

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
 Data File : BG047852.D
 Acq On : 31 Dec 2020 17:32
 Operator : CG/JU
 Sample : L5242-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-1(494+26)

Quant Time: Dec 31 23:48:55 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)

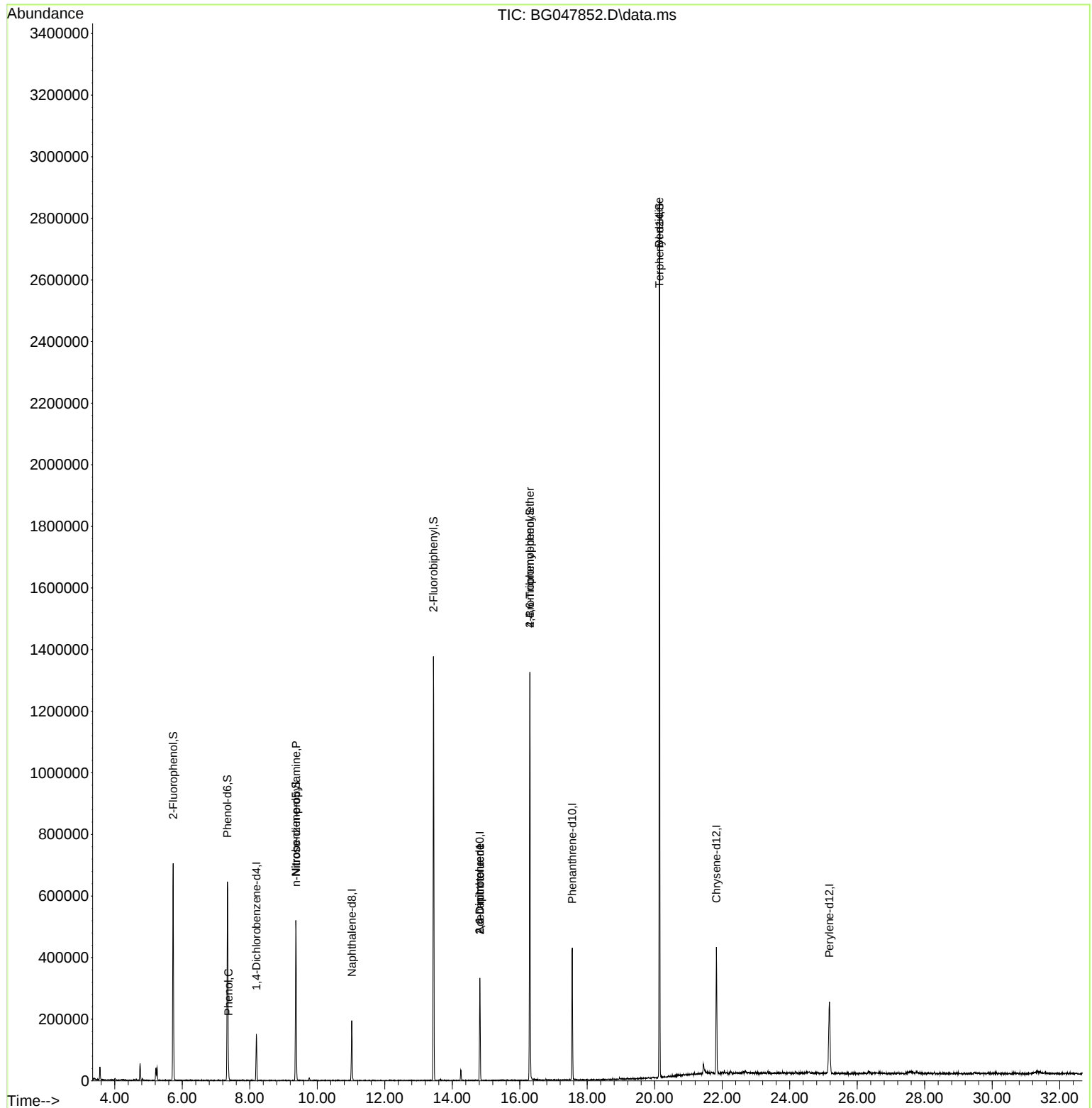
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.198	152	38467	20.00	ng	0.00
21) Naphthalene-d8	11.024	136	146405	20.00	ng	# 0.00
39) Acenaphthene-d10	14.820	164	115299	20.00	ng	0.00
64) Phenanthrene-d10	17.558	188	277190	20.00	ng	# 0.00
76) Chrysene-d12	21.829	240	264743	20.00	ng	# 0.00
86) Perylene-d12	25.178	264	260591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.730	112	250470	112.64	ng	0.00
7) Phenol-d6	7.340	99	310276	95.45	ng	0.00
23) Nitrobenzene-d5	9.367	82	306484	77.00	ng	0.00
42) 2,4,6-Tribromophenol	16.300	330	237656	120.74	ng	0.00
45) 2-Fluorobiphenyl	13.445	172	671359	75.35	ng	0.00
79) Terphenyl-d14	20.143	244	1207286	75.14	ng	0.00
Target Compounds						
10) Phenol	7.370	94	14292	4.85	ng	# 55
19) n-Nitroso-di-n-propyla...	9.373	70	48342	21.37	ng	# 80
51) 2,6-Dinitrotoluene	14.820	165	15542	7.69	ng	# 35
57) 2,4-Dinitrotoluene	14.820	165	15542	5.17	ng	# 34
67) 4-Bromophenyl-phenylether	16.300	248	16842	4.52	ng	# 1
70) Pentachlorophenol	17.070	266	70	Below Cal		# 19
77) Benzidine	20.137	184	26647	3.74	ng	95

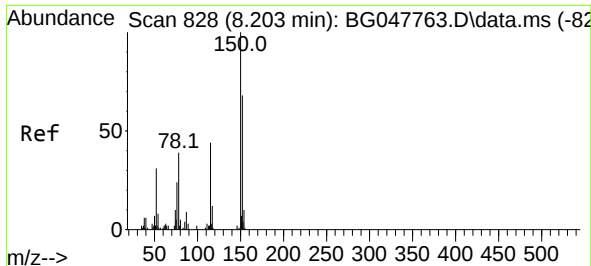
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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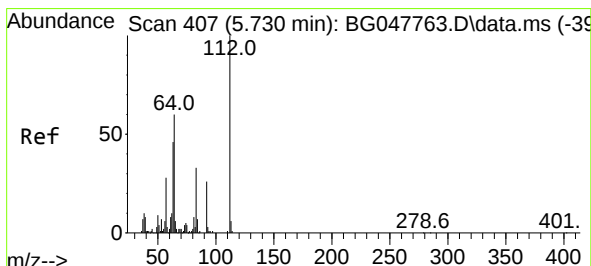
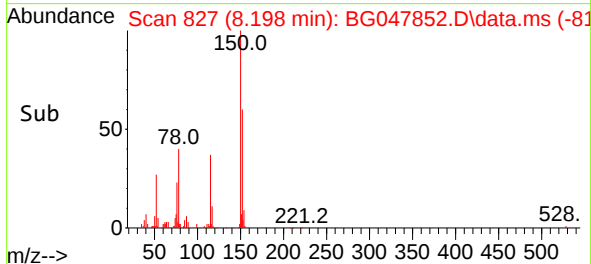
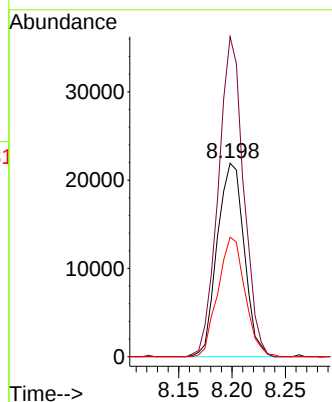
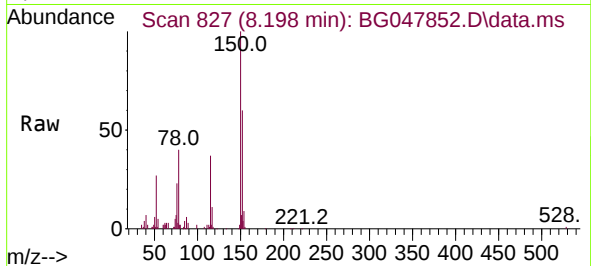




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.198 min Scan# 827
Delta R.T. -0.005 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

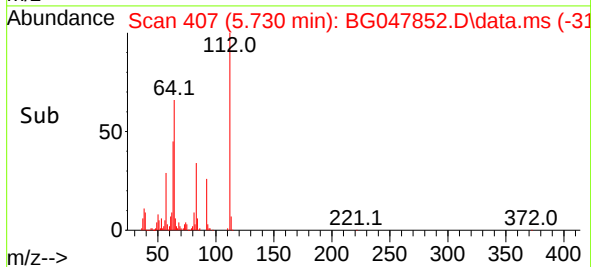
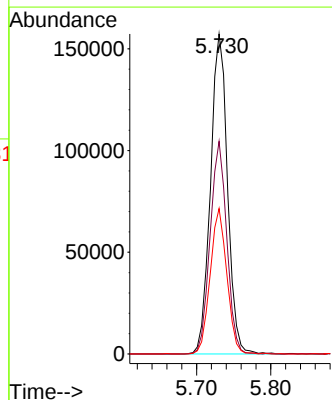
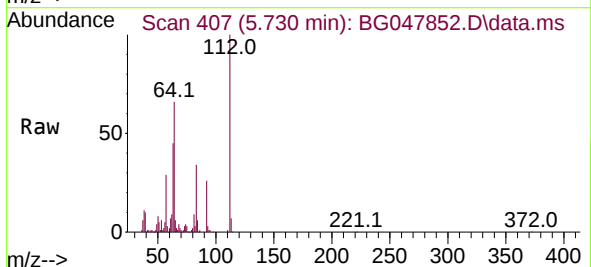
Instrument :
BNA_G
ClientSampleId :
SAMPLE-1(494+26)

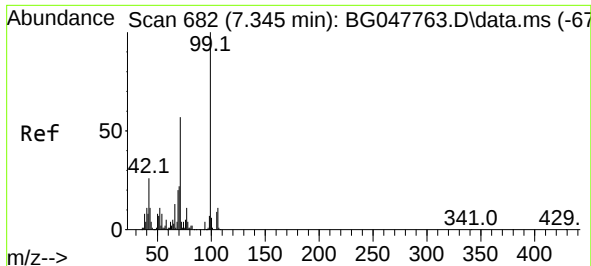
Tgt Ion:152 Resp: 38467
Ion Ratio Lower Upper
152 100
150 165.4 125.0 187.6
115 61.8 41.8 62.6



#5
2-Fluorophenol
Concen: 112.64 ng
RT: 5.730 min Scan# 407
Delta R.T. 0.001 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

Tgt Ion:112 Resp: 250470
Ion Ratio Lower Upper
112 100
64 66.5 46.7 70.1
63 45.5 22.8 34.2#

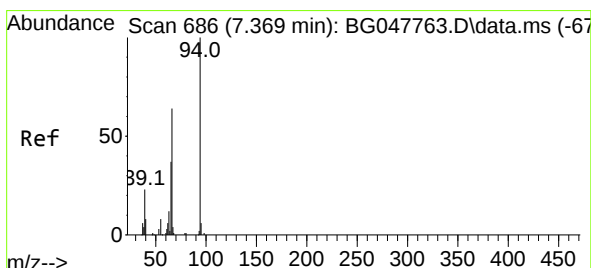
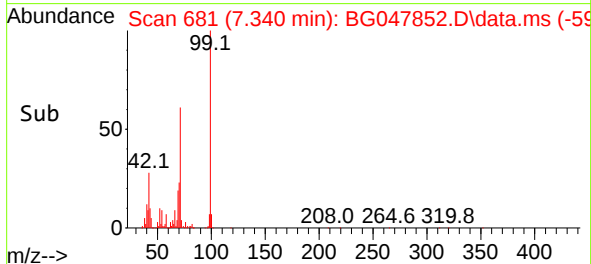
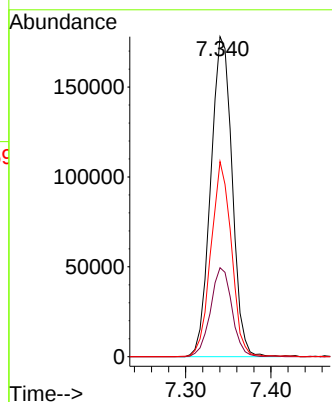
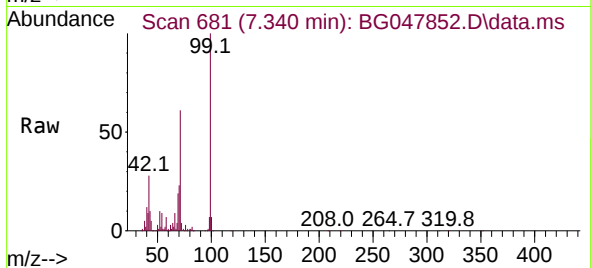




#7
Phenol-d6
Concen: 95.45 ng
RT: 7.340 min Scan# 681
Delta R.T. -0.005 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

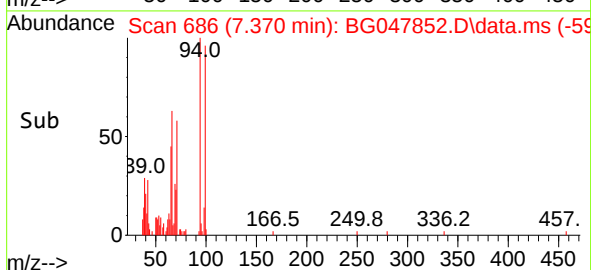
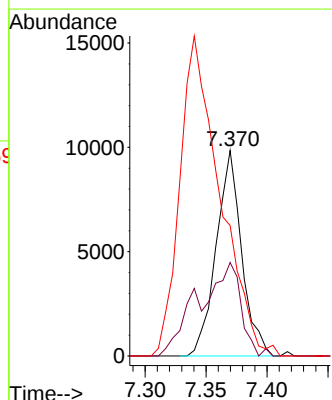
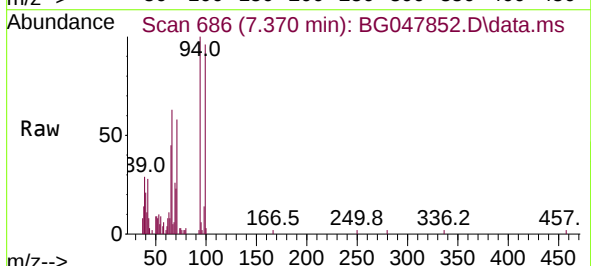
Instrument :
BNA_G
ClientSampleId :
SAMPLE-1(494+26)

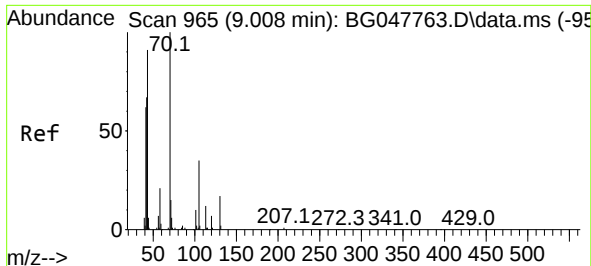
Tgt Ion: 99 Resp: 310276
Ion Ratio Lower Upper
99 100
42 27.8 12.8 19.2#
71 61.0 24.6 36.8#



#10
Phenol
Concen: 4.85 ng
RT: 7.370 min Scan# 686
Delta R.T. 0.001 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

Tgt Ion: 94 Resp: 14292
Ion Ratio Lower Upper
94 100
65 45.4 6.6 46.6
66 63.4 13.9 53.9#

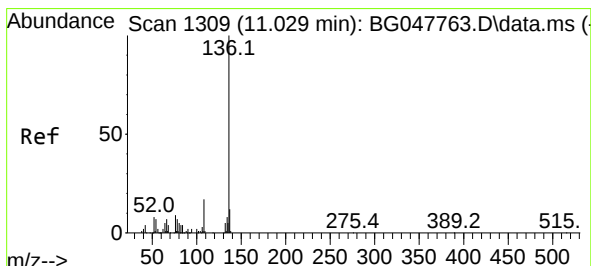
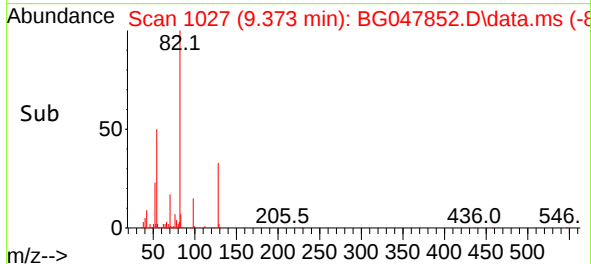
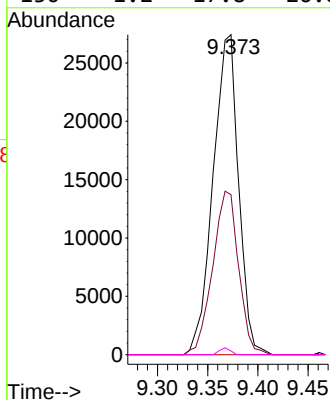
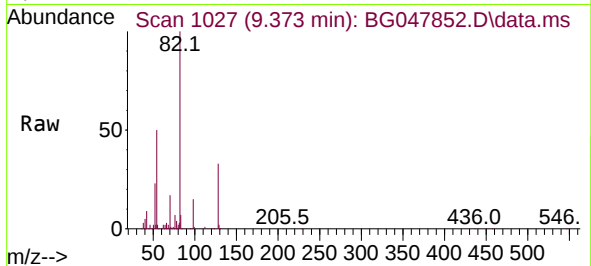




#19
n-Nitroso-di-n-propylamine
Concen: 21.37 ng
RT: 9.373 min Scan# 1027
Delta R.T. 0.365 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

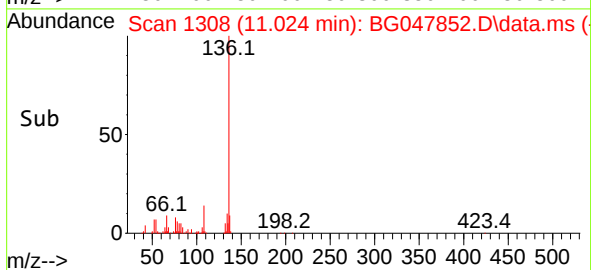
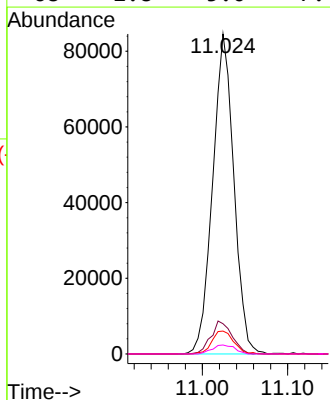
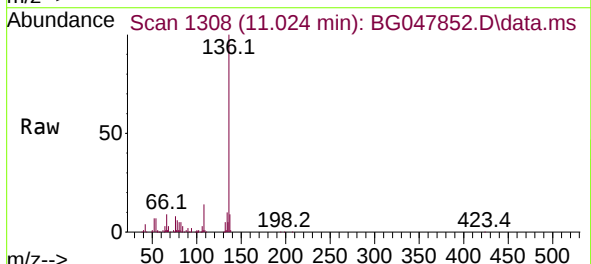
Instrument :
BNA_G
ClientSampleId :
SAMPLE-1(494+26)

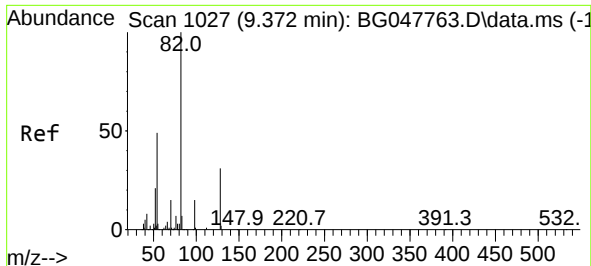
Tgt Ion: 70	Resp: 48342
Ion Ratio	Lower Upper
70 100	
42 50.0	45.6 68.4
101 0.0	8.4 12.6#
130 1.2	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.024 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

Tgt Ion: 136	Resp: 146405
Ion Ratio	Lower Upper
136 100	
137 9.5	9.1 13.7
54 7.2	6.2 9.4
68 2.8	5.0 7.4#

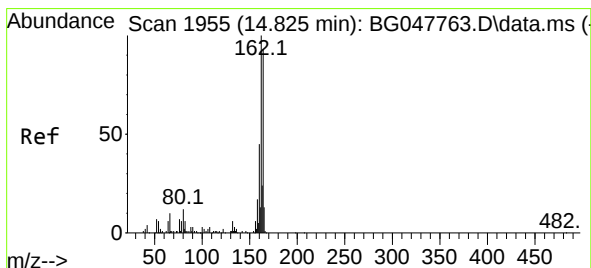
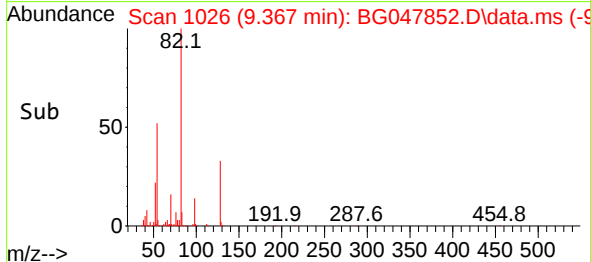
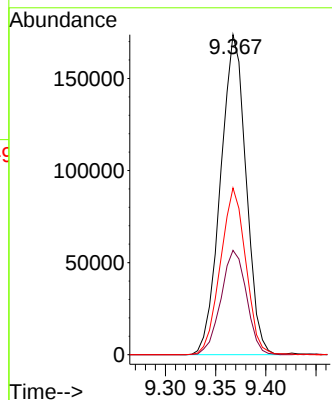
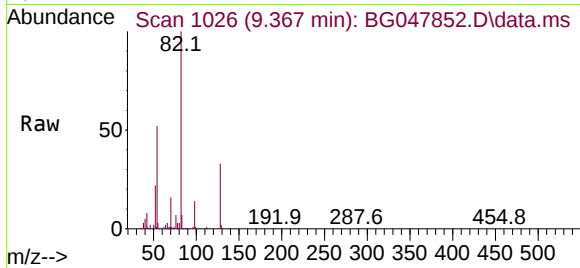




#23
Nitrobenzene-d5
Concen: 77.00 ng
RT: 9.367 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

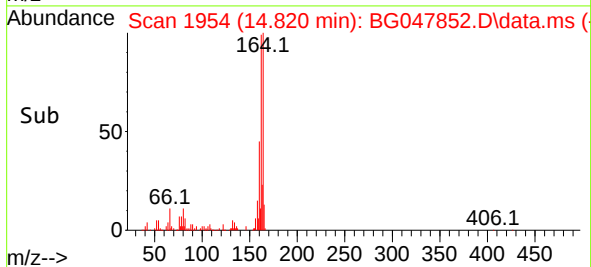
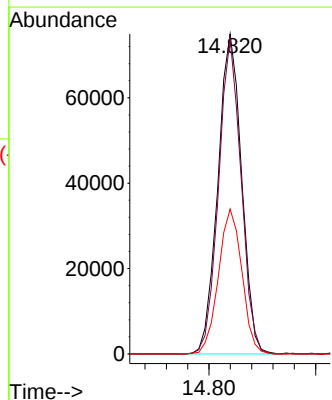
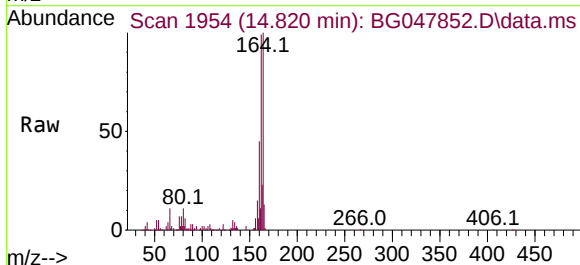
Instrument :
BNA_G
ClientSampleId :
SAMPLE-1(494+26)

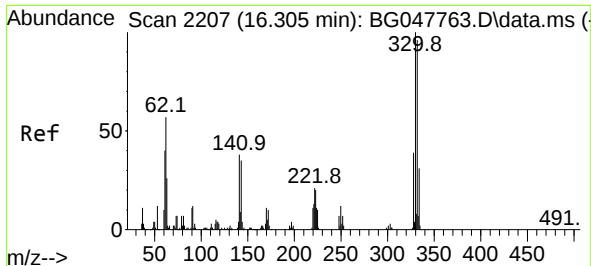
Tgt Ion: 82 Resp: 306484
Ion Ratio Lower Upper
82 100
128 32.6 37.0 55.6#
54 52.1 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.820 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

Tgt Ion:164 Resp: 115299
Ion Ratio Lower Upper
164 100
162 98.7 82.3 123.5
160 45.3 35.3 52.9

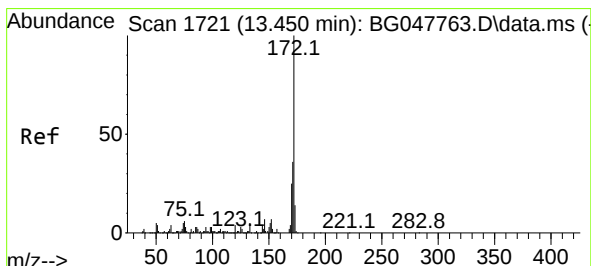
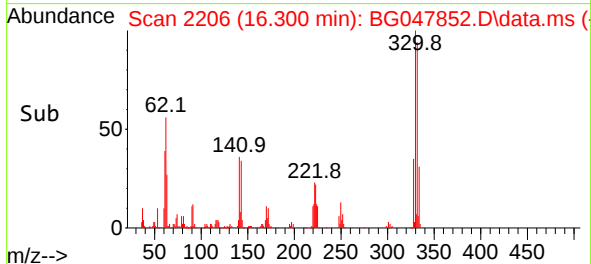
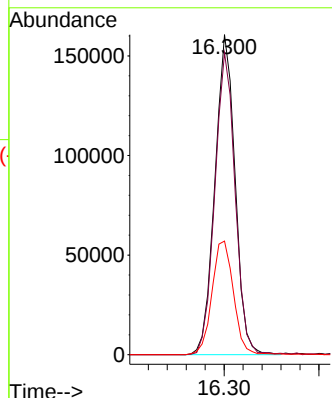
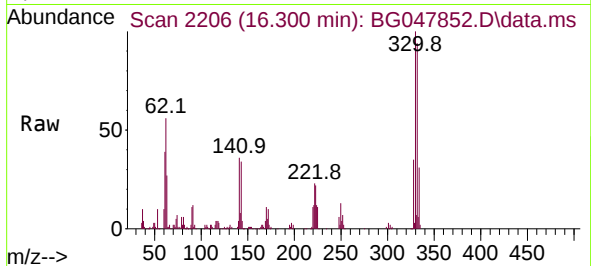




#42
2,4,6-Tribromophenol
Concen: 120.74 ng
RT: 16.300 min Scan# 2206
Delta R.T. -0.005 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

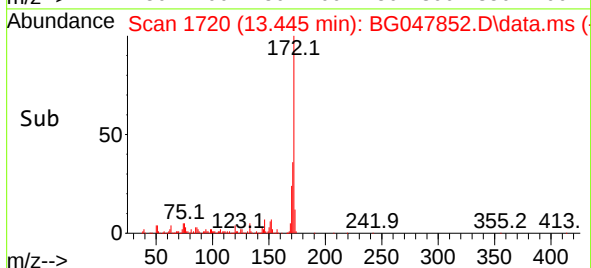
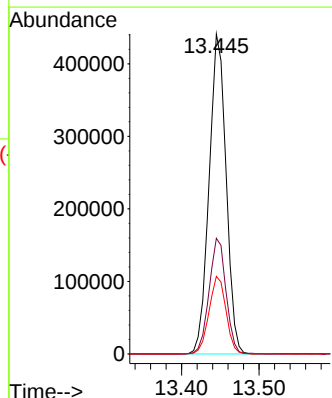
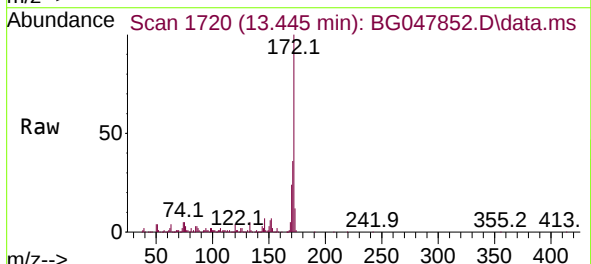
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ClientSampleId :
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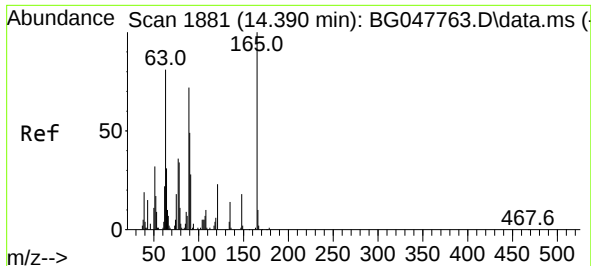
Tgt Ion:330 Resp: 237656
Ion Ratio Lower Upper
330 100
332 94.8 76.5 114.7
141 37.8 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 75.35 ng
RT: 13.445 min Scan# 1720
Delta R.T. -0.005 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

Tgt Ion:172 Resp: 671359
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 24.3 20.8 31.2

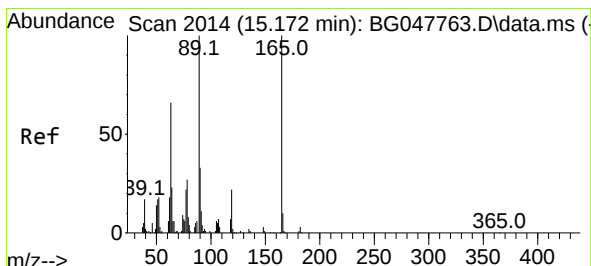
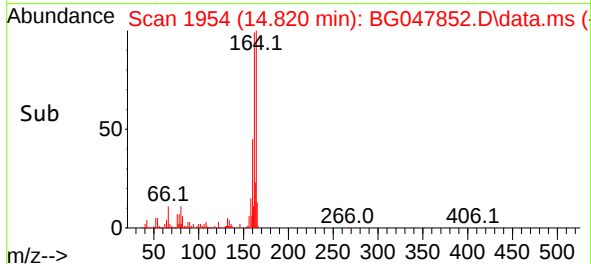
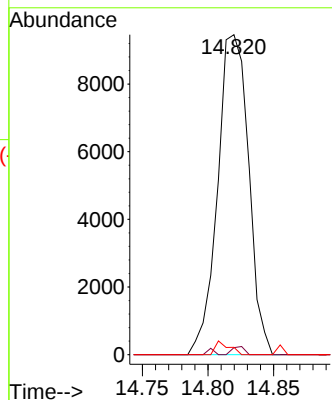
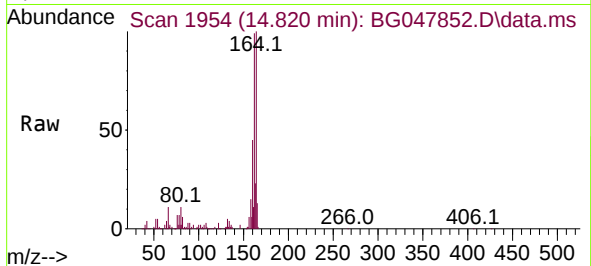




#51
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 14.820 min Scan# 1954
Delta R.T. 0.430 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

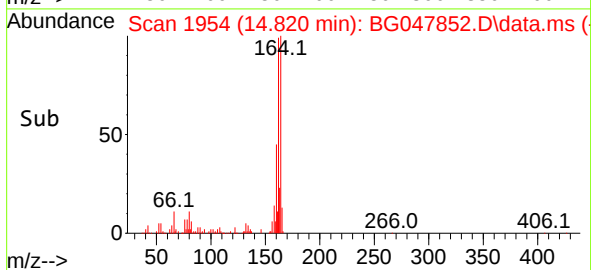
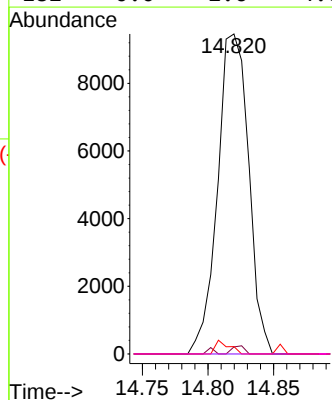
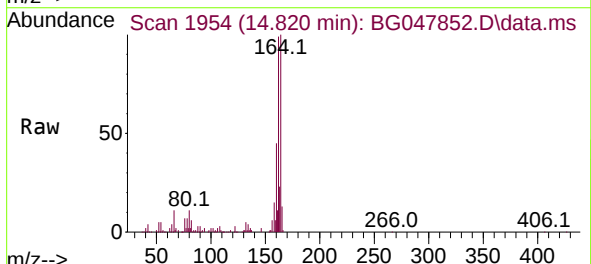
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SAMPLE-1(494+26)

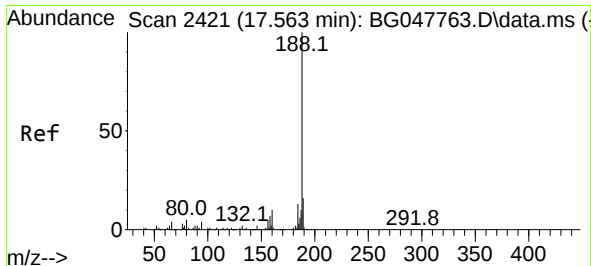
Tgt Ion:165 Resp: 15542
Ion Ratio Lower Upper
165 100
63 2.2 33.7 50.5#
89 2.3 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.17 ng
RT: 14.820 min Scan# 1954
Delta R.T. -0.352 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

Tgt Ion:165 Resp: 15542
Ion Ratio Lower Upper
165 100
63 2.2 26.4 39.6#
89 2.3 47.8 71.8#
182 0.0 2.6 4.0#

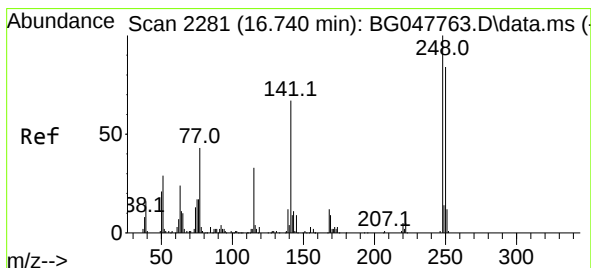
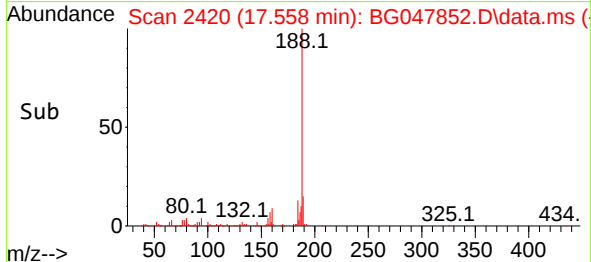
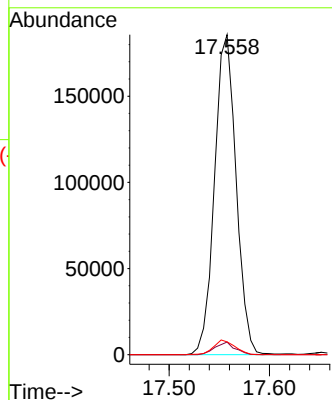
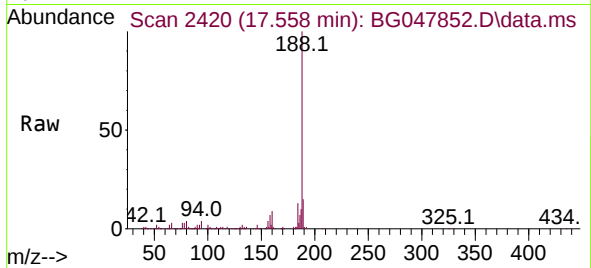




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.558 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

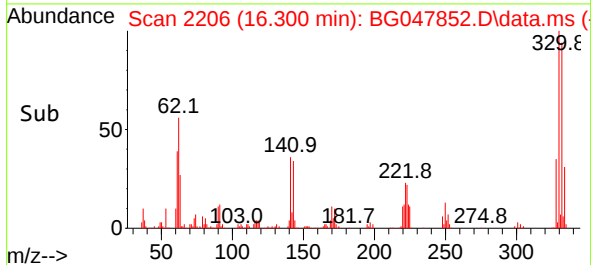
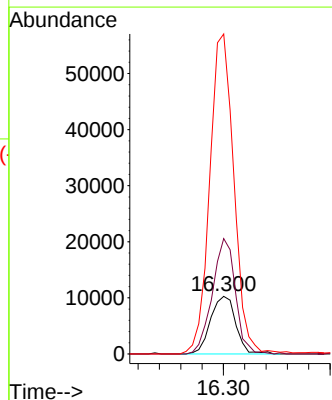
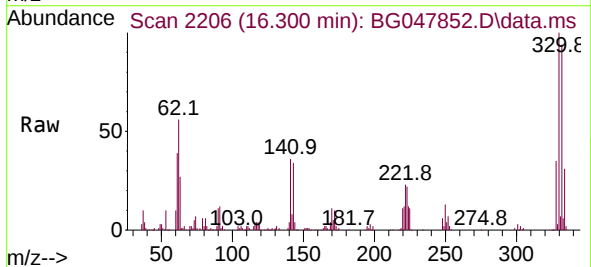
Instrument :
BNA_G
ClientSampleId :
SAMPLE-1(494+26)

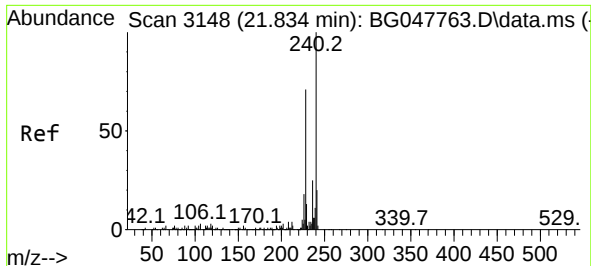
Tgt Ion:188 Resp: 277190
Ion Ratio Lower Upper
188 100
94 3.9 6.3 9.5#
80 4.0 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 16.300 min Scan# 2206
Delta R.T. -0.440 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

Tgt Ion:248 Resp: 16842
Ion Ratio Lower Upper
248 100
250 200.1 78.9 118.3#
141 554.8 46.2 69.4#

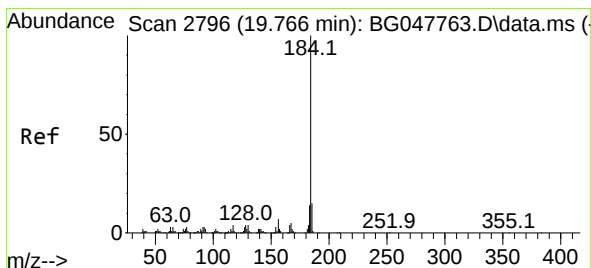
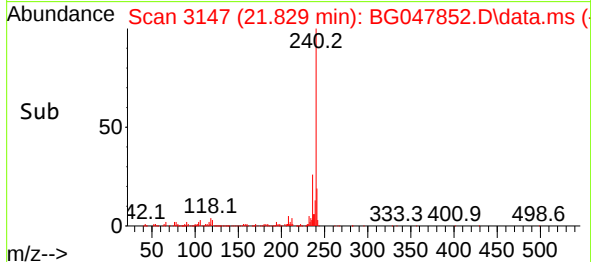
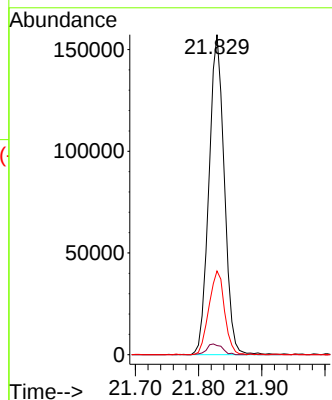
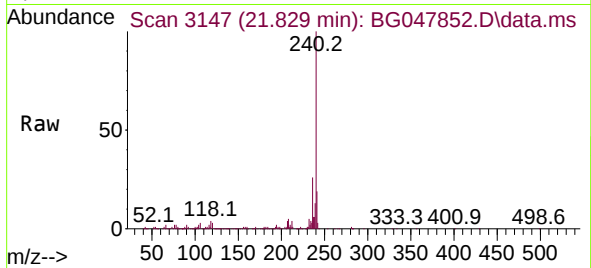




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.829 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

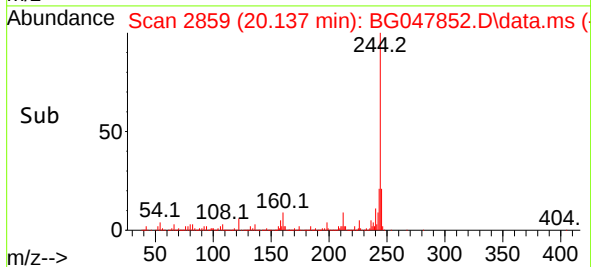
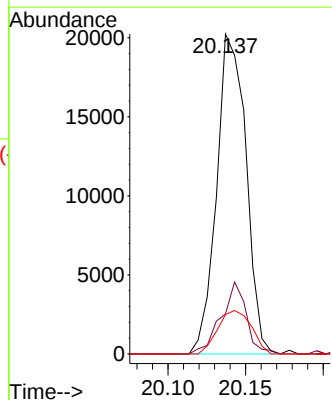
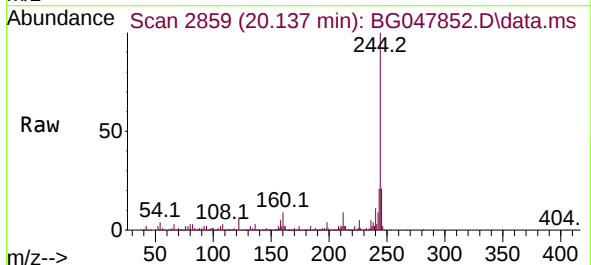
Instrument :
BNA_G
ClientSampleId :
SAMPLE-1(494+26)

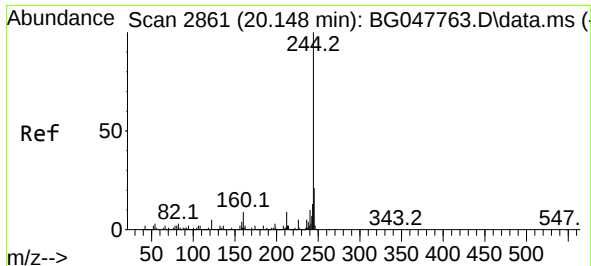
Tgt Ion:240 Resp: 264743
Ion Ratio Lower Upper
240 100
120 2.8 6.2 9.4#
236 26.1 20.5 30.7



#77
Benzidine
Concen: 3.74 ng
RT: 20.137 min Scan# 2859
Delta R.T. 0.371 min
Lab File: BG047852.D
Acq: 31 Dec 2020 17:32

Tgt Ion:184 Resp: 26647
Ion Ratio Lower Upper
184 100
185 12.5 12.4 18.6
183 12.3 10.6 15.8

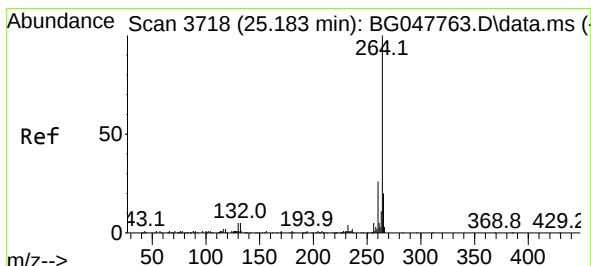
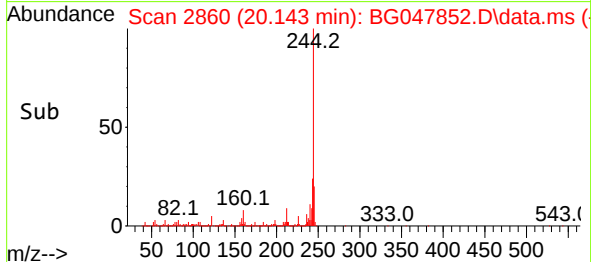
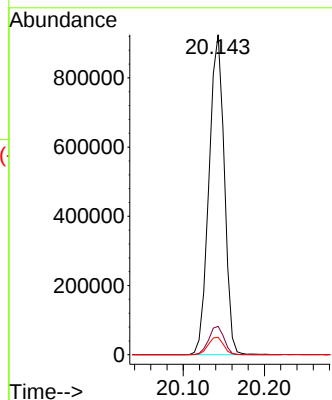
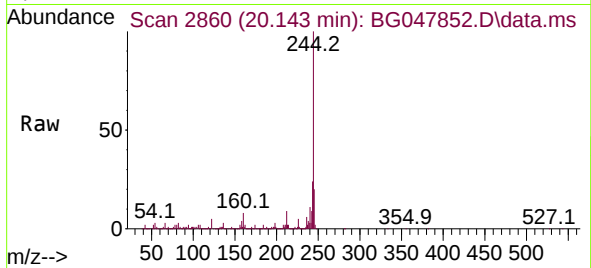




#79
 Terphenyl-d14
 Concen: 75.14 ng
 RT: 20.143 min Scan# 2860
 Delta R.T. -0.005 min
 Lab File: BG047852.D
 Acq: 31 Dec 2020 17:32

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-1(494+26)

Tgt Ion:244 Resp: 1207286
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.7 10.1
 122 5.5 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.178 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG047852.D
 Acq: 31 Dec 2020 17:32

Tgt Ion:264 Resp: 260591
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 22.5 17.8 26.8

