

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
 Data File : BG047900.D
 Acq On : 9 Jan 2021 00:05
 Operator : CG/JU
 Sample : M1038-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Quant Time: Jan 09 01:00:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 11:19:41 2021
 Response via : Initial Calibration

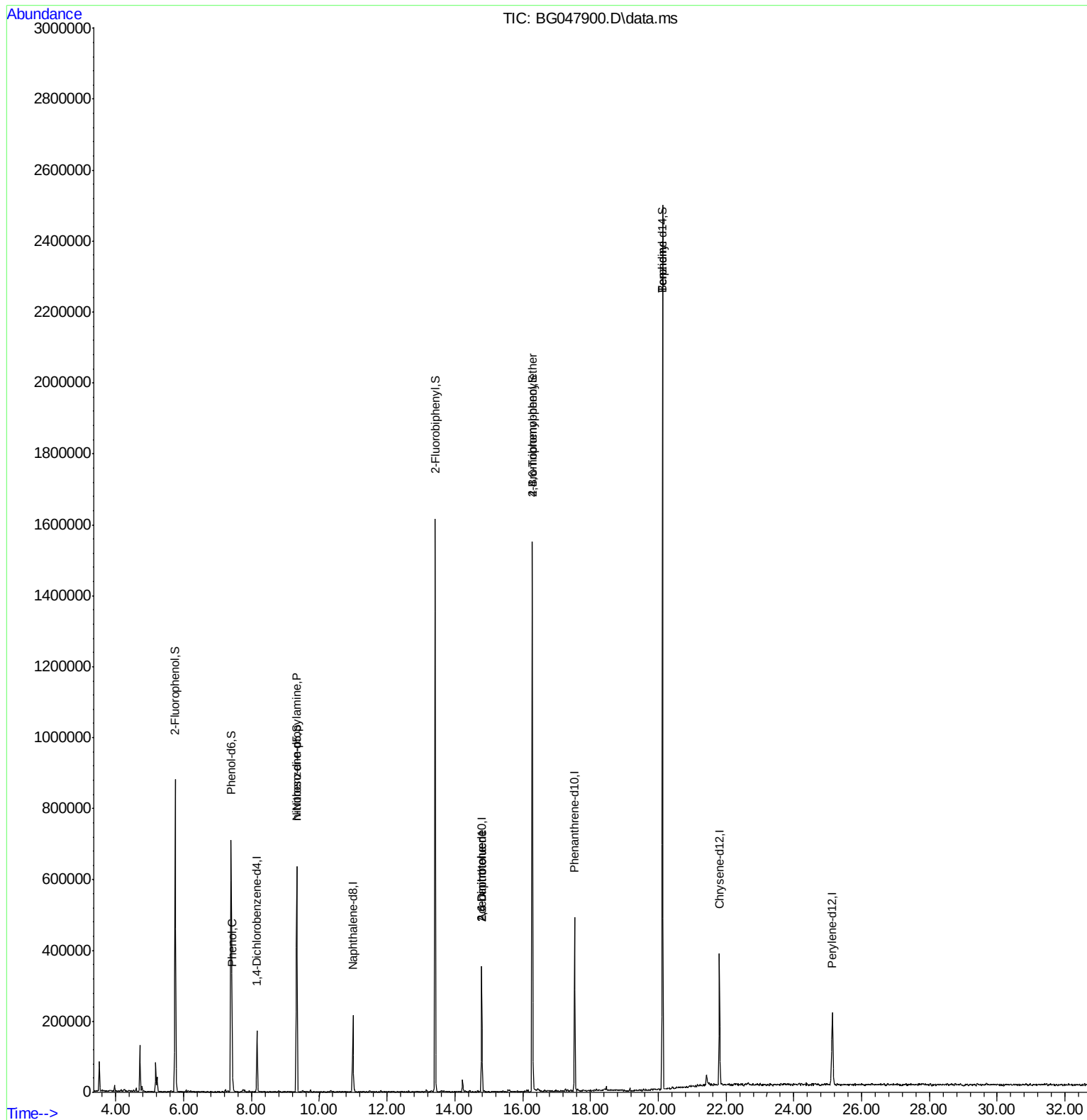
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	50500	20.00	ng	0.00
21) Naphthalene-d8	10.991	136	172737	20.00	ng	# 0.00
39) Acenaphthene-d10	14.792	164	127609	20.00	ng	0.00
64) Phenanthrene-d10	17.530	188	317903	20.00	ng	# 0.00
76) Chrysene-d12	21.808	240	240030	20.00	ng	# 0.00
86) Perylene-d12	25.133	264	238858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	381143	130.56	ng	0.00
7) Phenol-d6	7.395	99	483389	113.28	ng	0.00
23) Nitrobenzene-d5	9.334	82	402011	85.60	ng	0.00
42) 2,4,6-Tribromophenol	16.285	330	288668	132.51	ng	0.00
45) 2-Fluorobiphenyl	13.418	172	814273	82.57	ng	0.00
79) Terphenyl-d14	20.121	244	1107251	76.01	ng	0.00
Target Compounds						
10) Phenol	7.425	94	33271	8.60	ng	# 31
19) n-Nitroso-di-n-propyla...	9.334	70	58991	19.87	ng	# 76
51) 2,6-Dinitrotoluene	14.792	165	16418	7.34	ng	# 34
57) 2,4-Dinitrotoluene	14.792	165	16418	4.94	ng	# 32
67) 4-Bromophenyl-phenylether	16.285	248	20879	4.89	ng	# 1
70) Pentachlorophenol	17.201	266	104	Below Cal		# 19
77) Benzidine	20.127	184	23786	3.68	ng	95

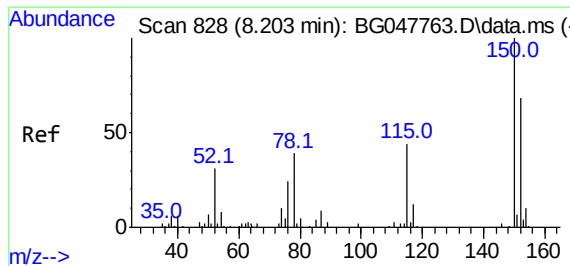
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
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BNA_G
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Quant Time: Jan 09 01:00:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 11:19:41 2021
Response via : Initial Calibration

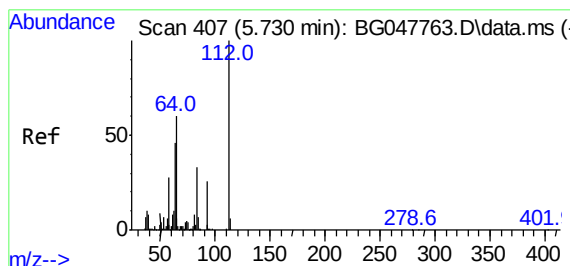
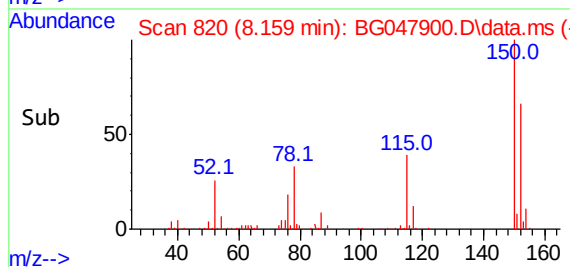
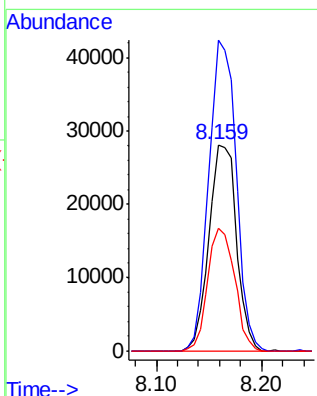
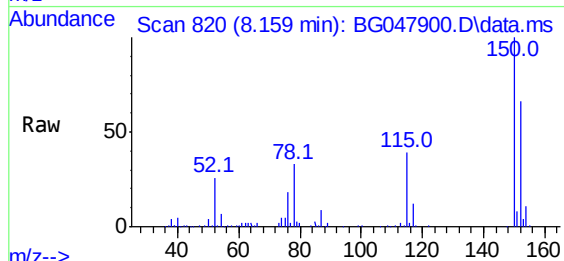




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.159 min Scan# 820
Delta R.T. -0.003 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

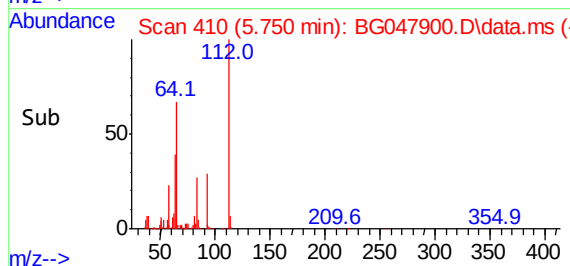
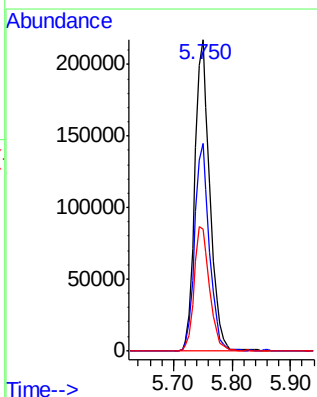
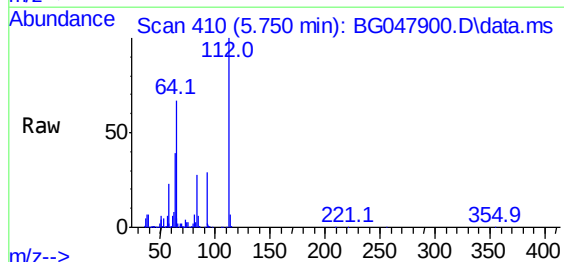
Instrument :
BNA_G
ClientSampleId :
TP-10

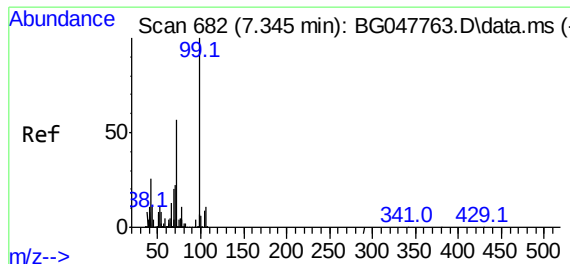
Tgt Ion:152 Resp: 50500
Ion Ratio Lower Upper
152 100
150 150.5 125.0 187.6
115 59.3 41.8 62.6



#5
2-Fluorophenol
Concen: 130.56 ng
RT: 5.750 min Scan# 410
Delta R.T. -0.003 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

Tgt Ion:112 Resp: 381143
Ion Ratio Lower Upper
112 100
64 66.8 46.7 70.1
63 38.9 22.8 34.2#

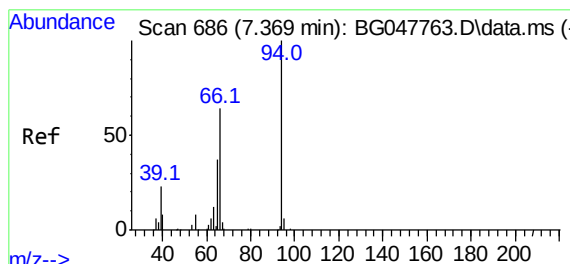
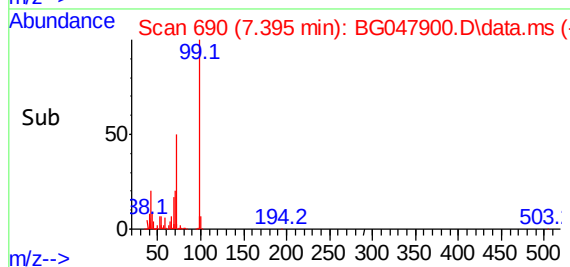
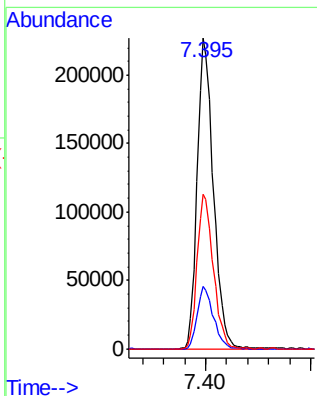
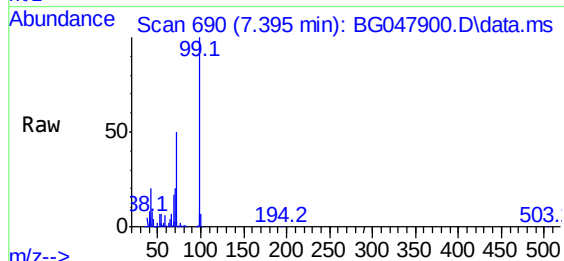




#7
Phenol-d6
Concen: 113.28 ng
RT: 7.395 min Scan# 690
Delta R.T. -0.003 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

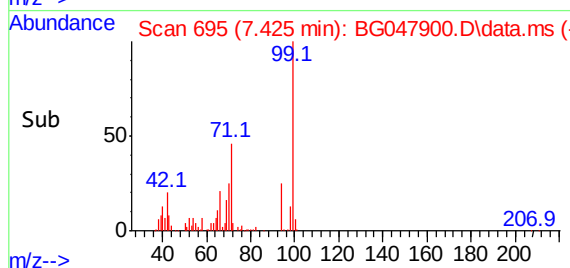
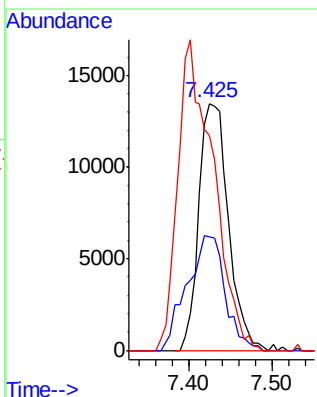
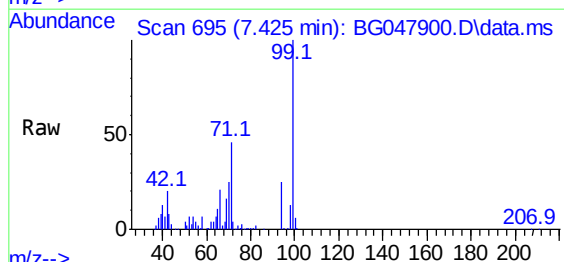
Instrument :
BNA_G
ClientSampleId :
TP-10

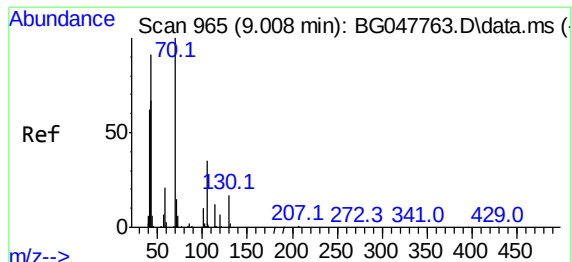
Tgt Ion: 99 Resp: 483389
Ion Ratio Lower Upper
99 100
42 20.0 12.8 19.2#
71 49.8 24.6 36.8#



#10
Phenol
Concen: 8.60 ng
RT: 7.425 min Scan# 695
Delta R.T. -0.003 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

Tgt Ion: 94 Resp: 33271
Ion Ratio Lower Upper
94 100
65 46.2 6.6 46.6
66 86.9 13.9 53.9#

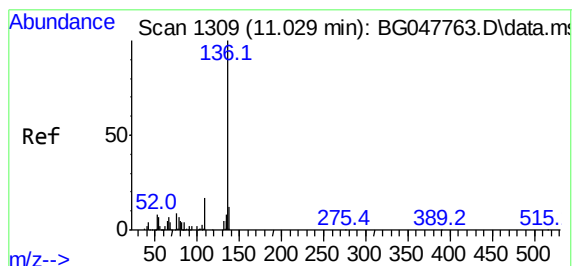
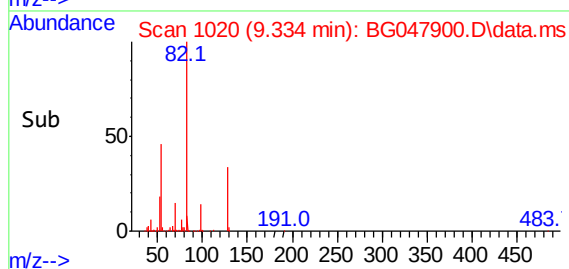
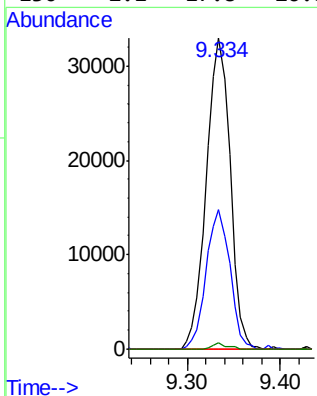
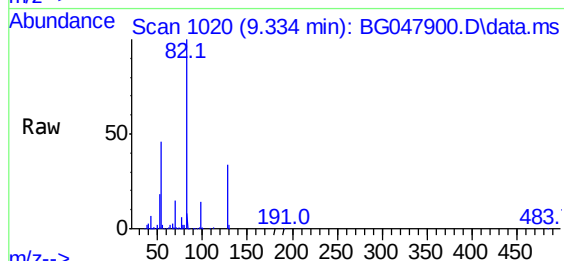




#19
n-Nitroso-di-n-propylamine
Concen: 19.87 ng
RT: 9.334 min Scan# 1020
Delta R.T. 0.367 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

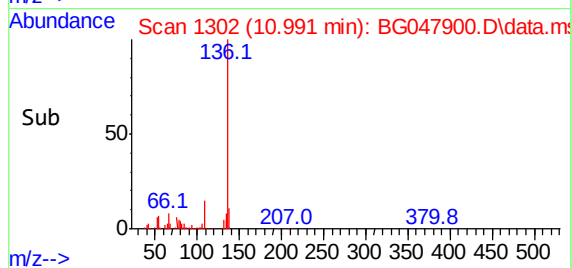
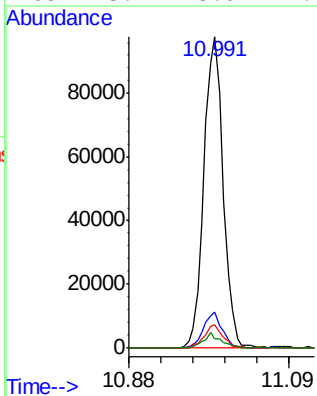
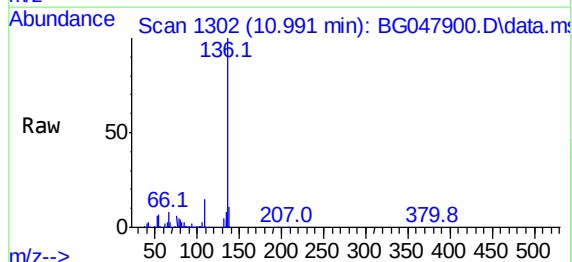
Instrument :
BNA_G
ClientSampled :
TP-10

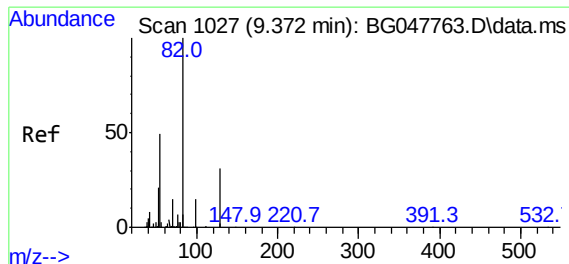
Tgt Ion: 70 Resp: 58991
Ion Ratio Lower Upper
70 100
42 44.9 45.6 68.4#
101 0.0 8.4 12.6#
130 2.1 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.991 min Scan# 1302
Delta R.T. -0.003 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

Tgt Ion: 136 Resp: 172737
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.1 6.2 9.4
68 3.2 5.0 7.4#

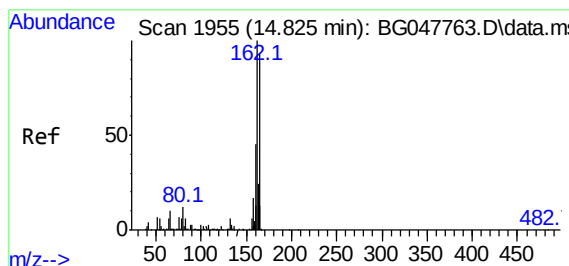
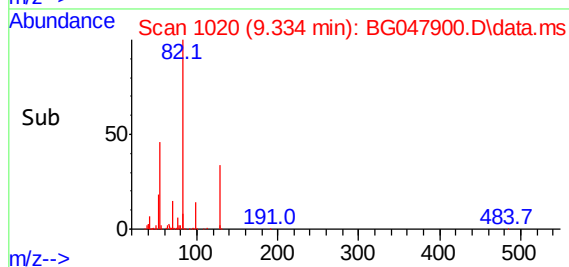
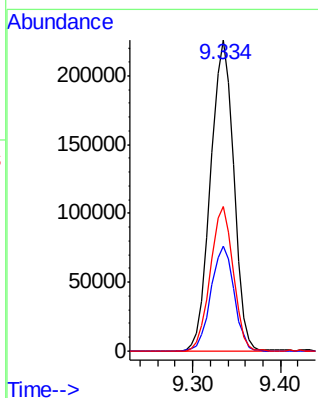
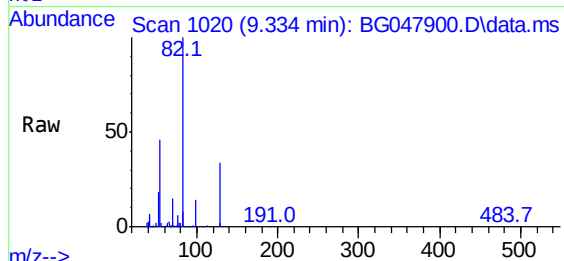




#23
Nitrobenzene-d5
Concen: 85.60 ng
RT: 9.334 min Scan# 1020
Delta R.T. -0.003 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

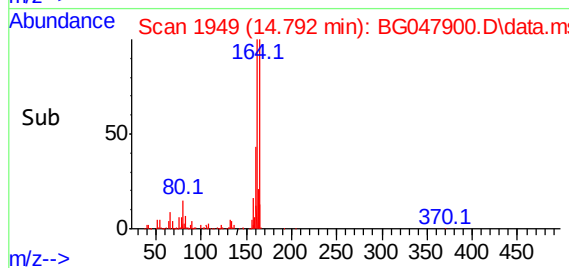
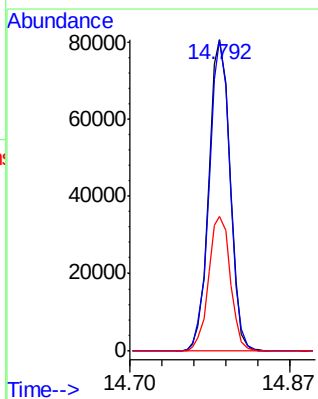
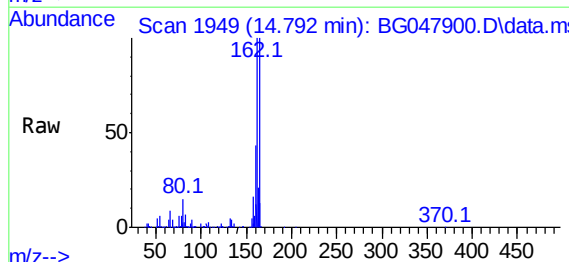
Instrument :
BNA_G
ClientSampleId :
TP-10

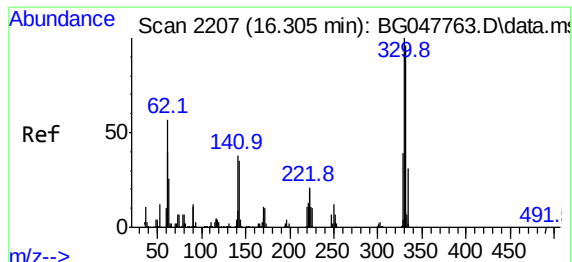
Tgt Ion: 82 Resp: 402011
Ion Ratio Lower Upper
82 100
128 33.8 37.0 55.6#
54 46.4 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.792 min Scan# 1949
Delta R.T. -0.003 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

Tgt Ion: 164 Resp: 127609
Ion Ratio Lower Upper
164 100
162 100.2 82.3 123.5
160 43.4 35.3 52.9

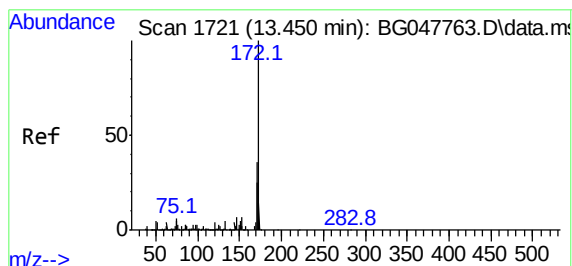
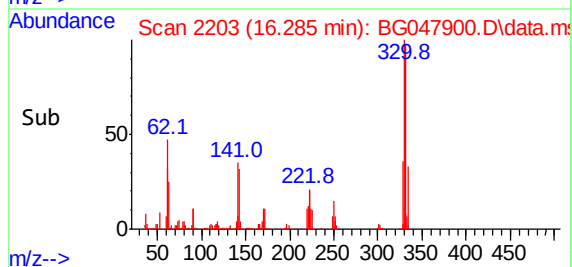
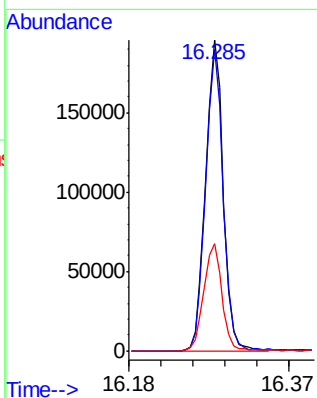
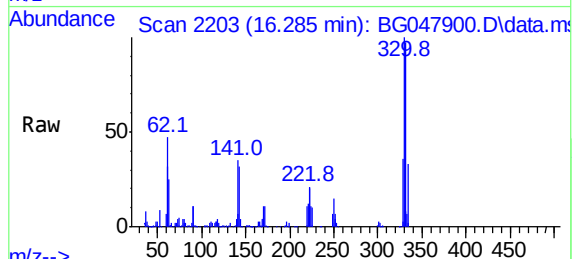




#42
2,4,6-Tribromophenol
Concen: 132.51 ng
RT: 16.285 min Scan# 2203
Delta R.T. -0.003 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

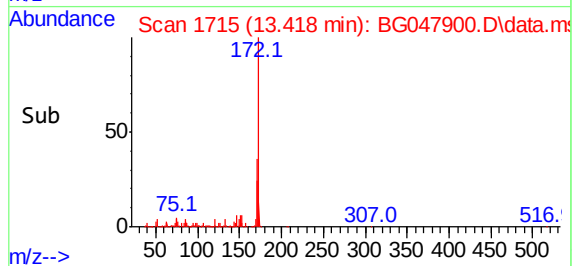
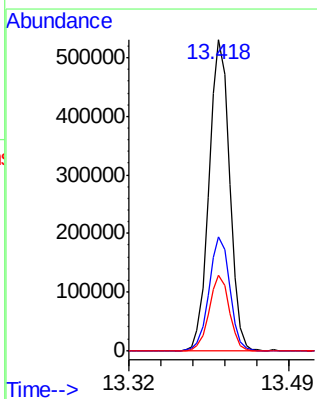
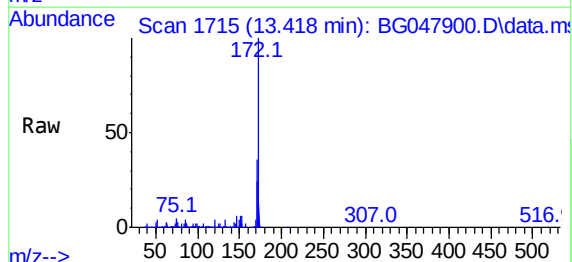
Instrument :
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ClientSampleId :
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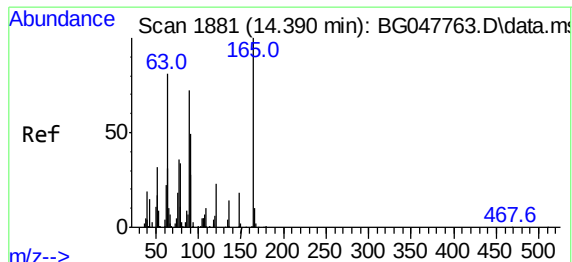
Tgt Ion:330 Resp: 288668
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 35.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 82.57 ng
RT: 13.418 min Scan# 1715
Delta R.T. -0.003 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

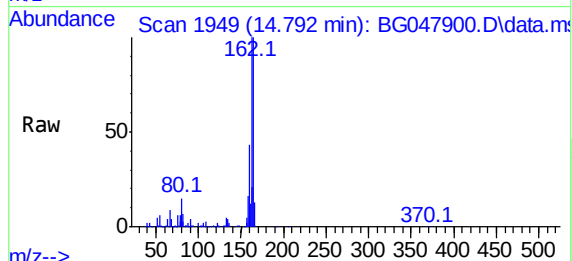
Tgt Ion:172 Resp: 814273
Ion Ratio Lower Upper
172 100
171 36.5 31.3 46.9
170 24.3 20.8 31.2



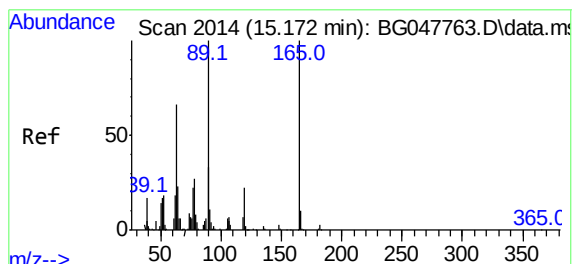
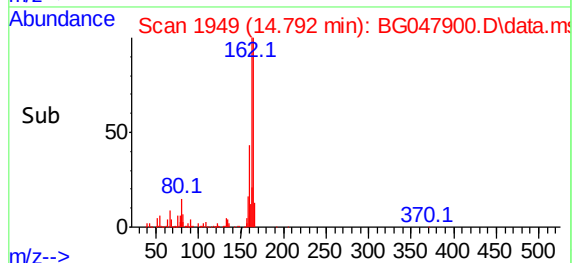
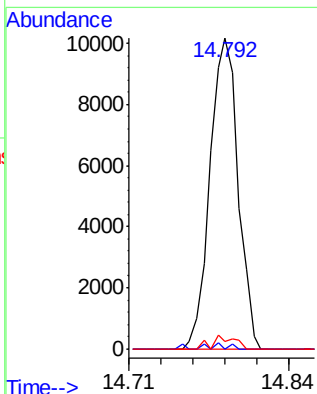


#51
2,6-Dinitrotoluene
Concen: 7.34 ng
RT: 14.792 min Scan# 1949
Delta R.T. 0.432 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

Instrument :
BNA_G
ClientSampleId :
TP-10

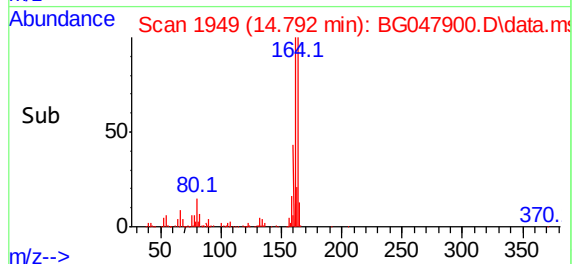
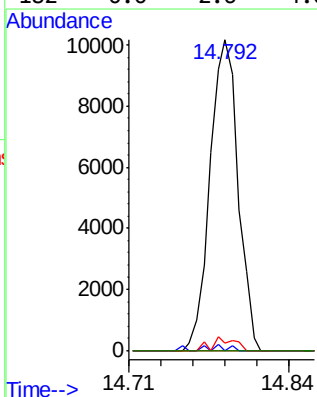
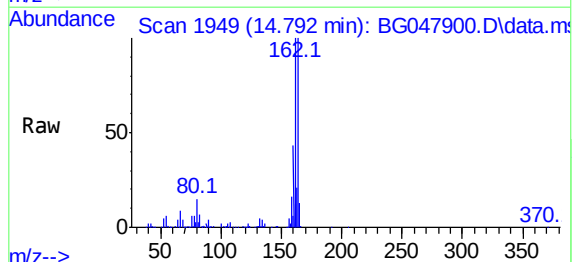


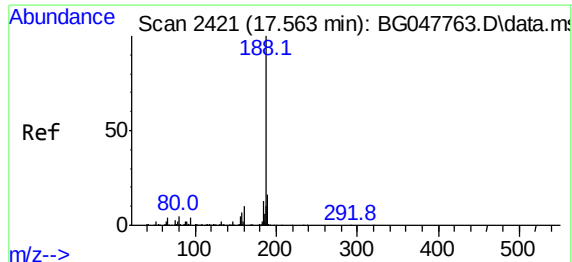
Tgt Ion:165 Resp: 16418
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.4 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.94 ng
RT: 14.792 min Scan# 1949
Delta R.T. -0.355 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

Tgt Ion:165 Resp: 16418
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.4 47.8 71.8#
182 0.0 2.6 4.0#

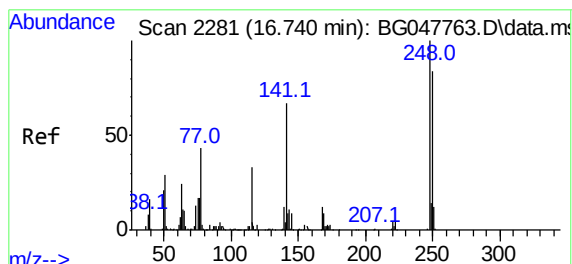
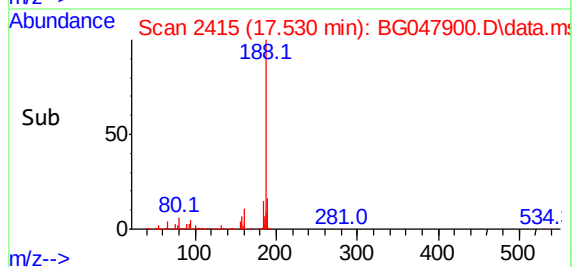
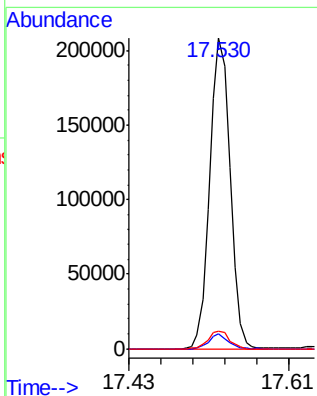
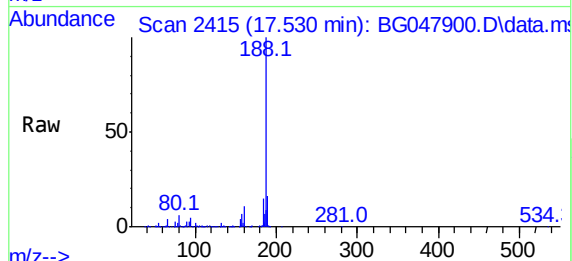




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.530 min Scan# 2415
Delta R.T. -0.003 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

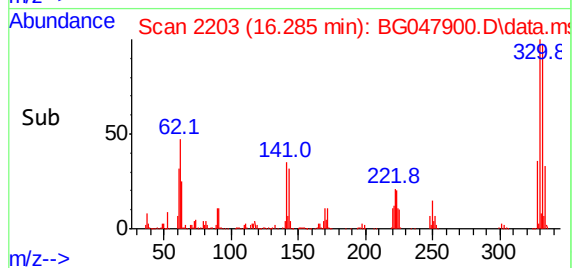
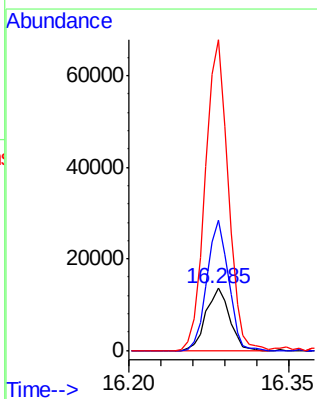
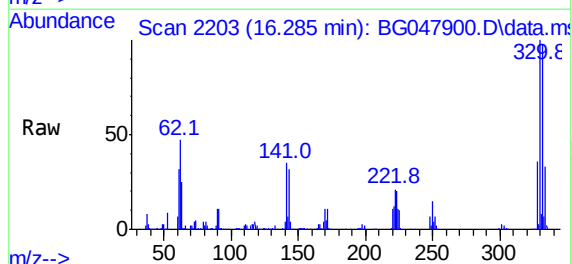
Instrument :
BNA_G
ClientSampleID :
TP-10

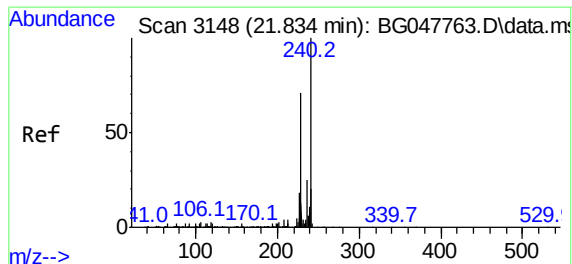
Tgt Ion:188 Resp: 317903
Ion Ratio Lower Upper
188 100
94 5.0 6.3 9.5#
80 5.7 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 16.285 min Scan# 2203
Delta R.T. -0.432 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

Tgt Ion:248 Resp: 20879
Ion Ratio Lower Upper
248 100
250 209.4 78.9 118.3#
141 498.9 46.2 69.4#

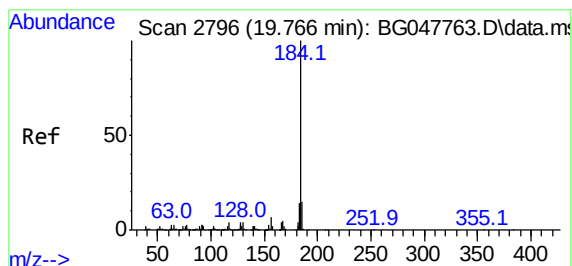
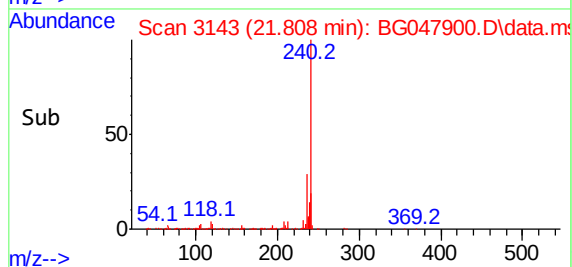
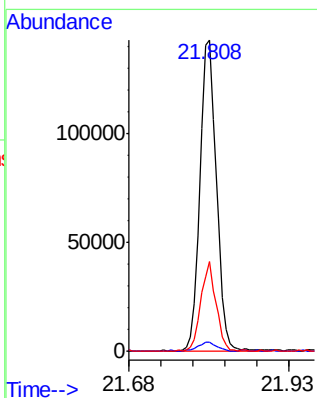
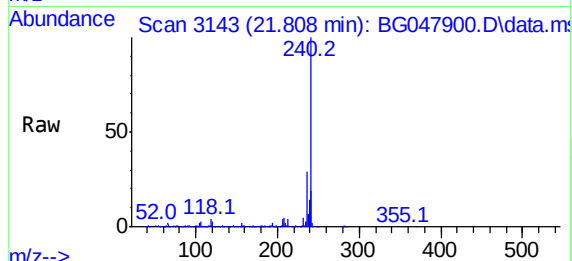




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.808 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

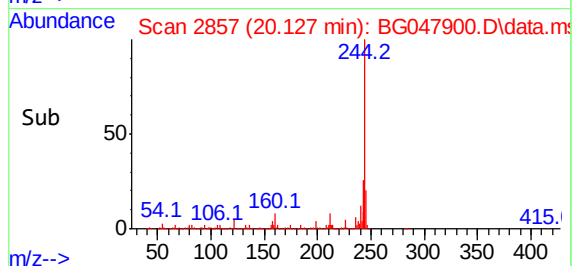
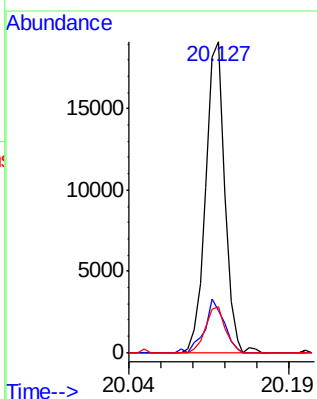
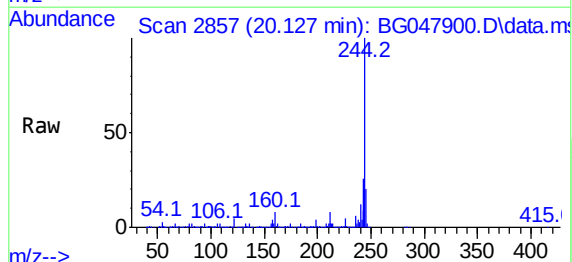
Instrument :
BNA_G
ClientSampleId :
TP-10

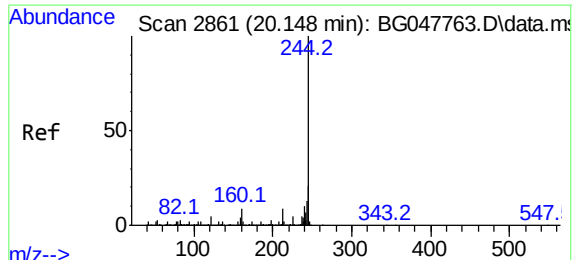
Tgt Ion:240 Resp: 240030
Ion Ratio Lower Upper
240 100
120 2.9 6.2 9.4#
236 28.7 20.5 30.7



#77
Benzidine
Concen: 3.68 ng
RT: 20.127 min Scan# 2857
Delta R.T. 0.379 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

Tgt Ion:184 Resp: 23786
Ion Ratio Lower Upper
184 100
185 13.4 12.4 18.6
183 14.7 10.6 15.8

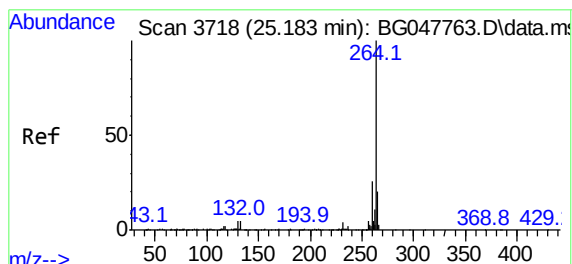
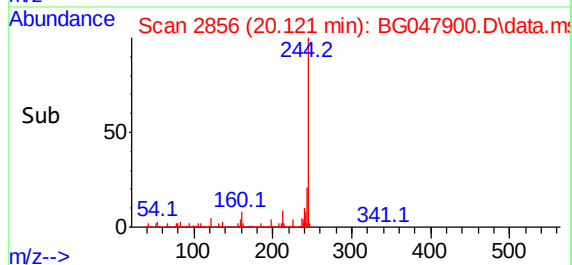
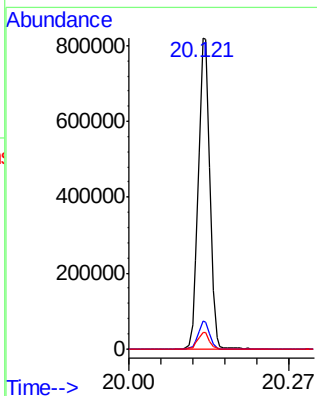
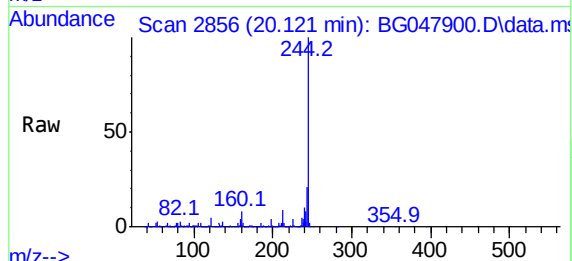




#79
Terphenyl-d14
Concen: 76.01 ng
RT: 20.121 min Scan# 2856
Delta R.T. -0.003 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

Instrument :
BNA_G
ClientSampleId :
TP-10

Tgt Ion:244 Resp: 1107251
Ion Ratio Lower Upper
244 100
212 9.0 6.7 10.1
122 5.4 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.133 min Scan# 3709
Delta R.T. -0.003 min
Lab File: BG047900.D
Acq: 9 Jan 2021 00:05

Tgt Ion:264 Resp: 238858
Ion Ratio Lower Upper
264 100
260 24.8 18.8 28.2
265 20.0 17.8 26.8

