

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
 Data File : BG047901.D
 Acq On : 9 Jan 2021 00:45
 Operator : CG/JU
 Sample : M1038-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Quant Time: Jan 09 01:33:32 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)

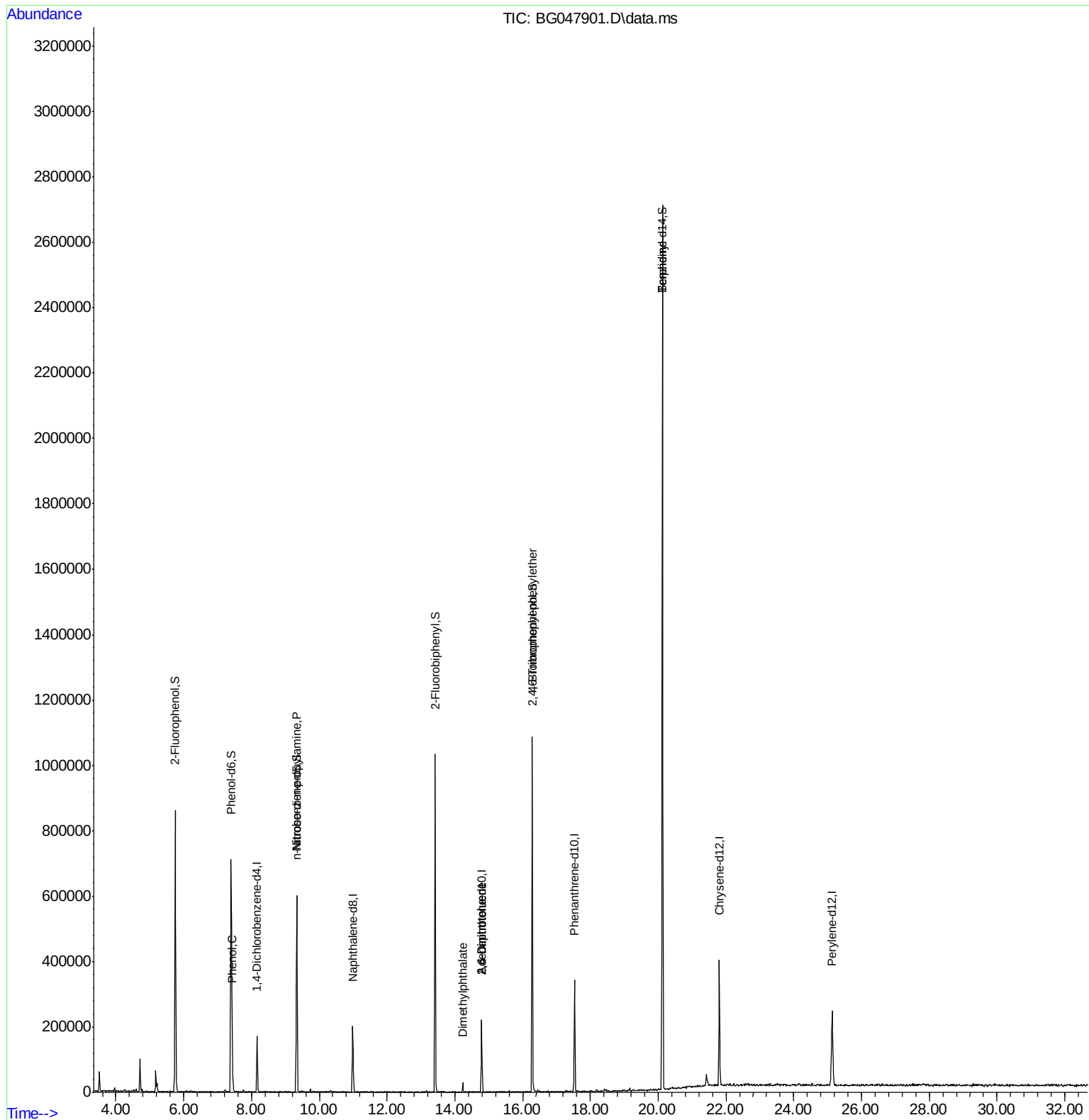
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.162	152	46044	20.00	ng	# 0.00
21) Naphthalene-d8	10.988	136	158339	20.00	ng	# 0.00
39) Acenaphthene-d10	14.790	164	82679	20.00	ng	0.00
64) Phenanthrene-d10	17.533	188	219432	20.00	ng	# 0.00
76) Chrysene-d12	21.805	240	255099	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	254914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	367951	138.24	ng	0.00
7) Phenol-d6	7.398	99	462889	118.97	ng	0.00
23) Nitrobenzene-d5	9.331	82	374473	86.99	ng	0.00
42) 2,4,6-Tribromophenol	16.288	330	205077	145.29	ng	0.00
45) 2-Fluorobiphenyl	13.415	172	521840	81.67	ng	0.00
79) Terphenyl-d14	20.124	244	1140364	73.66	ng	0.00
Target Compounds						
10) Phenol	7.428	94	48426	13.73	ng	# 62
19) n-Nitroso-di-n-propyla...	9.337	70	54589	20.16	ng	# 74
50) Dimethylphthalate	14.231	163	16229	2.28	ng	# 98
51) 2,6-Dinitrotoluene	14.790	165	10458	7.22	ng	# 32
57) 2,4-Dinitrotoluene	14.790	165	10458	4.86	ng	# 30
67) 4-Bromophenyl-phenylether	16.282	248	14054	4.77	ng	# 1
70) Pentachlorophenol	17.287	266	54	Below Cal		# 19
77) Benzidine	20.124	184	24685	3.60	ng	# 97

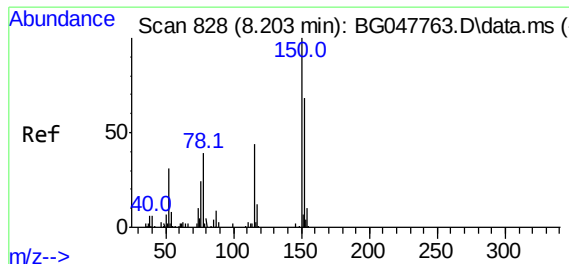
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 09 01:33:32 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

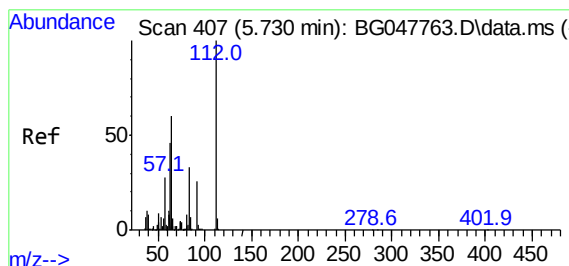
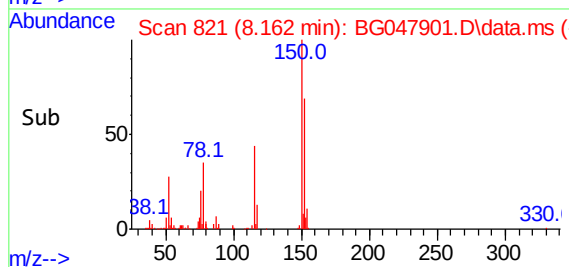
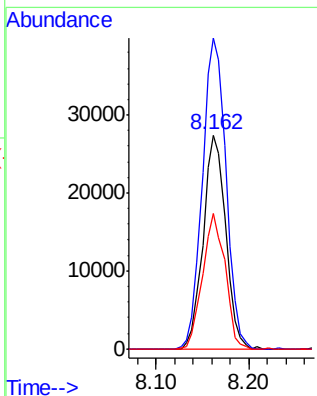
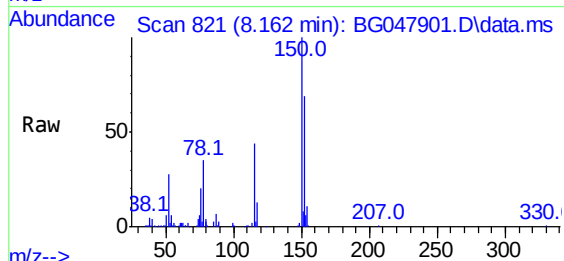




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.162 min Scan# 821
Delta R.T. 0.000 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

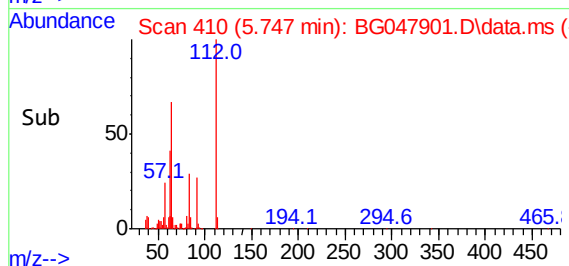
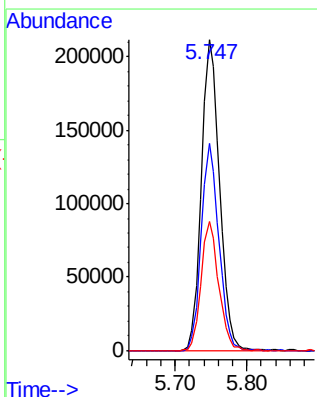
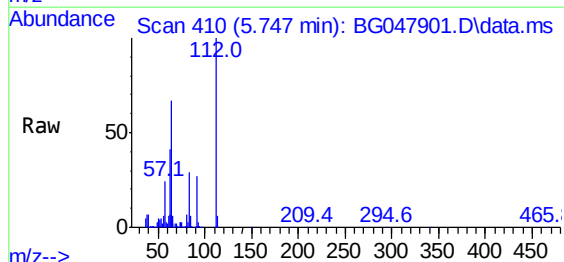
Instrument :
BNA_G
ClientSampleId :
TP-11

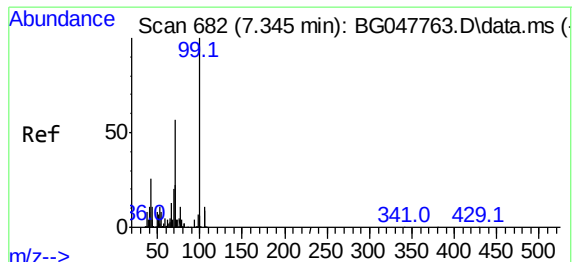
Tgt Ion:152 Resp: 46044
Ion Ratio Lower Upper
152 100
150 145.6 125.0 187.6
115 63.5 41.8 62.6#



#5
2-Fluorophenol
Concen: 138.24 ng
RT: 5.747 min Scan# 410
Delta R.T. -0.006 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

Tgt Ion:112 Resp: 367951
Ion Ratio Lower Upper
112 100
64 66.6 46.7 70.1
63 41.3 22.8 34.2#

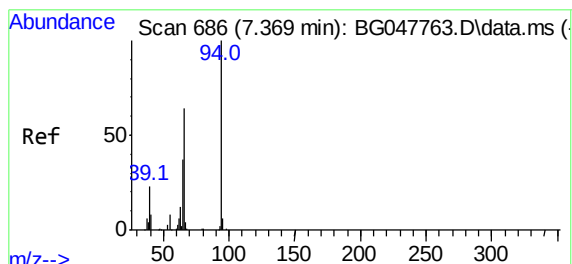
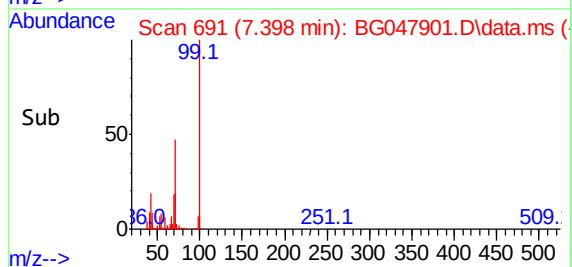
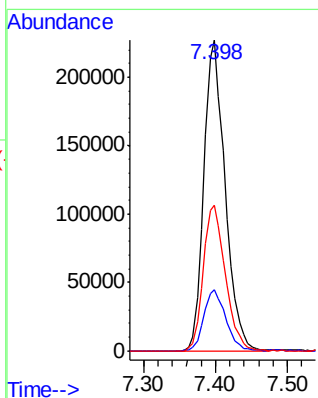
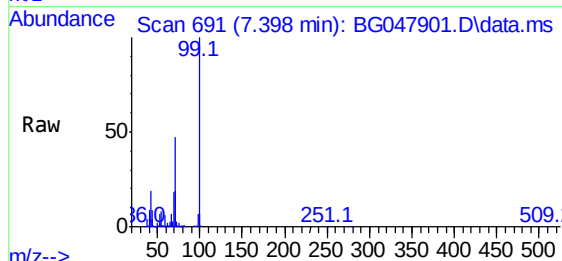




#7
Phenol-d6
Concen: 118.97 ng
RT: 7.398 min Scan# 691
Delta R.T. 0.000 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

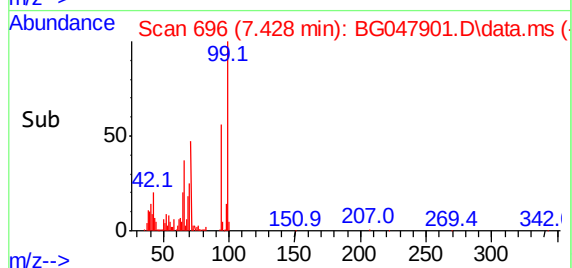
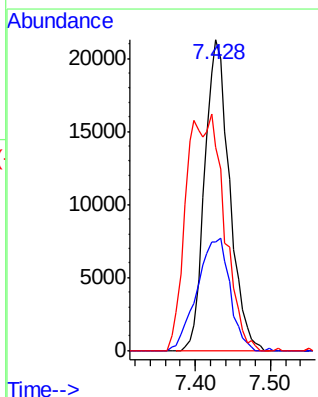
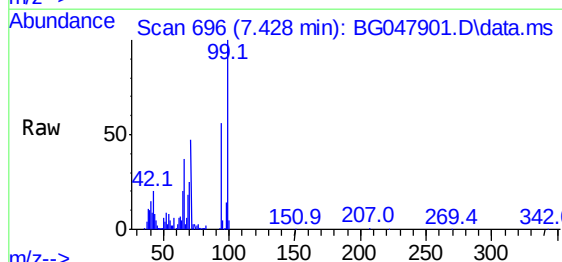
Instrument :
BNA_G
ClientSampleId :
TP-11

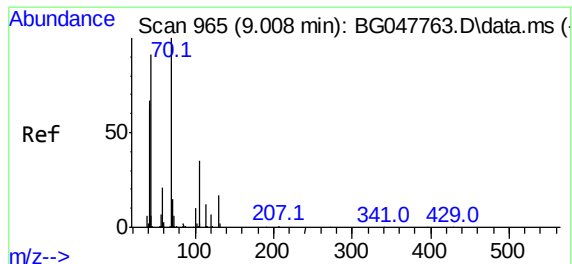
Tgt Ion: 99 Resp: 462889
Ion Ratio Lower Upper
99 100
42 19.5 12.8 19.2#
71 47.0 24.6 36.8#



#10
Phenol
Concen: 13.73 ng
RT: 7.428 min Scan# 696
Delta R.T. 0.000 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

Tgt Ion: 94 Resp: 48426
Ion Ratio Lower Upper
94 100
65 34.9 6.6 46.6
66 65.2 13.9 53.9#

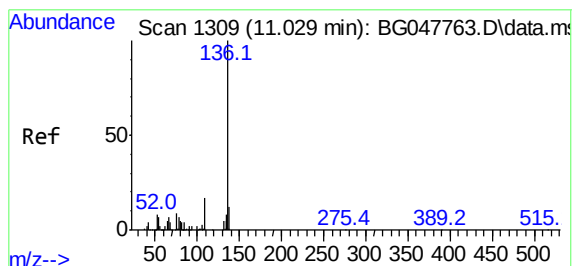
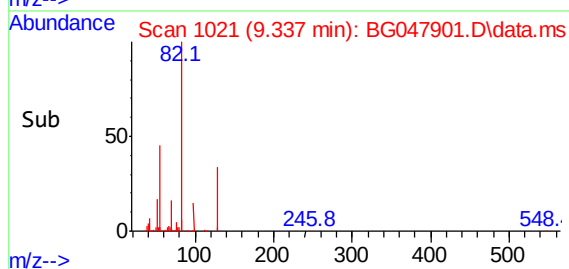
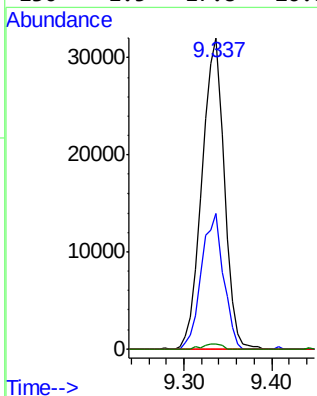
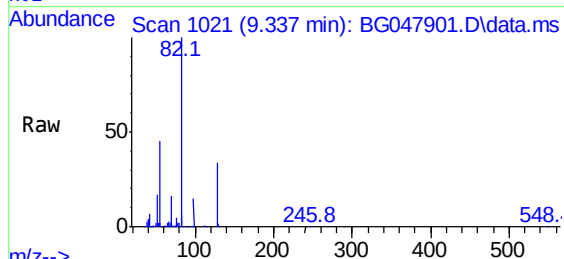




#19
n-Nitroso-di-n-propylamine
Concen: 20.16 ng
RT: 9.337 min Scan# 1021
Delta R.T. 0.370 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

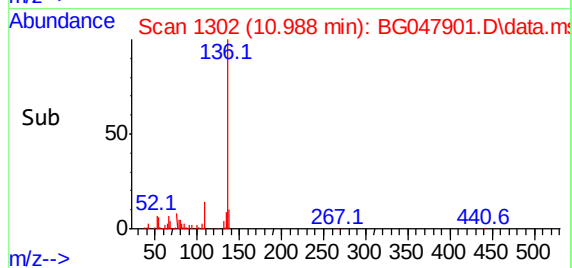
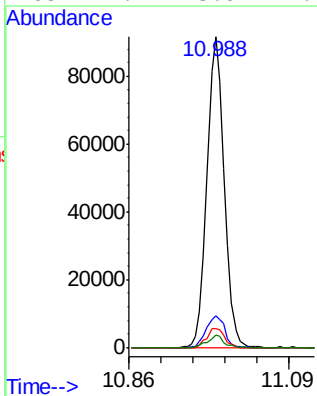
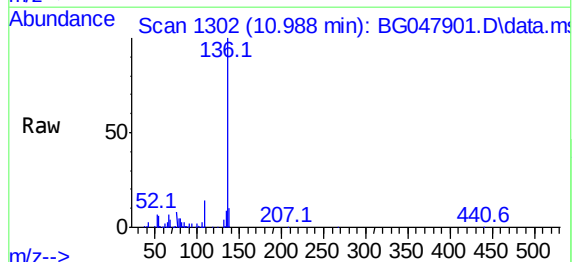
Instrument :
BNA_G
ClientSampleId :
TP-11

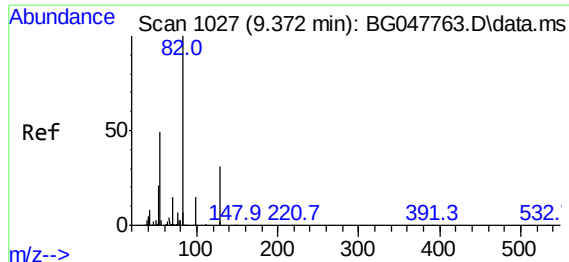
Tgt Ion: 70 Resp: 54589
Ion Ratio Lower Upper
70 100
42 43.4 45.6 68.4#
101 0.0 8.4 12.6#
130 1.5 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.988 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

Tgt Ion: 136 Resp: 158339
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 6.2 6.2 9.4#
68 4.1 5.0 7.4#

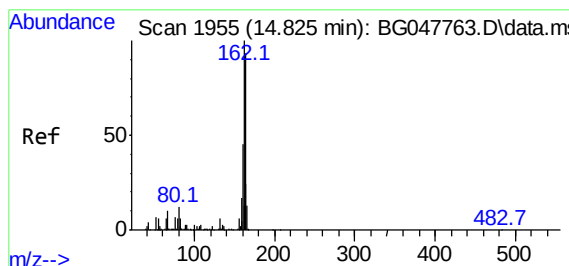
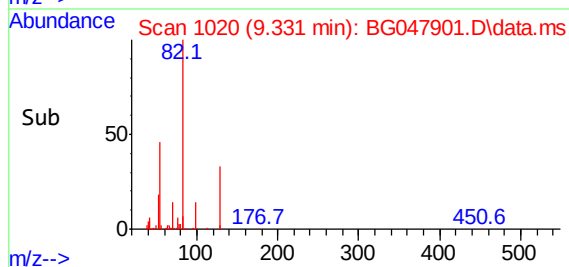
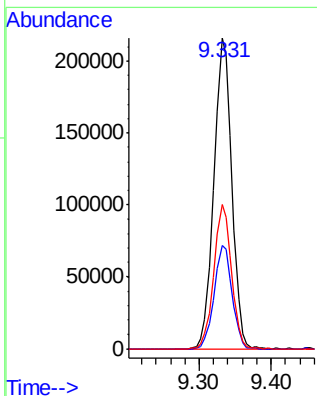
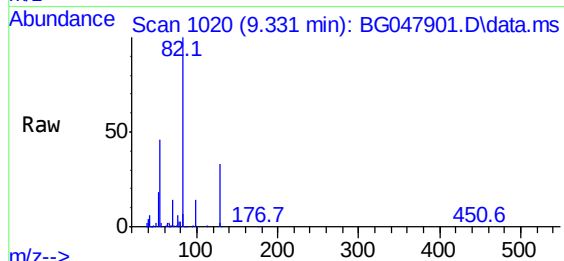




#23
Nitrobenzene-d5
Concen: 86.99 ng
RT: 9.331 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

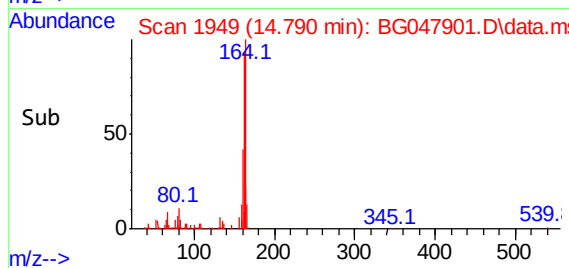
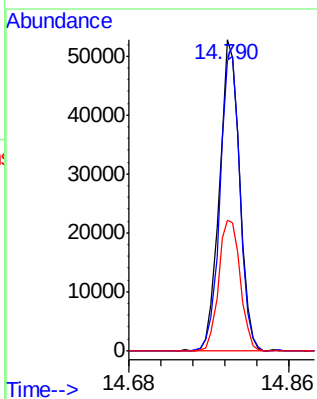
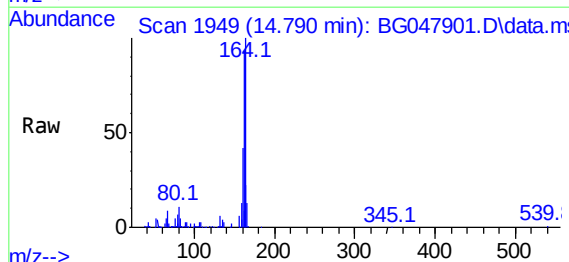
Instrument :
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ClientSampleId :
TP-11

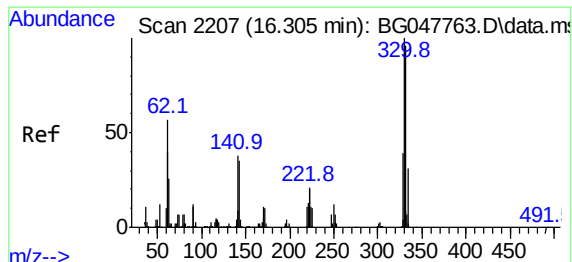
Tgt Ion: 82 Resp: 374473
Ion Ratio Lower Upper
82 100
128 33.4 37.0 55.6#
54 46.3 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.790 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

Tgt Ion: 164 Resp: 82679
Ion Ratio Lower Upper
164 100
162 93.3 82.3 123.5
160 42.0 35.3 52.9

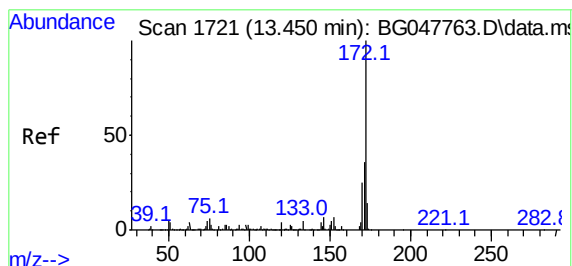
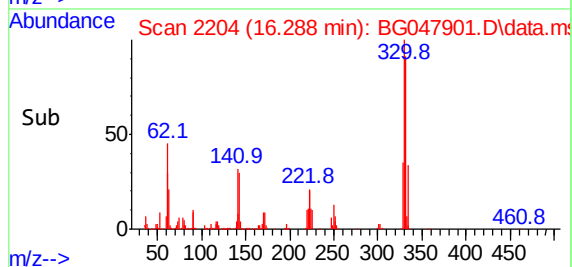
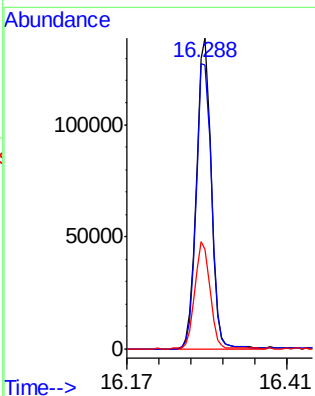
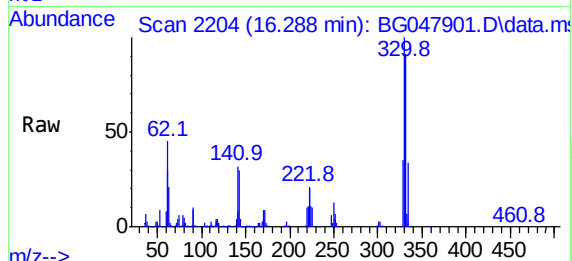




#42
2,4,6-Tribromophenol
Concen: 145.29 ng
RT: 16.288 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

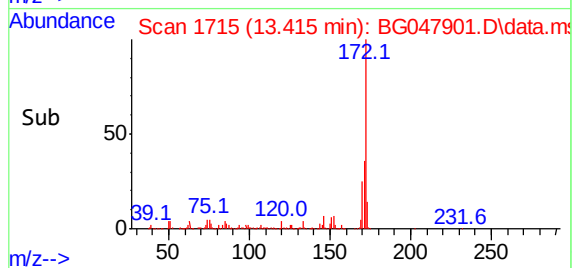
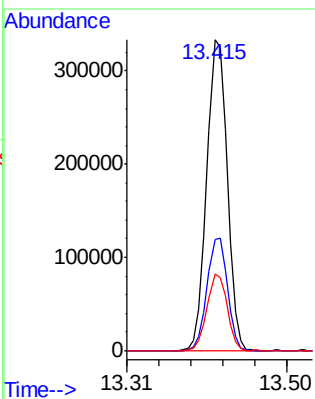
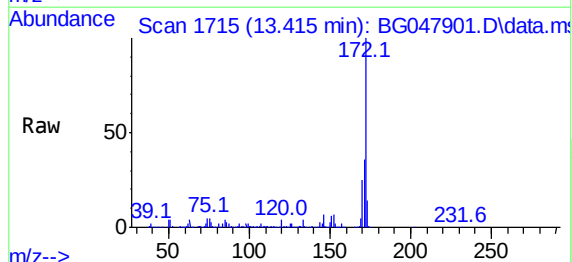
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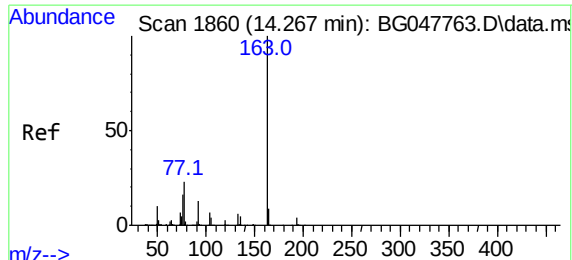
Tgt Ion:330 Resp: 205077
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 35.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 81.67 ng
RT: 13.415 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

Tgt Ion:172 Resp: 521840
Ion Ratio Lower Upper
172 100
171 35.8 31.3 46.9
170 24.6 20.8 31.2

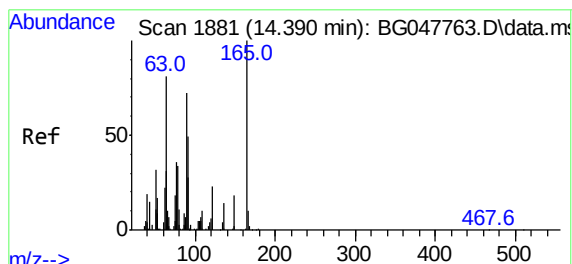
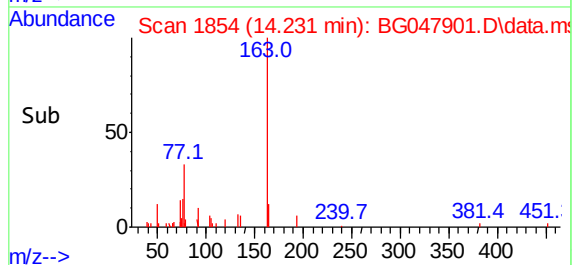
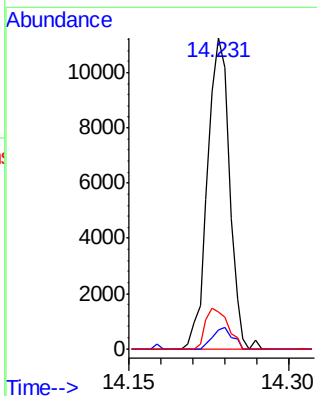
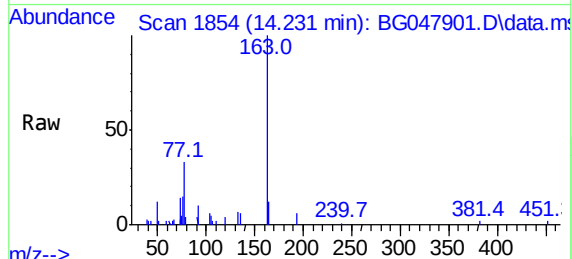




#50
Dimethylphthalate
Concen: 2.28 ng
RT: 14.231 min Scan# 1854
Delta R.T. -0.011 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

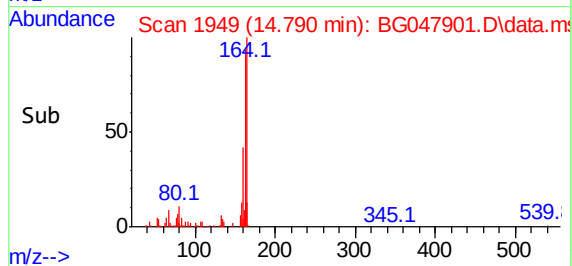
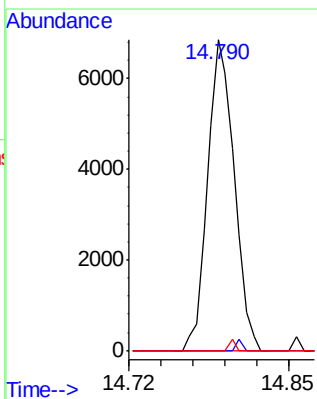
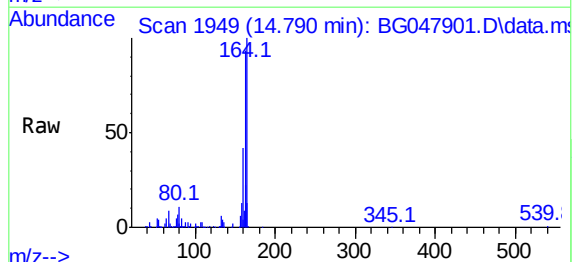
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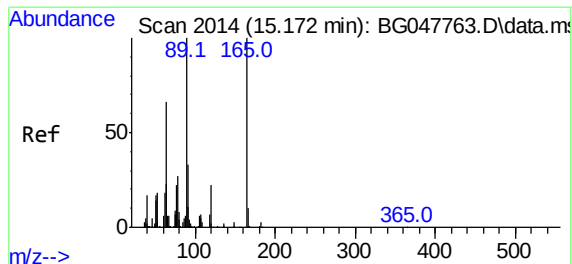
Tgt Ion:163 Resp: 16229
Ion Ratio Lower Upper
163 100
194 5.9 3.8 5.8#
164 11.8 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.22 ng
RT: 14.790 min Scan# 1949
Delta R.T. 0.429 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

Tgt Ion:165 Resp: 10458
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#

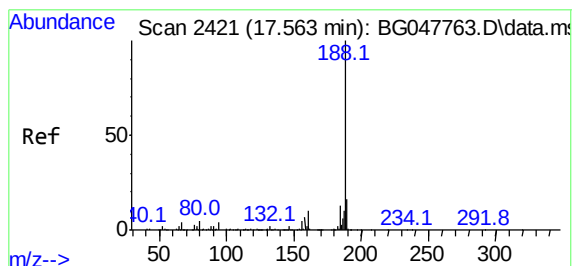
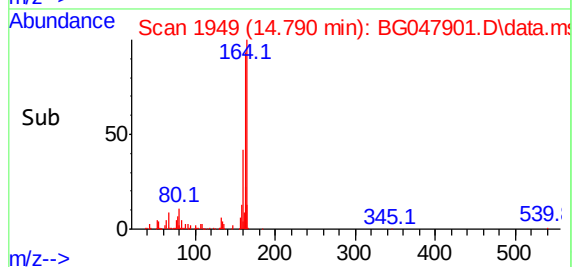
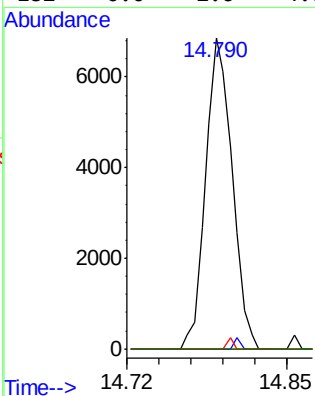
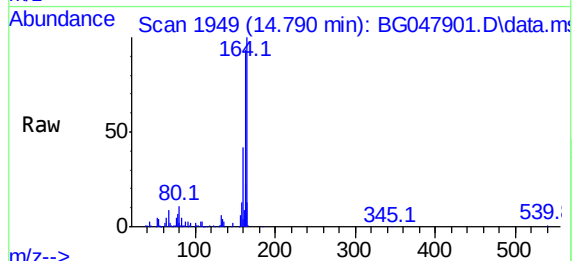




#57
2,4-Dinitrotoluene
Concen: 4.86 ng
RT: 14.790 min Scan# 1949
Delta R.T. -0.358 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

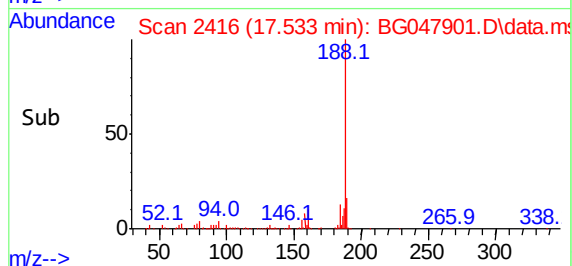
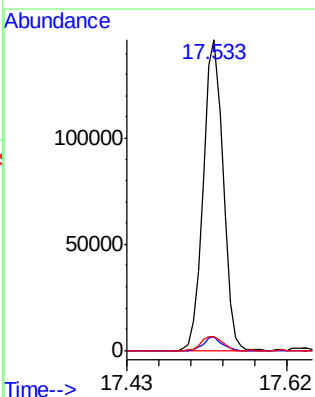
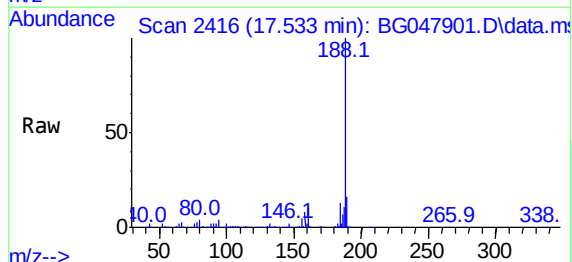
Instrument :
BNA_G
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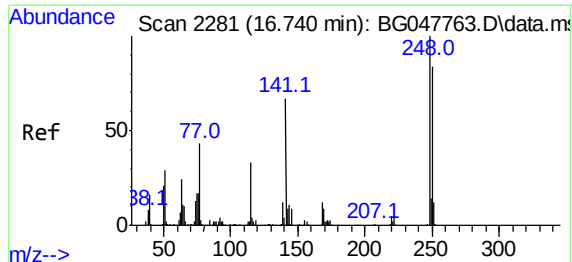
Tgt Ion:165 Resp: 10458
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.533 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

Tgt Ion:188 Resp: 219432
Ion Ratio Lower Upper
188 100
94 4.4 6.3 9.5#
80 4.5 7.0 10.6#

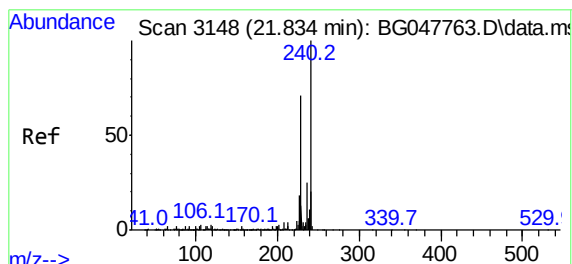
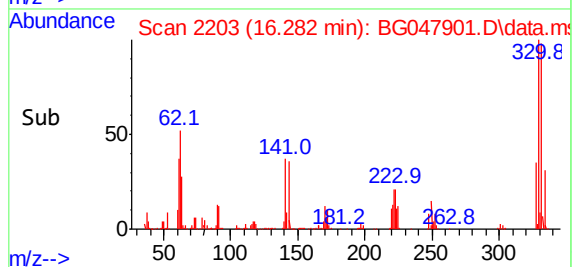
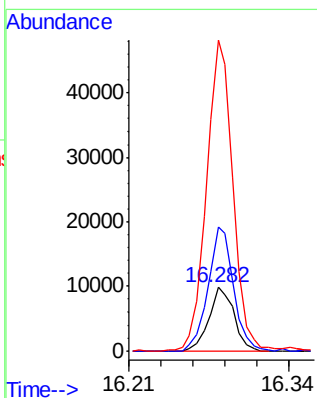
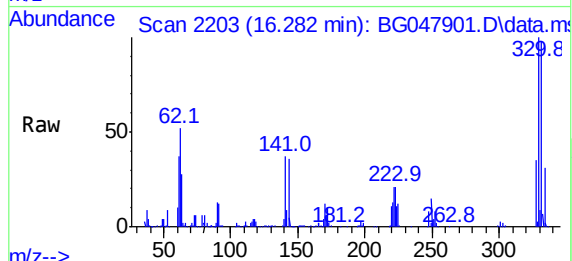




#67
4-Bromophenyl-phenylether
Concen: 4.77 ng
RT: 16.282 min Scan# 2203
Delta R.T. -0.435 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

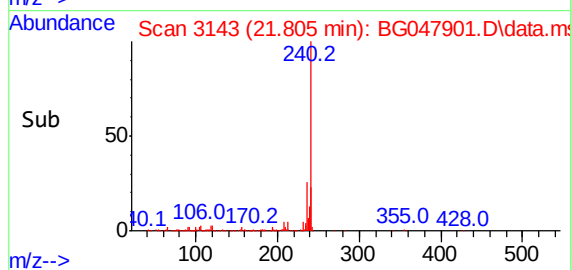
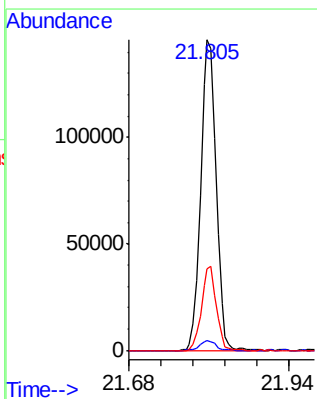
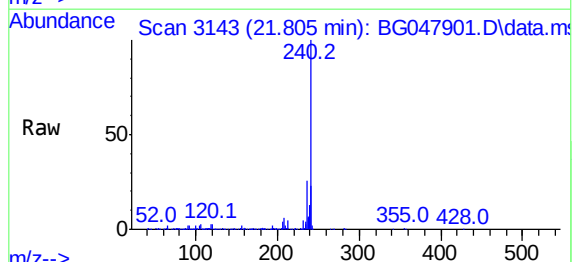
Instrument :
BNA_G
ClientSampleId :
TP-11

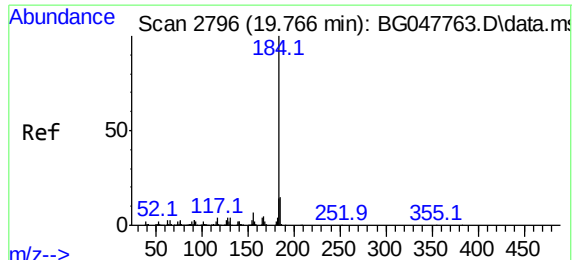
Tgt Ion:248 Resp: 14054
Ion Ratio Lower Upper
248 100
250 195.3 78.9 118.3#
141 492.0 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.805 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

Tgt Ion:240 Resp: 255099
Ion Ratio Lower Upper
240 100
120 3.0 6.2 9.4#
236 26.3 20.5 30.7

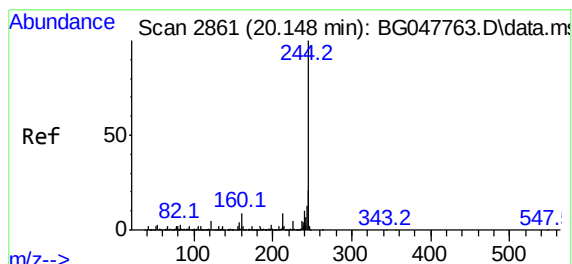
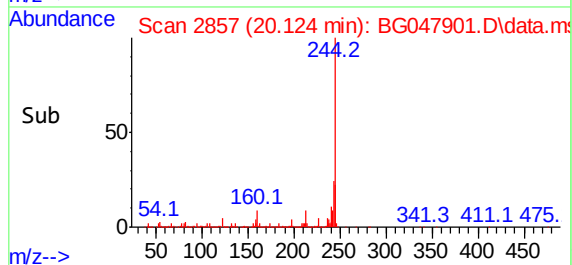
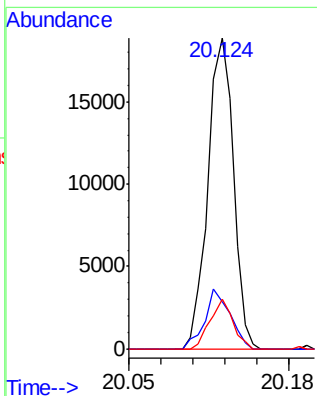
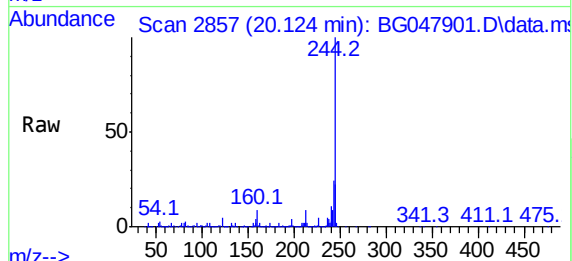




#77
Benzidine
Concen: 3.60 ng
RT: 20.124 min Scan# 2857
Delta R.T. 0.376 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

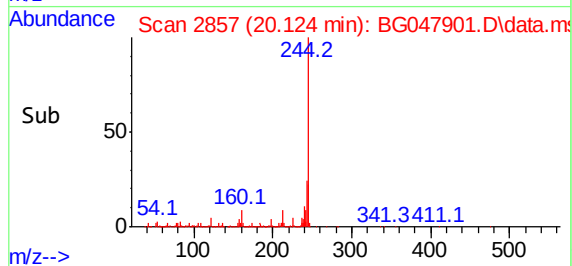
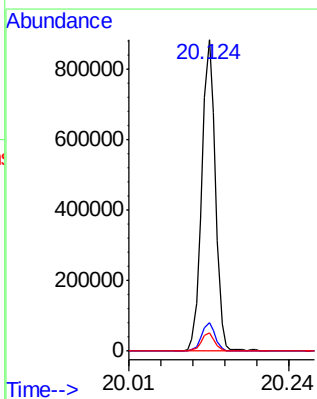
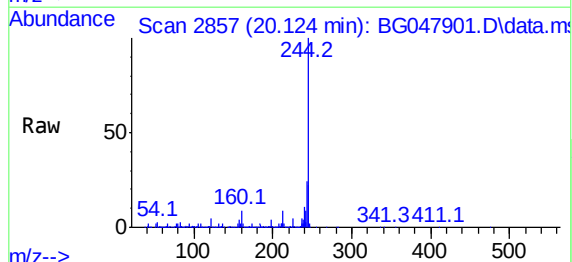
Instrument :
BNA_G
ClientSampleId :
TP-11

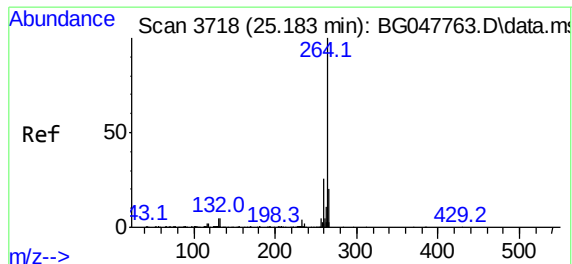
Tgt Ion:184 Resp: 24685
Ion Ratio Lower Upper
184 100
185 15.2 12.4 18.6
183 15.8 10.6 15.8#



#79
Terphenyl-d14
Concen: 73.66 ng
RT: 20.124 min Scan# 2857
Delta R.T. 0.000 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

Tgt Ion:244 Resp: 1140364
Ion Ratio Lower Upper
244 100
212 9.0 6.7 10.1
122 5.5 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.136 min Scan# 3710
Delta R.T. 0.000 min
Lab File: BG047901.D
Acq: 9 Jan 2021 00:45

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:264 Resp: 254914

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	21.2	17.8	26.8

