

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
 Data File : BG047898.D
 Acq On : 8 Jan 2021 22:45
 Operator : CG/JU
 Sample : M1038-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Jan 09 00:59:26 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)

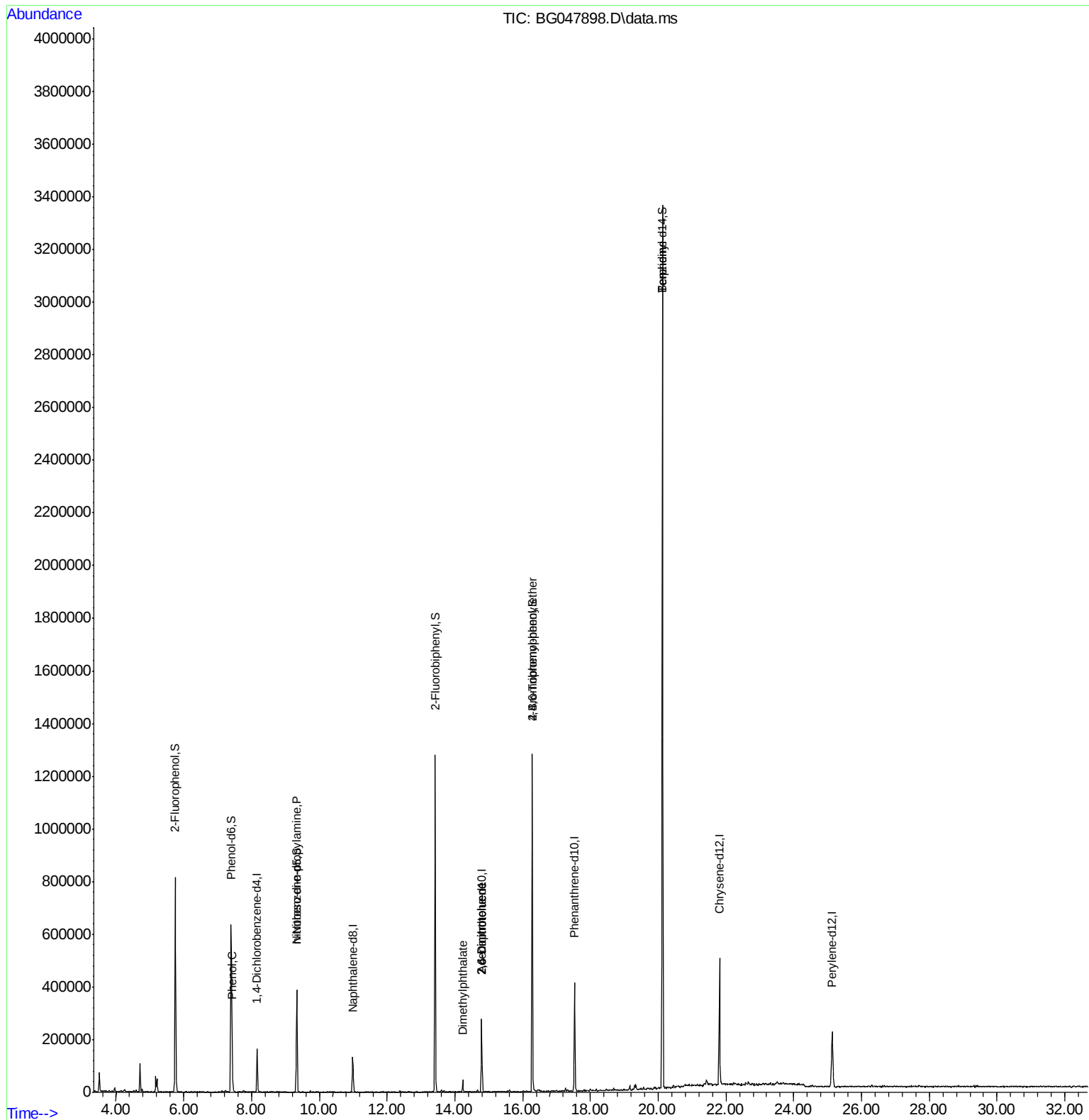
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.162	152	43340	20.00	ng	# 0.00
21) Naphthalene-d8	10.988	136	104127	20.00	ng	# 0.00
39) Acenaphthene-d10	14.789	164	100262	20.00	ng	0.00
64) Phenanthrene-d10	17.533	188	257263	20.00	ng	# 0.00
76) Chrysene-d12	21.810	240	311651	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	236818	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	341678	136.38	ng	0.00
7) Phenol-d6	7.398	99	425639	116.22	ng	0.00
23) Nitrobenzene-d5	9.337	82	230186	81.31	ng	0.00
42) 2,4,6-Tribromophenol	16.287	330	247851	144.80	ng	0.00
45) 2-Fluorobiphenyl	13.420	172	641544	82.80	ng	0.00
79) Terphenyl-d14	20.124	244	1399703	74.01	ng	0.00
Target Compounds						
10) Phenol	7.427	94	31337	9.44	ng	# 50
19) n-Nitroso-di-n-propyla...	9.337	70	36060	14.15	ng	# 80
50) Dimethylphthalate	14.231	163	25029	2.90	ng	# 96
51) 2,6-Dinitrotoluene	14.795	165	13222	7.53	ng	# 36
57) 2,4-Dinitrotoluene	14.795	165	13222	5.06	ng	# 34
67) 4-Bromophenyl-phenylether	16.287	248	17342	5.02	ng	# 1
70) Pentachlorophenol	17.239	266	157	Below Cal		# 19
77) Benzidine	20.124	184	28398	3.39	ng	# 96

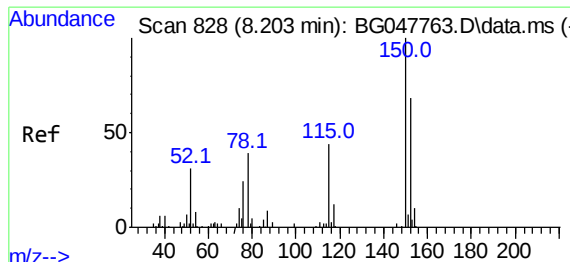
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
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QLast Update : Fri Jan 08 11:19:41 2021
Response via : Initial Calibration

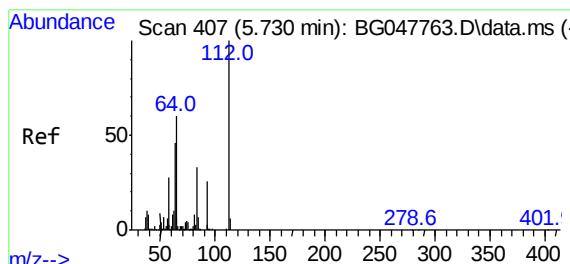
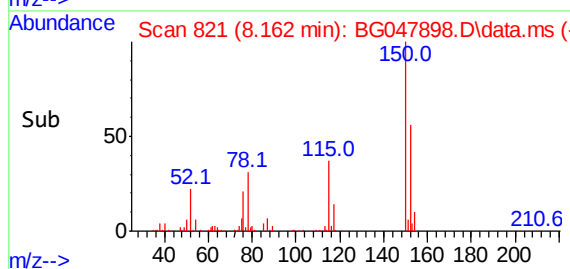
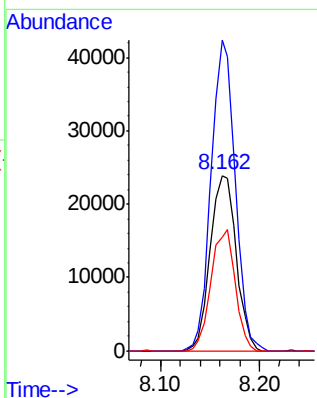
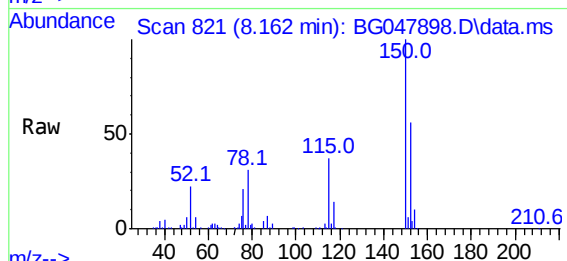




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.162 min Scan# 821
Delta R.T. -0.000 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

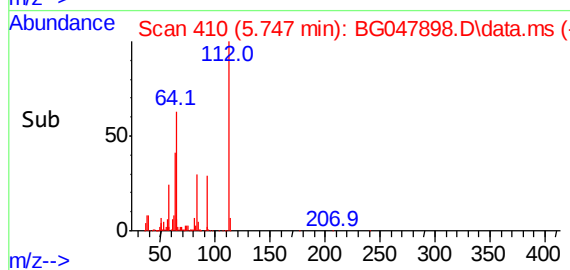
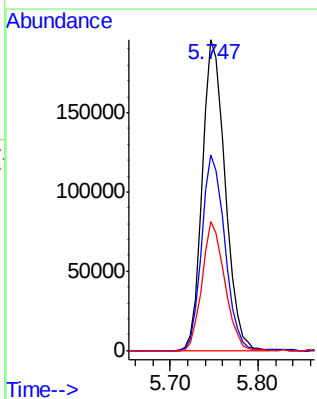
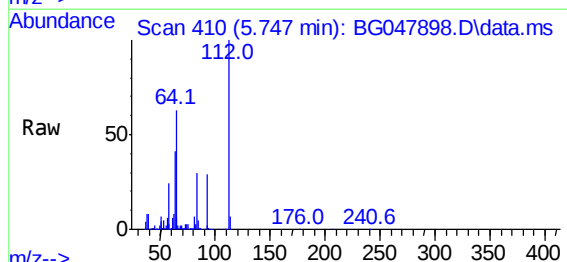
Instrument :
BNA_G
ClientSampled :
TP-6

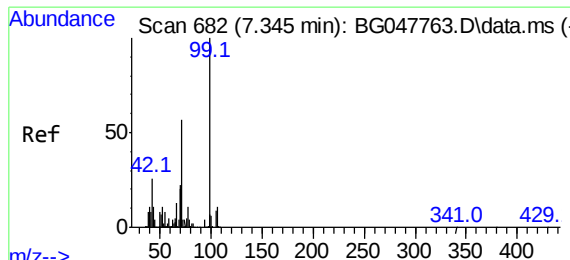
Tgt Ion:152 Resp: 43340
Ion Ratio Lower Upper
152 100
150 177.1 125.0 187.6
115 65.0 41.8 62.6#



#5
2-Fluorophenol
Concen: 136.38 ng
RT: 5.747 min Scan# 410
Delta R.T. -0.006 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

Tgt Ion:112 Resp: 341678
Ion Ratio Lower Upper
112 100
64 63.1 46.7 70.1
63 41.4 22.8 34.2#

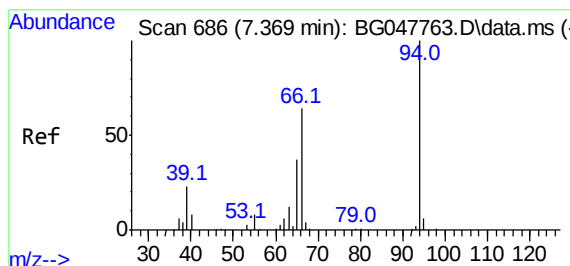
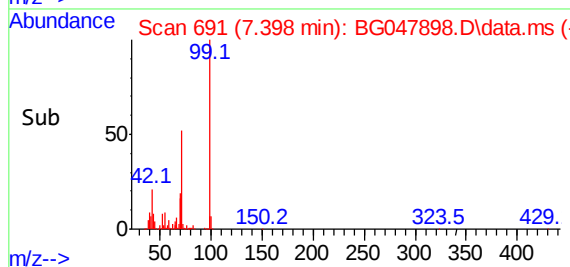
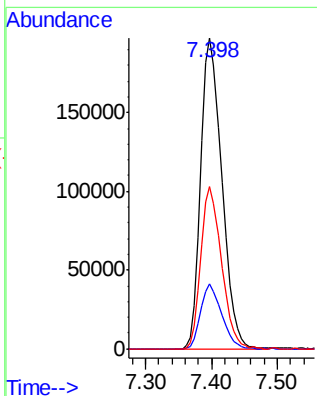
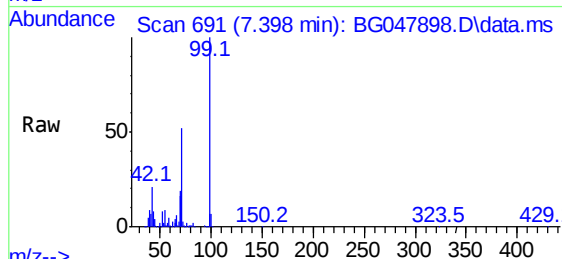




#7
Phenol-d6
Concen: 116.22 ng
RT: 7.398 min Scan# 691
Delta R.T. -0.000 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

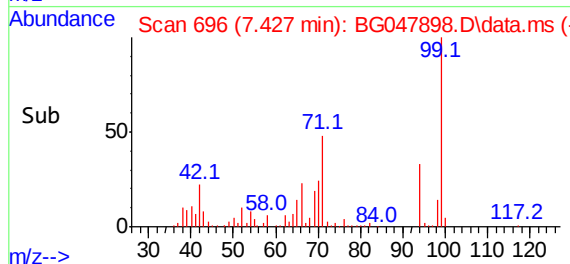
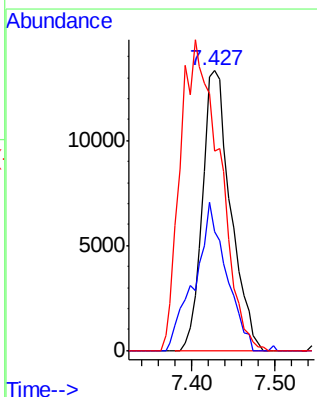
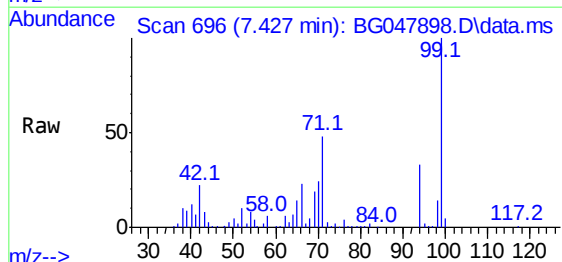
Instrument :
BNA_G
ClientSampleId :
TP-6

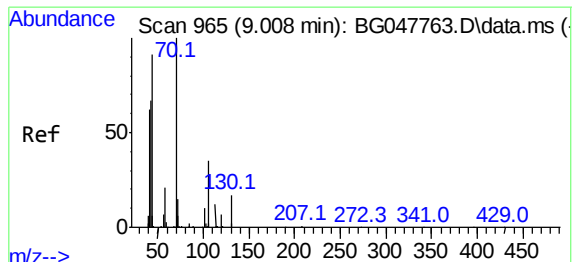
Tgt Ion: 99 Resp: 425639
Ion Ratio Lower Upper
99 100
42 20.9 12.8 19.2#
71 52.2 24.6 36.8#



#10
Phenol
Concen: 9.44 ng
RT: 7.427 min Scan# 696
Delta R.T. -0.000 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

Tgt Ion: 94 Resp: 31337
Ion Ratio Lower Upper
94 100
65 42.4 6.6 46.6
66 71.5 13.9 53.9#

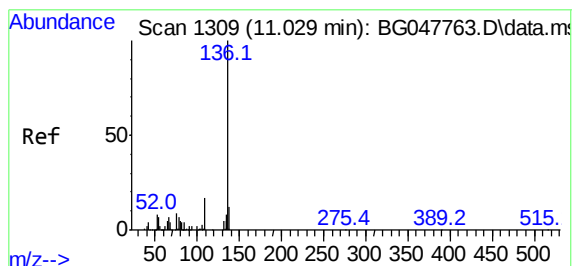
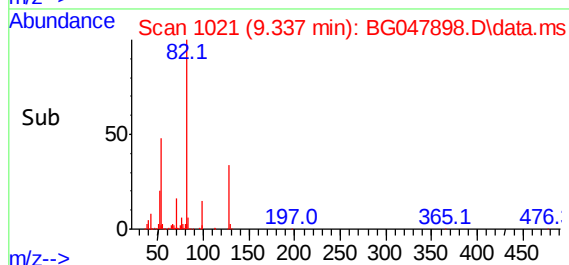
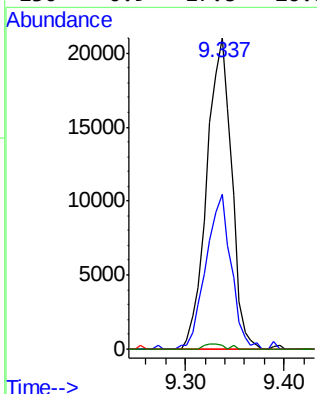
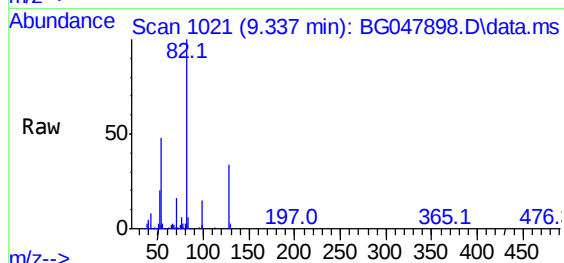




#19
n-Nitroso-di-n-propylamine
Concen: 14.15 ng
RT: 9.337 min Scan# 1021
Delta R.T. 0.370 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

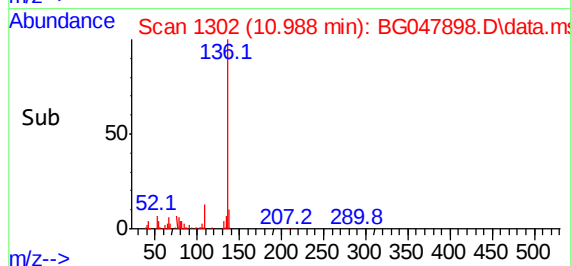
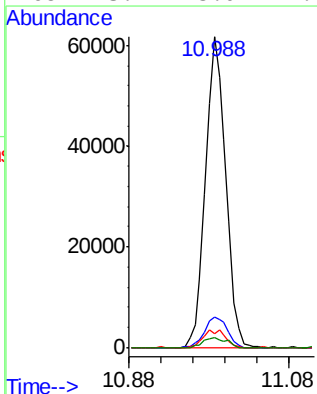
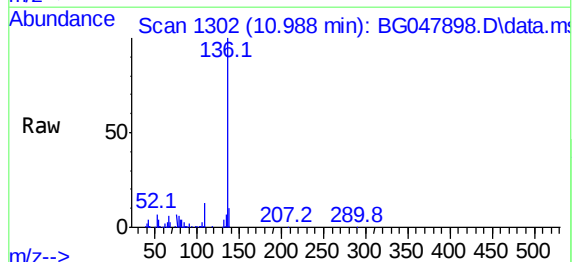
Instrument :
BNA_G
ClientSampled :
TP-6

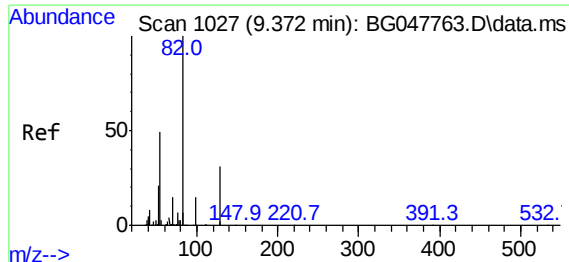
Tgt Ion: 70 Resp: 36060
Ion Ratio Lower Upper
70 100
42 49.9 45.6 68.4
101 0.0 8.4 12.6#
130 0.9 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.988 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

Tgt Ion:136 Resp: 104127
Ion Ratio Lower Upper
136 100
137 9.8 9.1 13.7
54 4.3 6.2 9.4#
68 3.2 5.0 7.4#

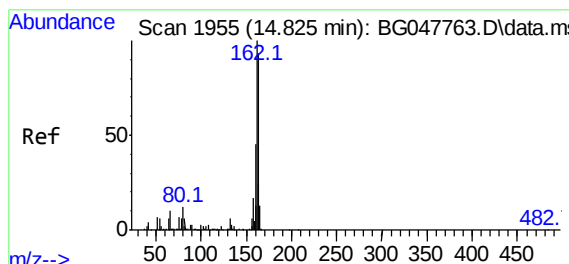
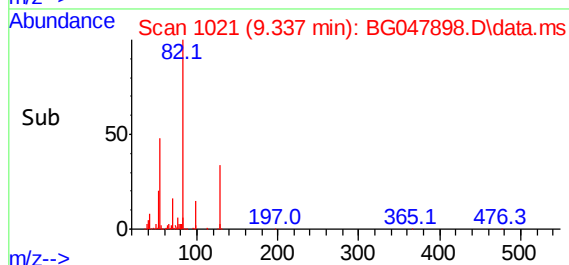
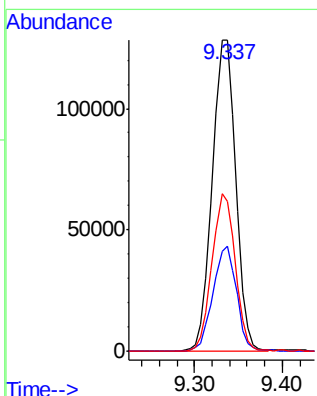
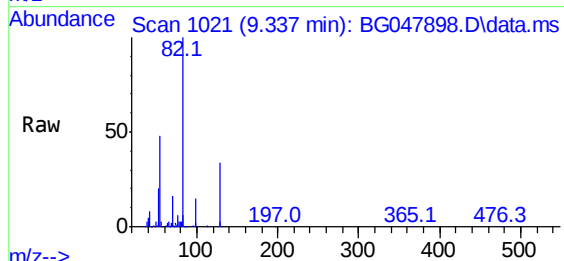




#23
Nitrobenzene-d5
Concen: 81.31 ng
RT: 9.337 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

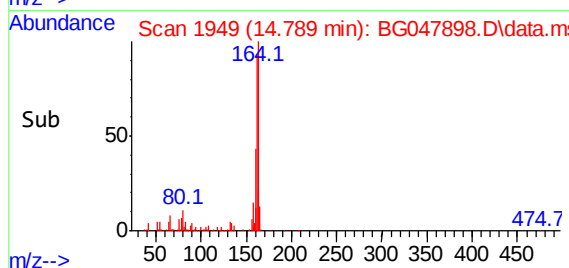
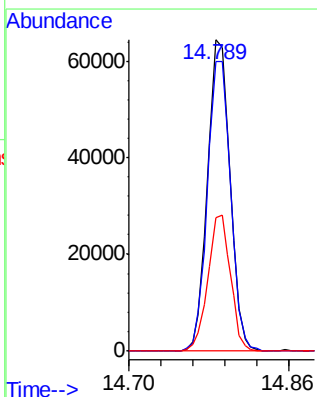
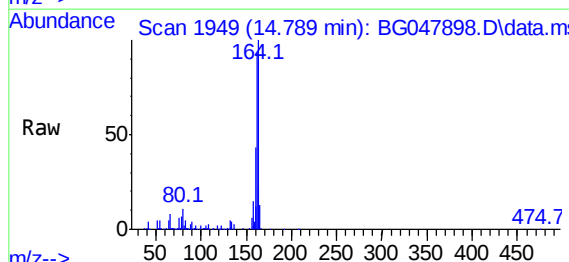
Instrument :
BNA_G
ClientSampleId :
TP-6

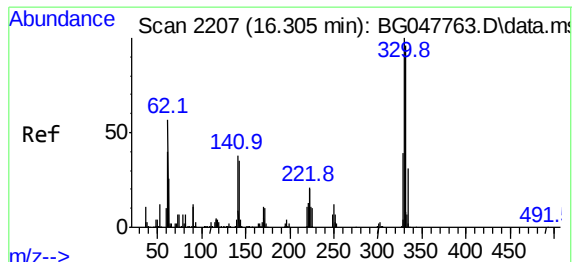
Tgt Ion: 82 Resp: 230186
Ion Ratio Lower Upper
82 100
128 33.5 37.0 55.6#
54 48.1 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.789 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

Tgt Ion: 164 Resp: 100262
Ion Ratio Lower Upper
164 100
162 93.2 82.3 123.5
160 42.8 35.3 52.9

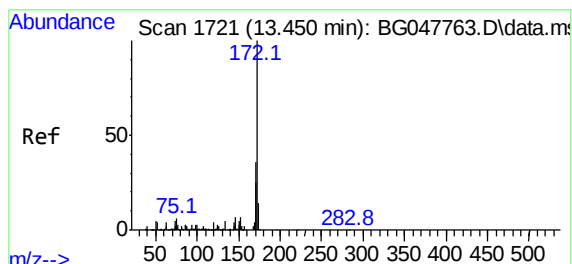
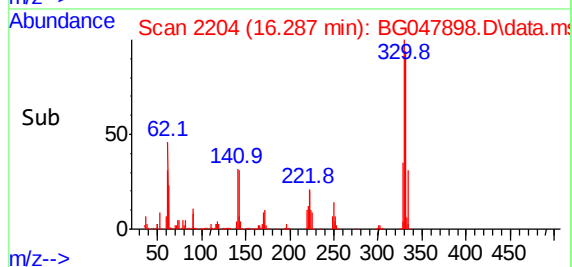
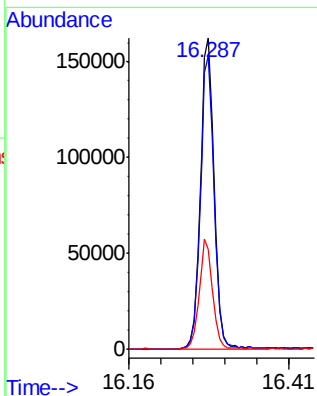
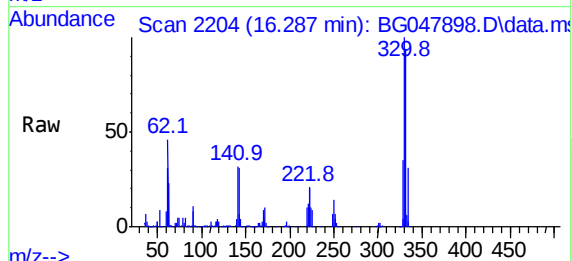




#42
2,4,6-Tribromophenol
Concen: 144.80 ng
RT: 16.287 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

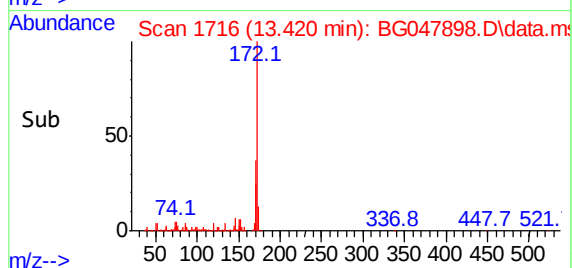
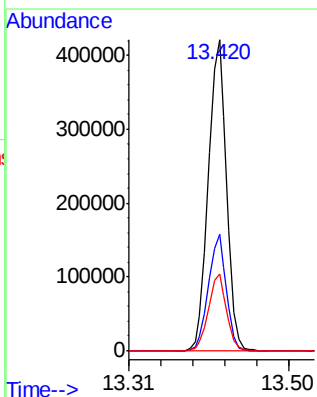
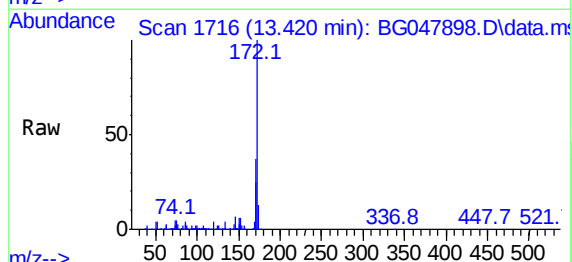
Instrument :
BNA_G
ClientSampled :
TP-6

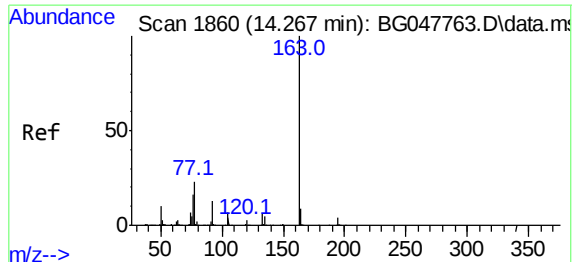
Tgt Ion:330 Resp: 247851
Ion Ratio Lower Upper
330 100
332 94.6 76.5 114.7
141 34.5 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 82.80 ng
RT: 13.420 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

Tgt Ion:172 Resp: 641544
Ion Ratio Lower Upper
172 100
171 37.2 31.3 46.9
170 24.7 20.8 31.2

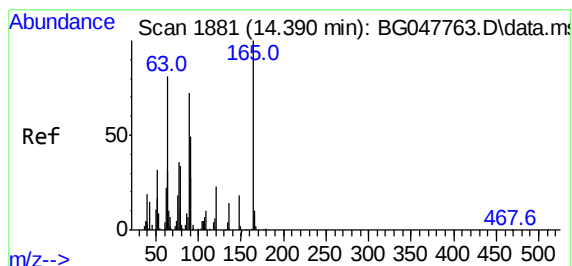
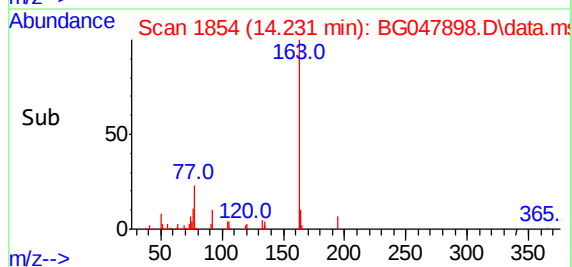
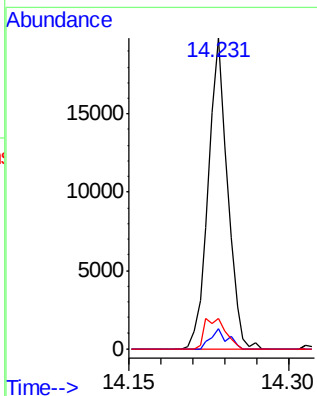
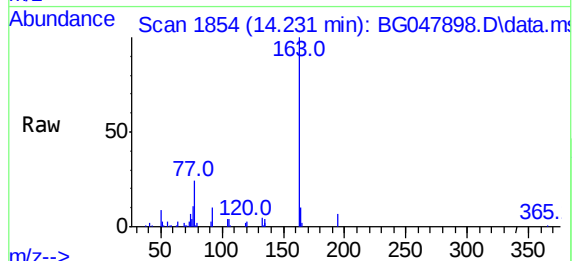




#50
Dimethylphthalate
Concen: 2.90 ng
RT: 14.231 min Scan# 1854
Delta R.T. -0.012 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

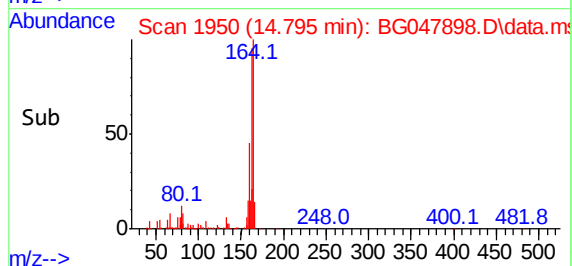
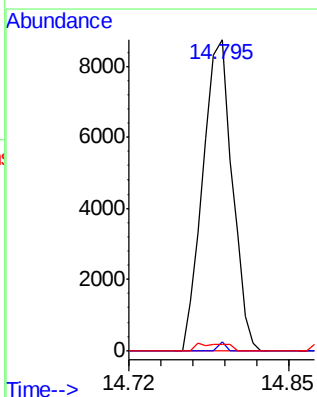
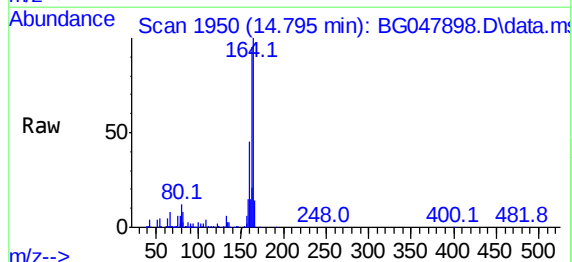
Instrument :
BNA_G
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TP-6

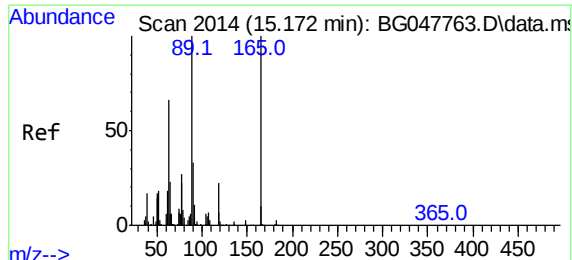
Tgt Ion:163 Resp: 25029
Ion Ratio Lower Upper
163 100
194 6.7 3.8 5.8#
164 9.9 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.53 ng
RT: 14.795 min Scan# 1950
Delta R.T. 0.435 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

Tgt Ion:165 Resp: 13222
Ion Ratio Lower Upper
165 100
63 2.8 33.7 50.5#
89 2.0 36.6 54.8#



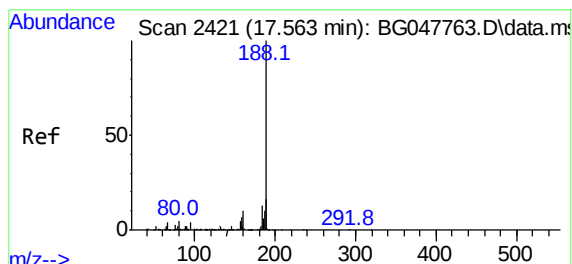
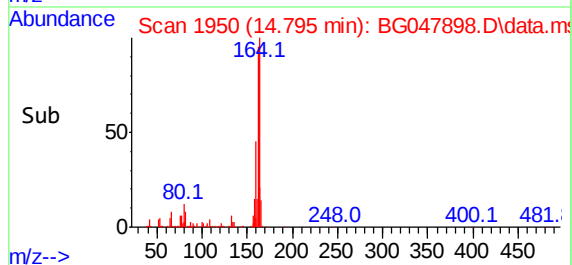
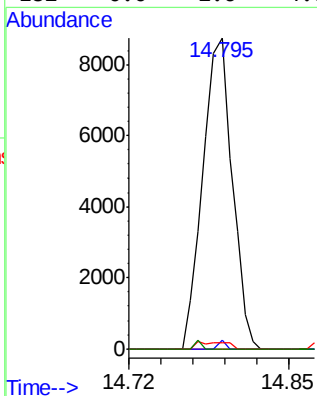
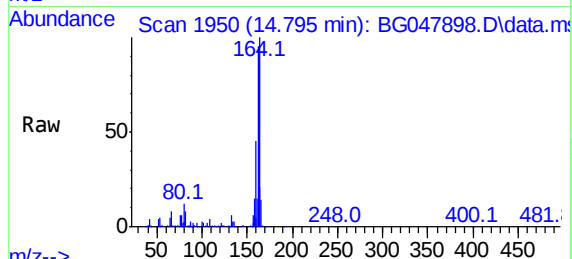


#57
2,4-Dinitrotoluene
Concen: 5.06 ng
RT: 14.795 min Scan# 1950
Delta R.T. -0.353 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:165 Resp: 13222

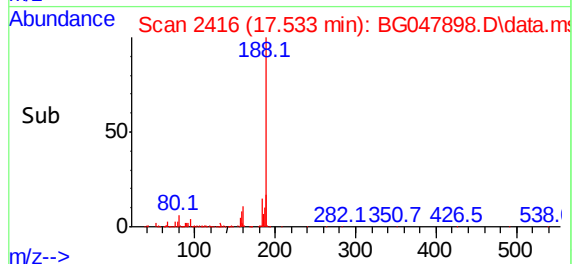
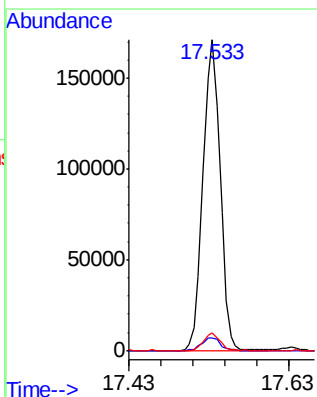
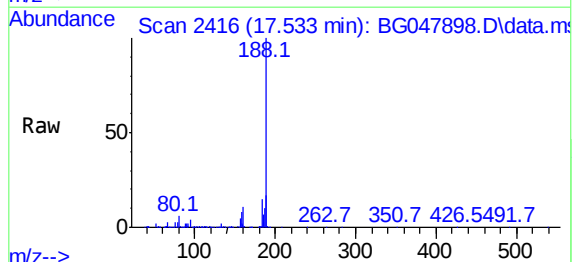
Ion	Ratio	Lower	Upper
165	100		
63	2.8	26.4	39.6#
89	2.0	47.8	71.8#
182	0.0	2.6	4.0#

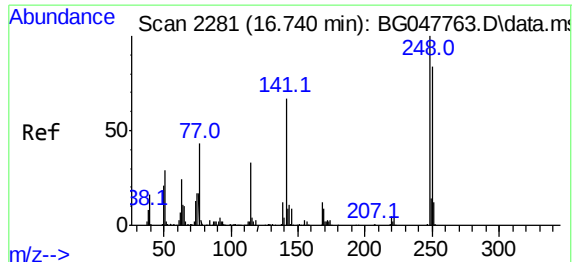


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.533 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

Tgt Ion:188 Resp: 257263

Ion	Ratio	Lower	Upper
188	100		
94	3.9	6.3	9.5#
80	5.5	7.0	10.6#

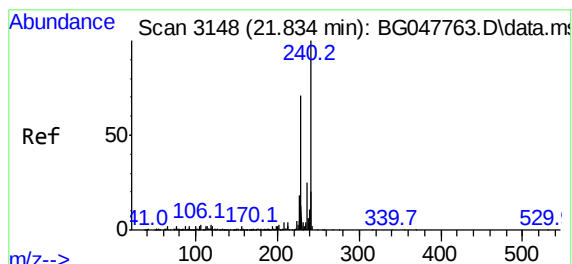
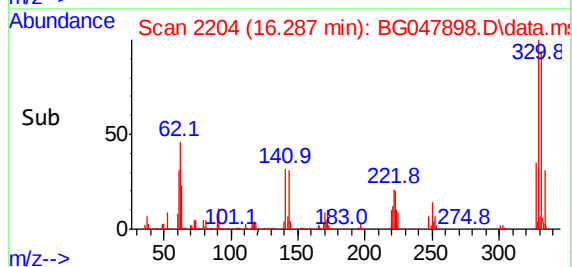
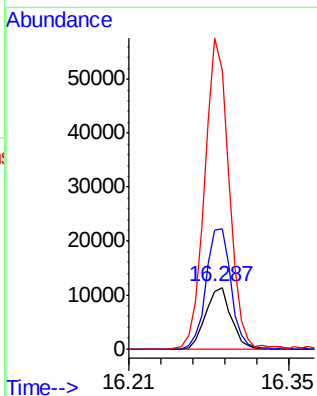
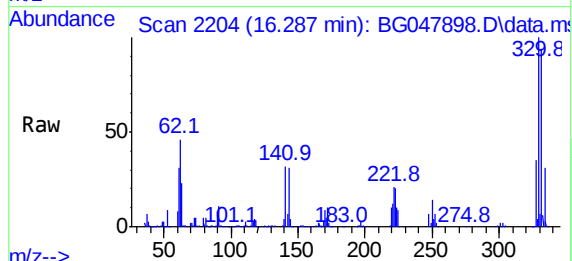




#67
4-Bromophenyl-phenylether
Concen: 5.02 ng
RT: 16.287 min Scan# 2204
Delta R.T. -0.429 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

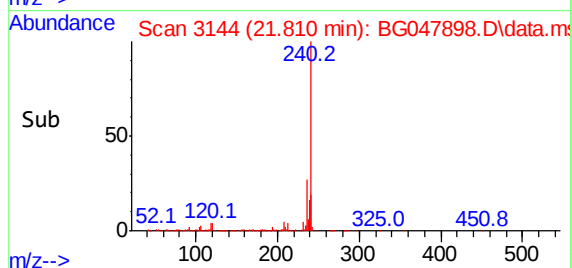
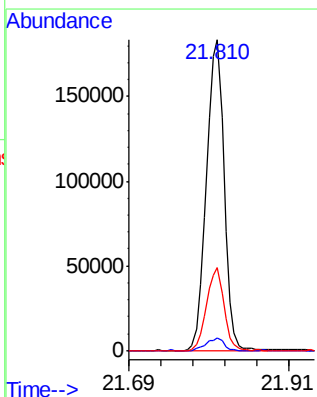
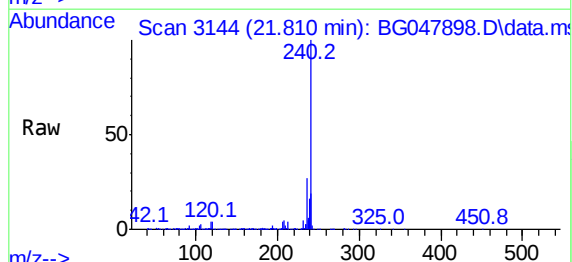
Instrument :
BNA_G
ClientSampled :
TP-6

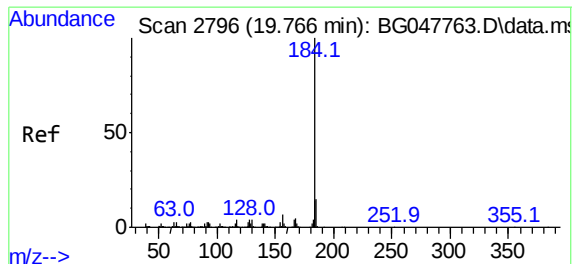
Tgt Ion:248 Resp: 17342
Ion Ratio Lower Upper
248 100
250 195.8 78.9 118.3#
141 456.6 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.810 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

Tgt Ion:240 Resp: 311651
Ion Ratio Lower Upper
240 100
120 3.9 6.2 9.4#
236 26.6 20.5 30.7

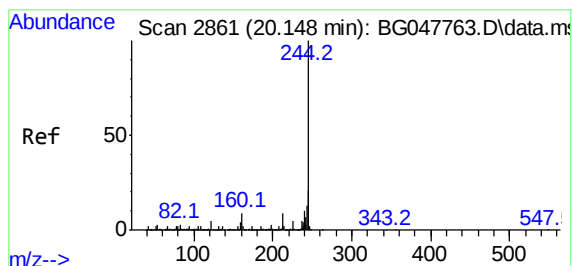
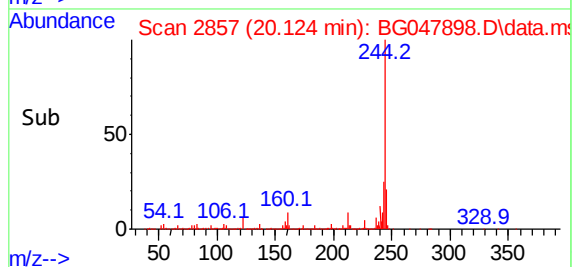
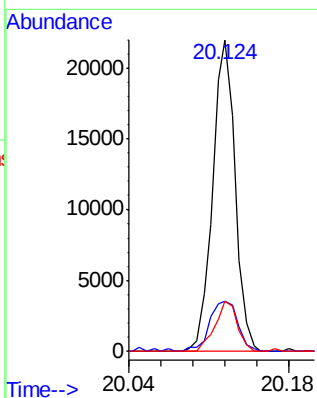
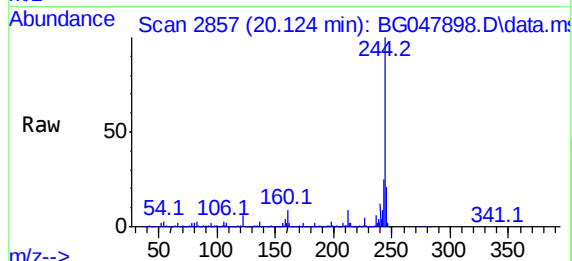




#77
Benzidine
Concen: 3.39 ng
RT: 20.124 min Scan# 2857
Delta R.T. 0.376 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

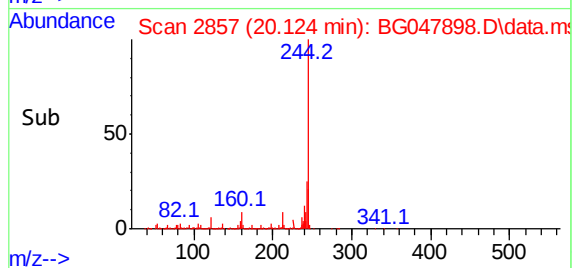
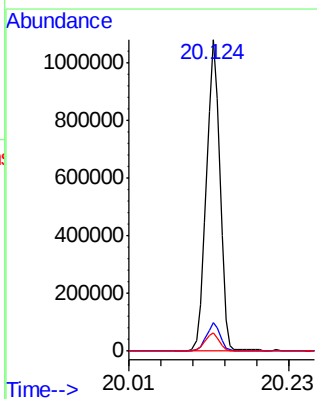
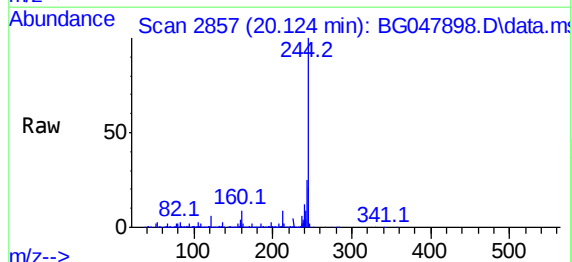
Instrument :
BNA_G
ClientSampleId :
TP-6

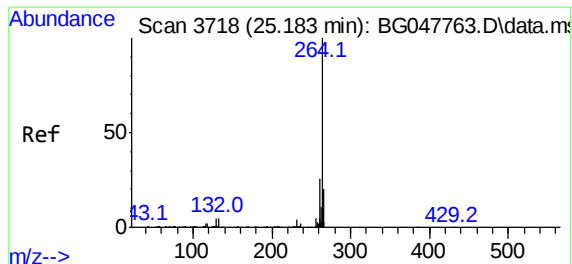
Tgt Ion:184 Resp: 28398
Ion Ratio Lower Upper
184 100
185 15.8 12.4 18.6
183 15.9 10.6 15.8#



#79
Terphenyl-d14
Concen: 74.01 ng
RT: 20.124 min Scan# 2857
Delta R.T. -0.000 min
Lab File: BG047898.D
Acq: 8 Jan 2021 22:45

Tgt Ion:244 Resp: 1399703
Ion Ratio Lower Upper
244 100
212 9.1 6.7 10.1
122 5.7 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: BG047898.D
Acq: 8 Jan 2021 22:45

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:264 Resp: 236818

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.8	28.2
265	23.4	17.8	26.8

