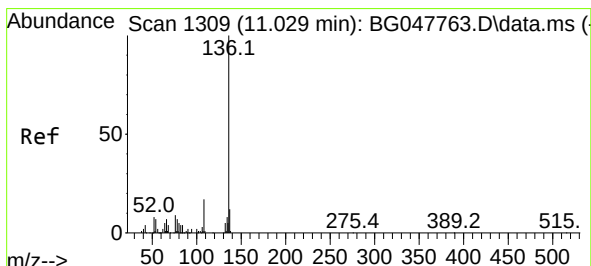
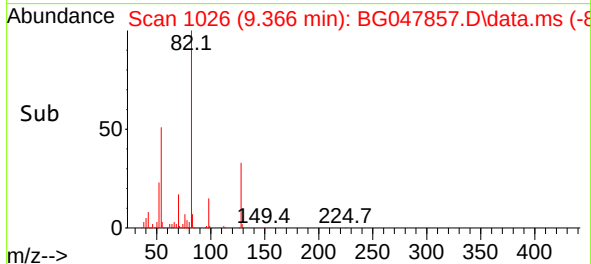
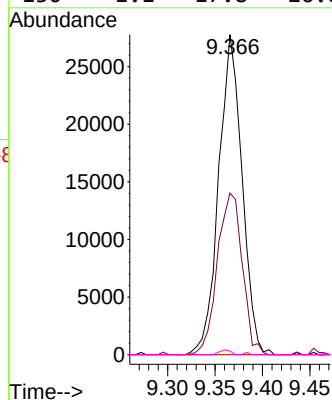
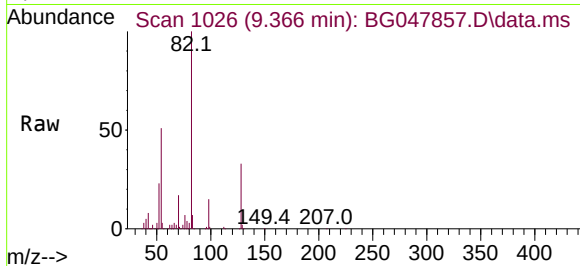




#19
n-Nitroso-di-n-propylamine
Concen: 22.98 ng
RT: 9.366 min Scan# 1026
Delta R.T. 0.358 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

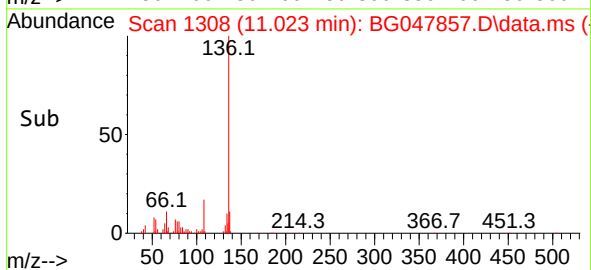
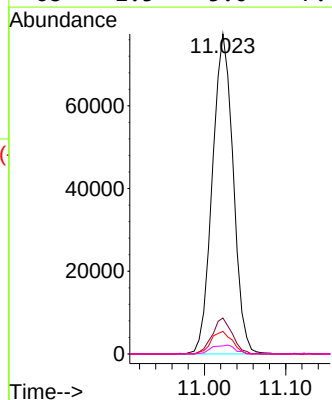
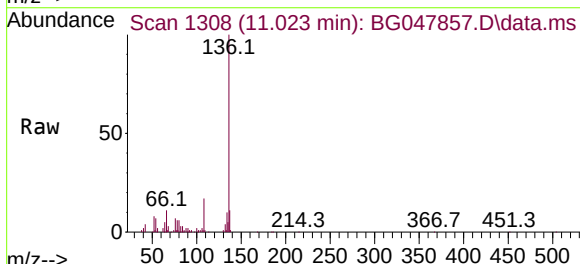
Instrument :
BNA_G
ClientSampleId :
SAMPLE-6(444+26)

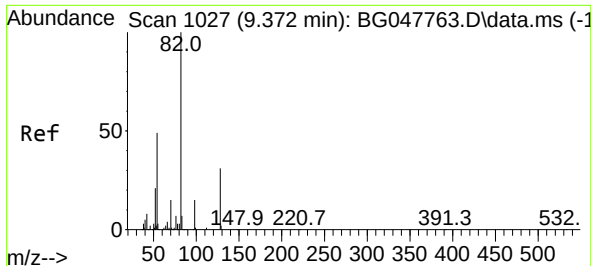
Tgt Ion: 70	Resp: 47646
Ion Ratio	Lower Upper
70 100	
42 50.5	45.6 68.4
101 0.0	8.4 12.6#
130 1.1	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.023 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

Tgt Ion: 136	Resp: 137769
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 7.1	6.2 9.4
68 2.5	5.0 7.4#





#23

Nitrobenzene-d5

Concen: 82.37 ng

RT: 9.366 min Scan# 1026

Delta R.T. -0.007 min

Lab File: BG047857.D

Acq: 31 Dec 2020 20:54

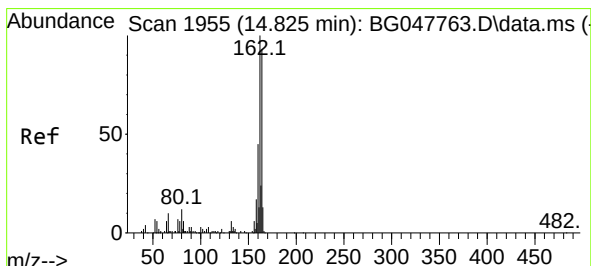
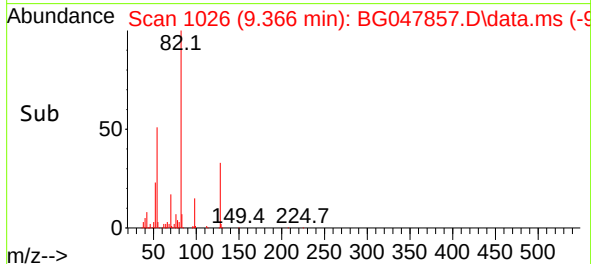
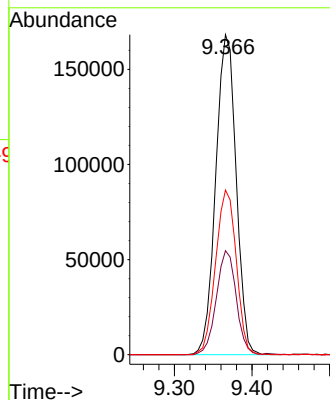
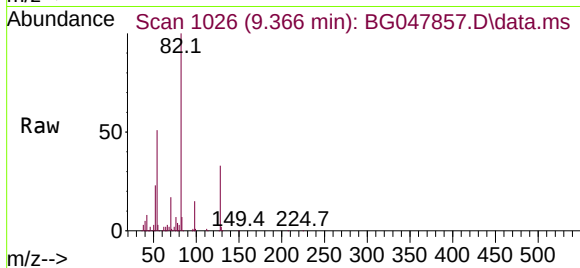
Instrument :

BNA_G

ClientSampleId :

SAMPLE-6(444+26)

Tgt Ion: 82	Resp: 308513
Ion Ratio	Lower Upper
82 100	
128 32.5	37.0 55.6#
54 51.5	39.0 58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

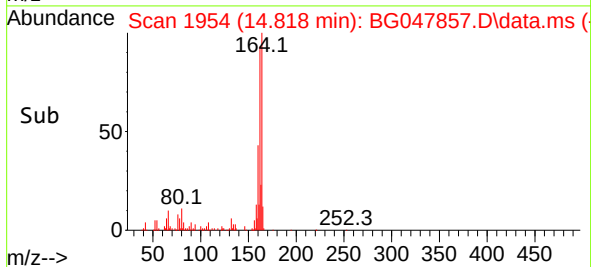
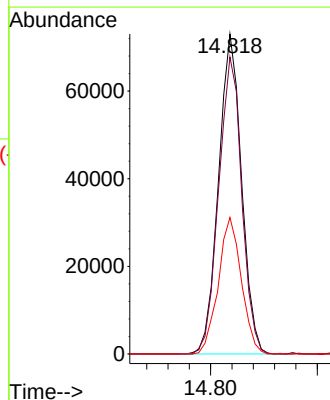
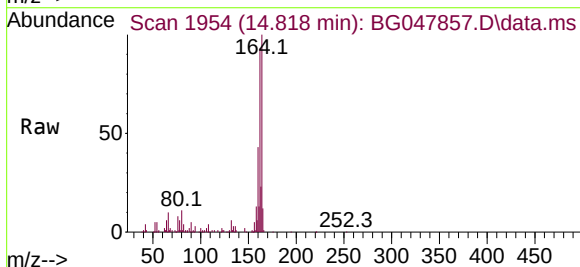
RT: 14.818 min Scan# 1954

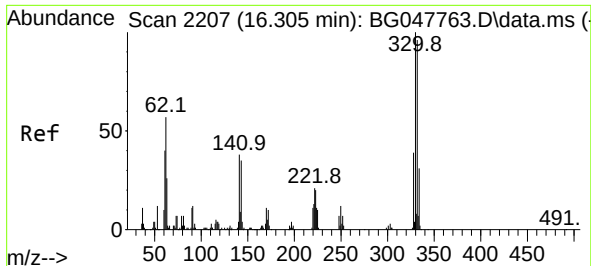
Delta R.T. -0.007 min

Lab File: BG047857.D

Acq: 31 Dec 2020 20:54

Tgt Ion: 164	Resp: 109151
Ion Ratio	Lower Upper
164 100	
162 92.8	82.3 123.5
160 42.7	35.3 52.9

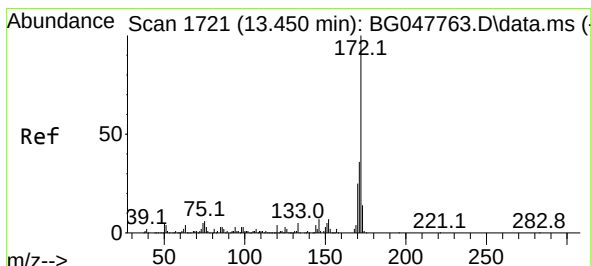
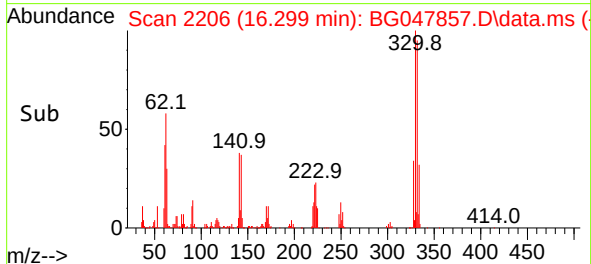
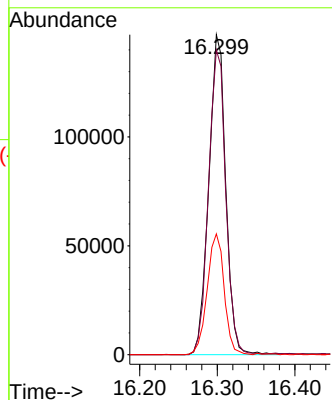
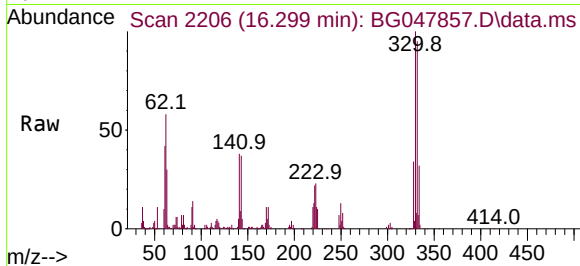




#42
2,4,6-Tribromophenol
Concen: 119.89 ng
RT: 16.299 min Scan# 2206
Delta R.T. -0.007 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

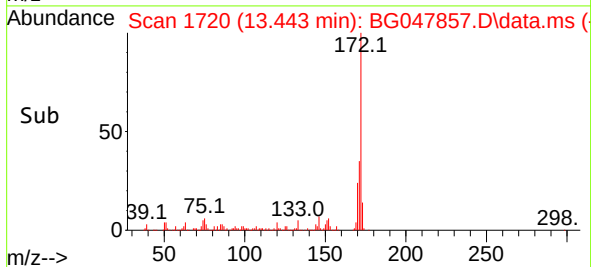
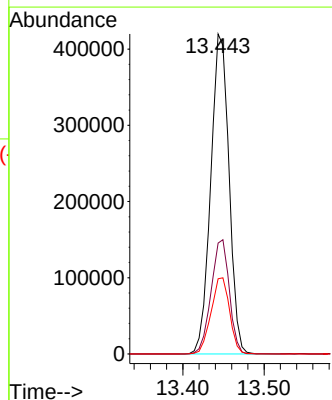
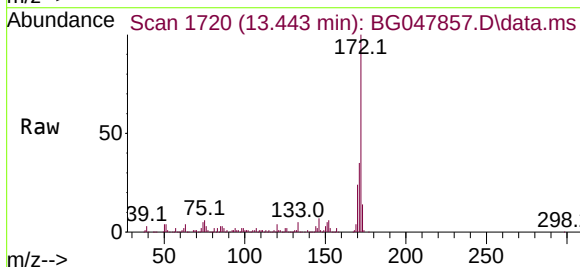
Instrument :
BNA_G
ClientSampleId :
SAMPLE-6(444+26)

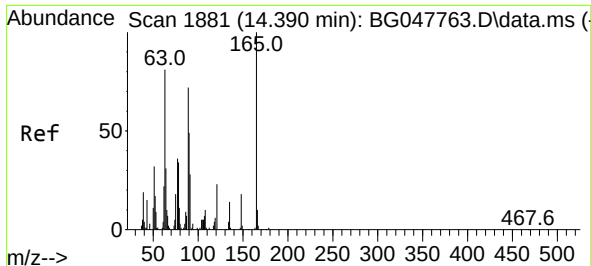
Tgt Ion:330 Resp: 223412
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 37.8 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 77.69 ng
RT: 13.443 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

Tgt Ion:172 Resp: 655336
Ion Ratio Lower Upper
172 100
171 34.7 31.3 46.9
170 23.5 20.8 31.2

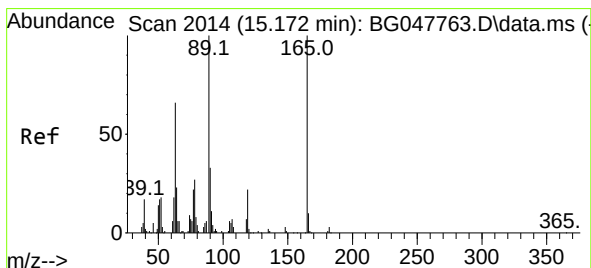
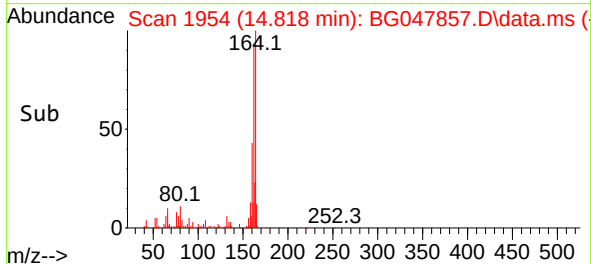
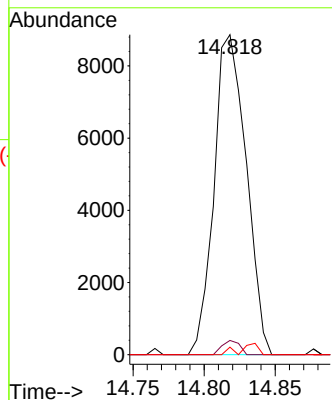
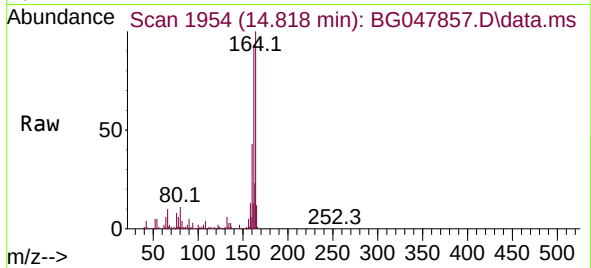




#51
2,6-Dinitrotoluene
Concen: 7.29 ng
RT: 14.818 min Scan# 1954
Delta R.T. 0.428 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

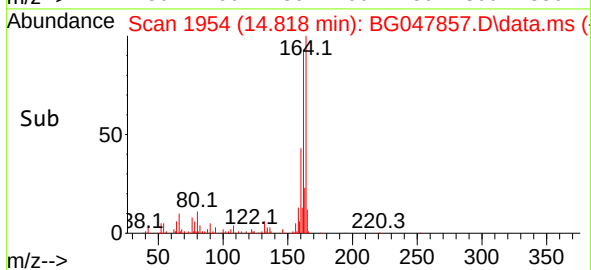
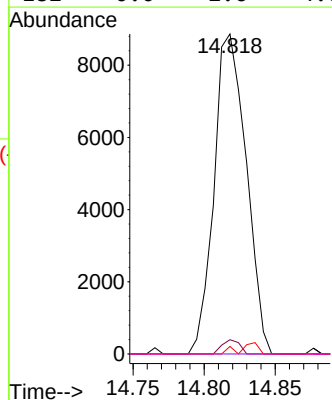
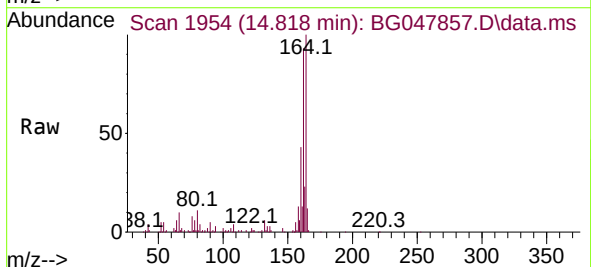
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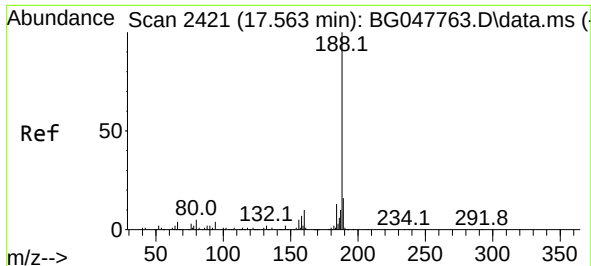
Tgt Ion:165 Resp: 13952
Ion Ratio Lower Upper
165 100
63 4.5 33.7 50.5#
89 2.4 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.91 ng
RT: 14.818 min Scan# 1954
Delta R.T. -0.353 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

Tgt Ion:165 Resp: 13952
Ion Ratio Lower Upper
165 100
63 4.5 26.4 39.6#
89 2.4 47.8 71.8#
182 0.0 2.6 4.0#

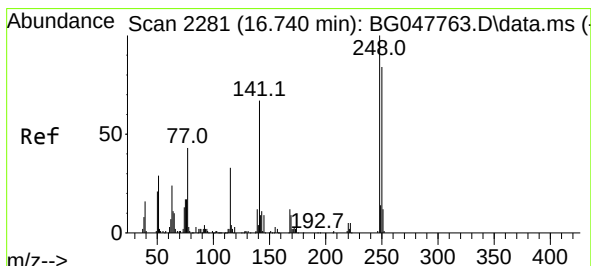
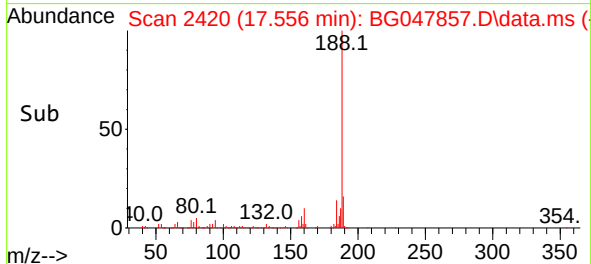
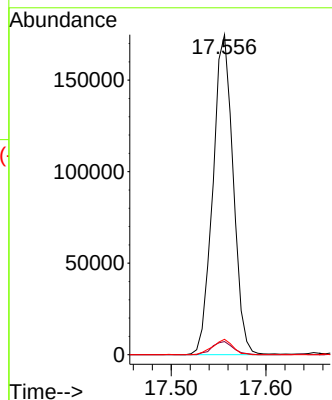
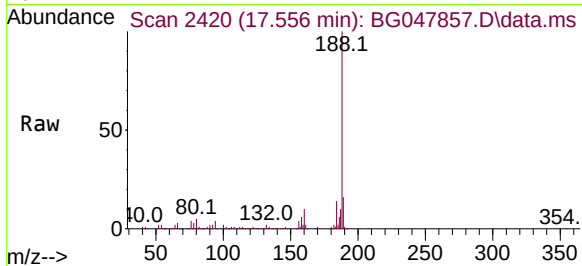




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.556 min Scan# 2420
Delta R.T. -0.007 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

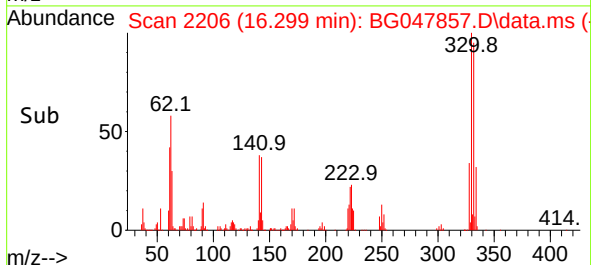
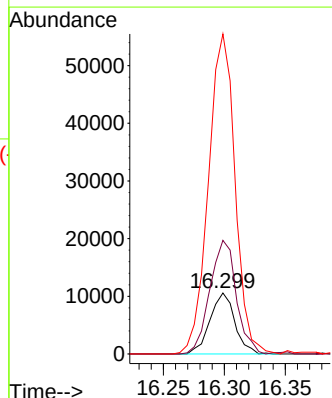
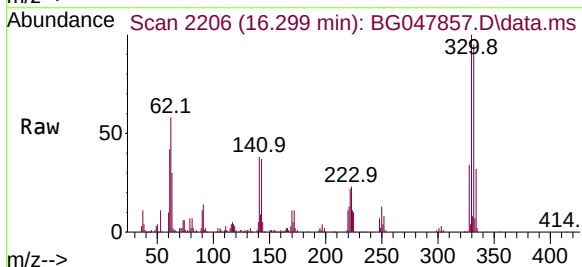
Instrument :
BNA_G
ClientSampleId :
SAMPLE-6(444+26)

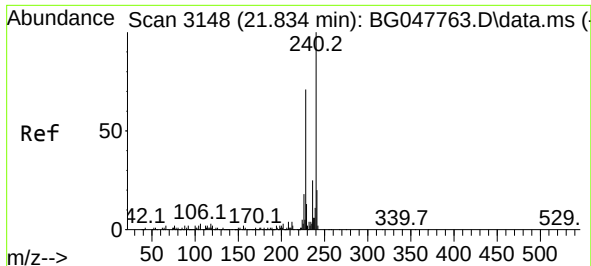
Tgt Ion:188 Resp: 259642
Ion Ratio Lower Upper
188 100
94 4.1 6.3 9.5#
80 4.8 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 16.299 min Scan# 2206
Delta R.T. -0.441 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

Tgt Ion:248 Resp: 15012
Ion Ratio Lower Upper
248 100
250 186.3 78.9 118.3#
141 524.6 46.2 69.4#

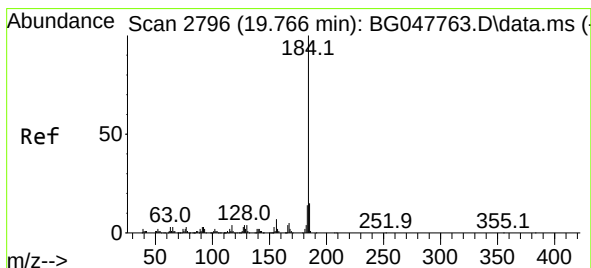
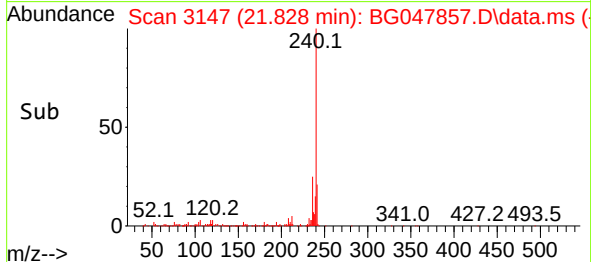
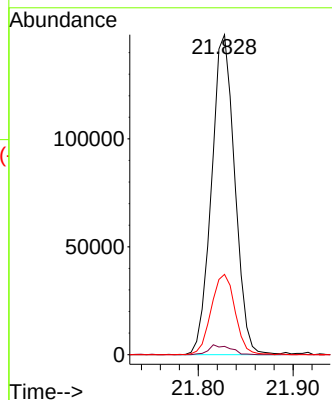
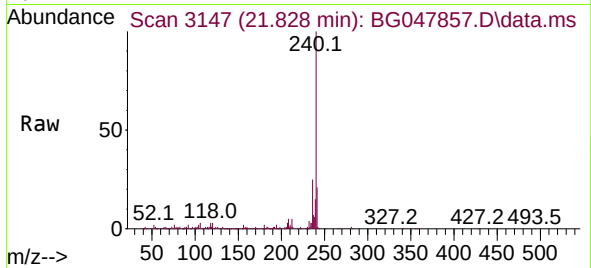




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.828 min Scan# 3147
Delta R.T. -0.007 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

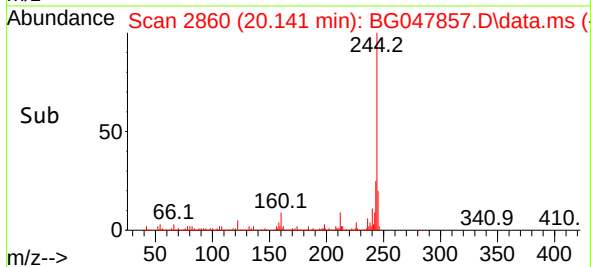
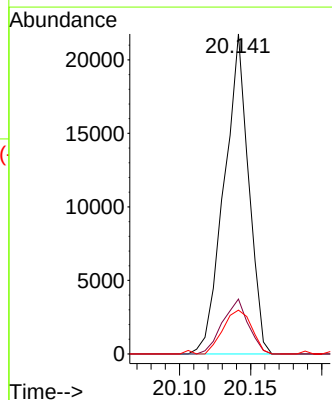
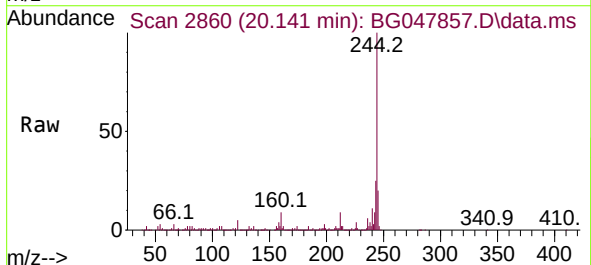
Instrument :
BNA_G
ClientSampleId :
SAMPLE-6(444+26)

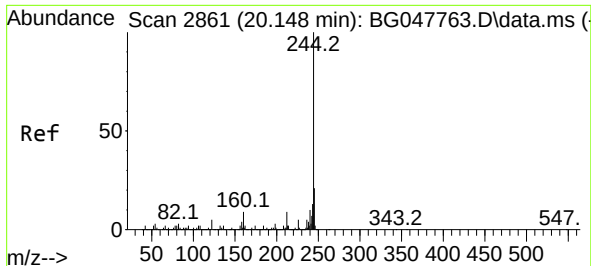
Tgt Ion:240 Resp: 252238
Ion Ratio Lower Upper
240 100
120 2.6 6.2 9.4#
236 25.1 20.5 30.7



#77
Benzidine
Concen: 3.83 ng
RT: 20.141 min Scan# 2860
Delta R.T. 0.375 min
Lab File: BG047857.D
Acq: 31 Dec 2020 20:54

Tgt Ion:184 Resp: 25998
Ion Ratio Lower Upper
184 100
185 17.1 12.4 18.6
183 13.7 10.6 15.8

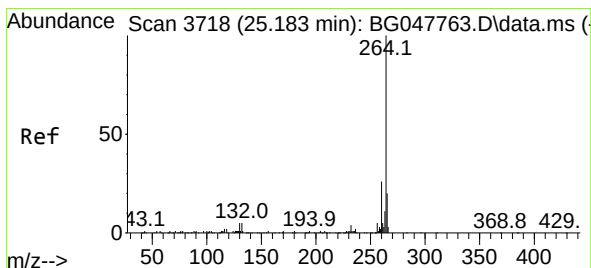
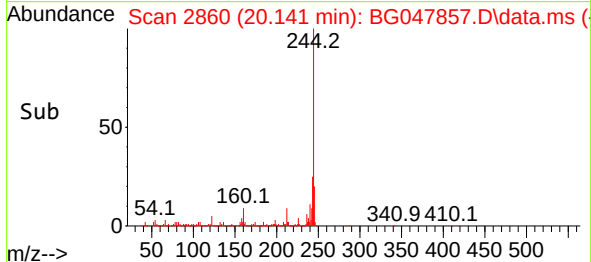
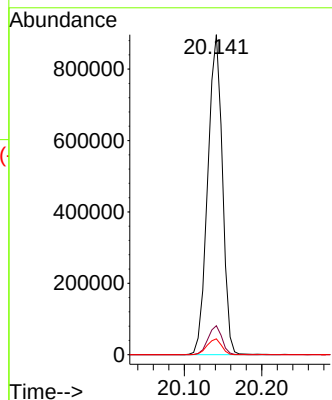
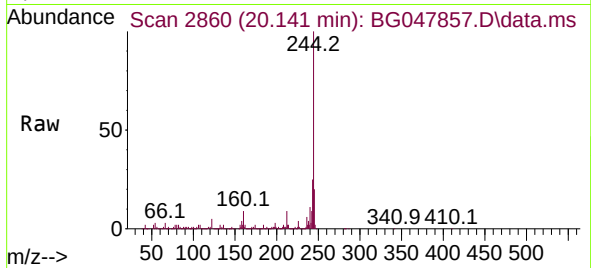




#79
 Terphenyl-d14
 Concen: 76.64 ng
 RT: 20.141 min Scan# 2860
 Delta R.T. -0.007 min
 Lab File: BG047857.D
 Acq: 31 Dec 2020 20:54

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-6(444+26)

Tgt Ion:244 Resp: 1173213
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.7 10.1
 122 5.0 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.171 min Scan# 3716
 Delta R.T. -0.013 min
 Lab File: BG047857.D
 Acq: 31 Dec 2020 20:54

Tgt Ion:264 Resp: 254478
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 20.7 17.8 26.8

